

OPPLE



LED PORTFOLIO

OPPLE.COM

Version March 2016 International
Professional Lighting

Oppla Lighting

OPPLE - Your LED Partner

OPPLE is celebrating its 20th anniversary. Ever since Oppla Lighting was founded in 1996, the guiding principle of " offering good quality LED products for everyone", has driven everything we have said, done and achieved. It has helped us to create solid relationships with our employees, our suppliers and, most important of all, our customers.

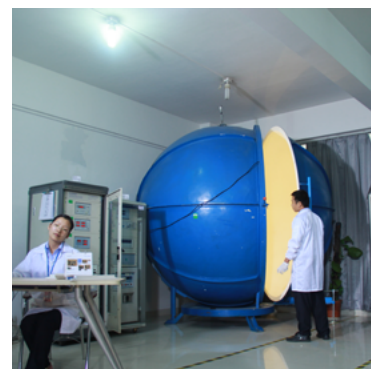
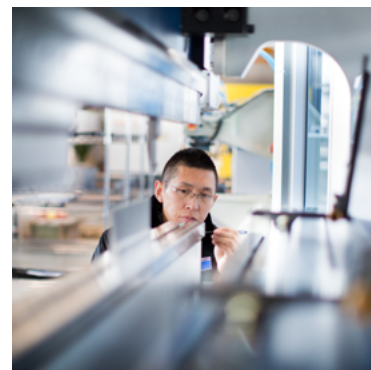
OPPLE is a leading brand in China and is active in more than 70 countries worldwide, with 6,000 employees, 2 large ISO certified manufacturing facilities, 6,000 branded OPPLE stores and more than 35,000 points of sale worldwide.

With the local presence of experienced and skilled OPPLE Europe staff you can now take full advantage of these innovative products, made in China. It's simply the best of both worlds:

- Good quality products at affordable prices
- Continuous stream of innovative products
- Applying for over 200 patents per year
- TÜV certified R&D laboratories
- Fast available from stock
- Passionate professionals
- Excellent service close to you

We are waiting to make life easier for you, doing efficient and enjoyable business together.

The OPPLE Lighting Europe team



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LED Panel Suspended Zenith

LED Panels

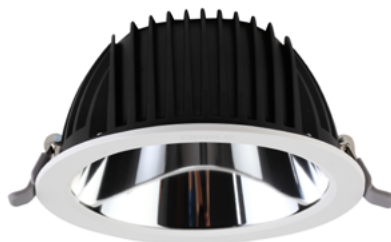
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LED Panel Suspended Superior

LED Downlights

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LED Downlight HR

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LED Downlights

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LED Spot Performer 3C

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LED Spot Grid HQ

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LED Spot EcoMax

LED Wall-Mounted

LED Highbay

LED Floodlight

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LED Wall Mounted EcoMax

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LED Highbay Performer

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LED Floodlight

LED Waterproof

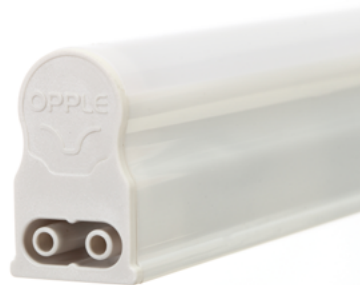
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LED Waterproof

LED T5 Batten

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LED T5 Batten EcoMax

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LED T5 Batten S with switch

LED Bulbs

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LED Bulb EcoMax A60 + A70

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LED Candle EcoMax B35 + B38

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LED Mini Globe EcoMax P45

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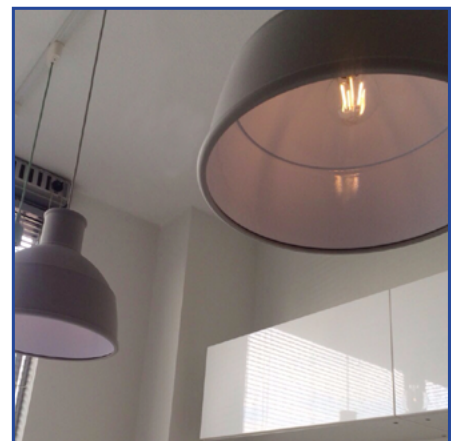


LED Mini Globe EcoMax G50

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LED Filament A60, B35, B35BT, P45





LED Reflectors

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LED Reflector EcoMax GU10

The image shows a white, cup-shaped LED reflector with a GU10 base. The brand name 'OPPLE' is printed on the front of the reflector.

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LED Reflector EcoMax MR16

The image shows a white, cup-shaped LED reflector with an MR16 base. The brand name 'OPPLE' is printed on the front of the reflector.

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LED Reflector EcoMax R50

The image shows a white, conical LED reflector with an R50 base. The brand name 'OPPLE' is printed on the side of the reflector.

LED Tubes

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LED T8 Tube

NOW 600MM GLASS

The image shows a white LED T8 tube with a G13 base. A blue circular callout highlights the text 'NOW 600MM GLASS'. The tube has technical specifications printed on it: 'OPPLE LED T8 1500 15W 150lm 5000K CT Made in China 230V 240V 50/60Hz 14249981 2114'.

LED Decorative Luminaires Wall & Ceiling

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LED Module Clio

4000K NOW AVAILABLE

The image shows a white, octagonal LED module with multiple small LED chips on its surface. A blue circular callout highlights the text '4000K NOW AVAILABLE'.

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LED Ceiling Light Apollo

The image shows a white, circular LED ceiling light fixture with a recessed design.

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LED Ceiling Light Eros

The image shows a white, circular LED ceiling light fixture with a recessed design, similar to the Apollo model but with a slightly different profile.

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LED Ceiling Light Hera

The image shows a square LED ceiling light fixture with a white center and a dark grey or black square frame.

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LED Ceiling Light Doris

The image shows a white, circular LED ceiling light fixture with a recessed design, featuring a slightly different profile from the Apollo and Eros models.

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LED Ceiling Light Pallas



LED Decorative Luminaires Recessed

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LED Recessed Spot Chalice

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LED Recessed Spot Ava (Dimmable)



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LED Recessed Spot Alfie

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LED Recessed Spot Amelia (Dimmable)

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Appendix 1 | Dimmerlist

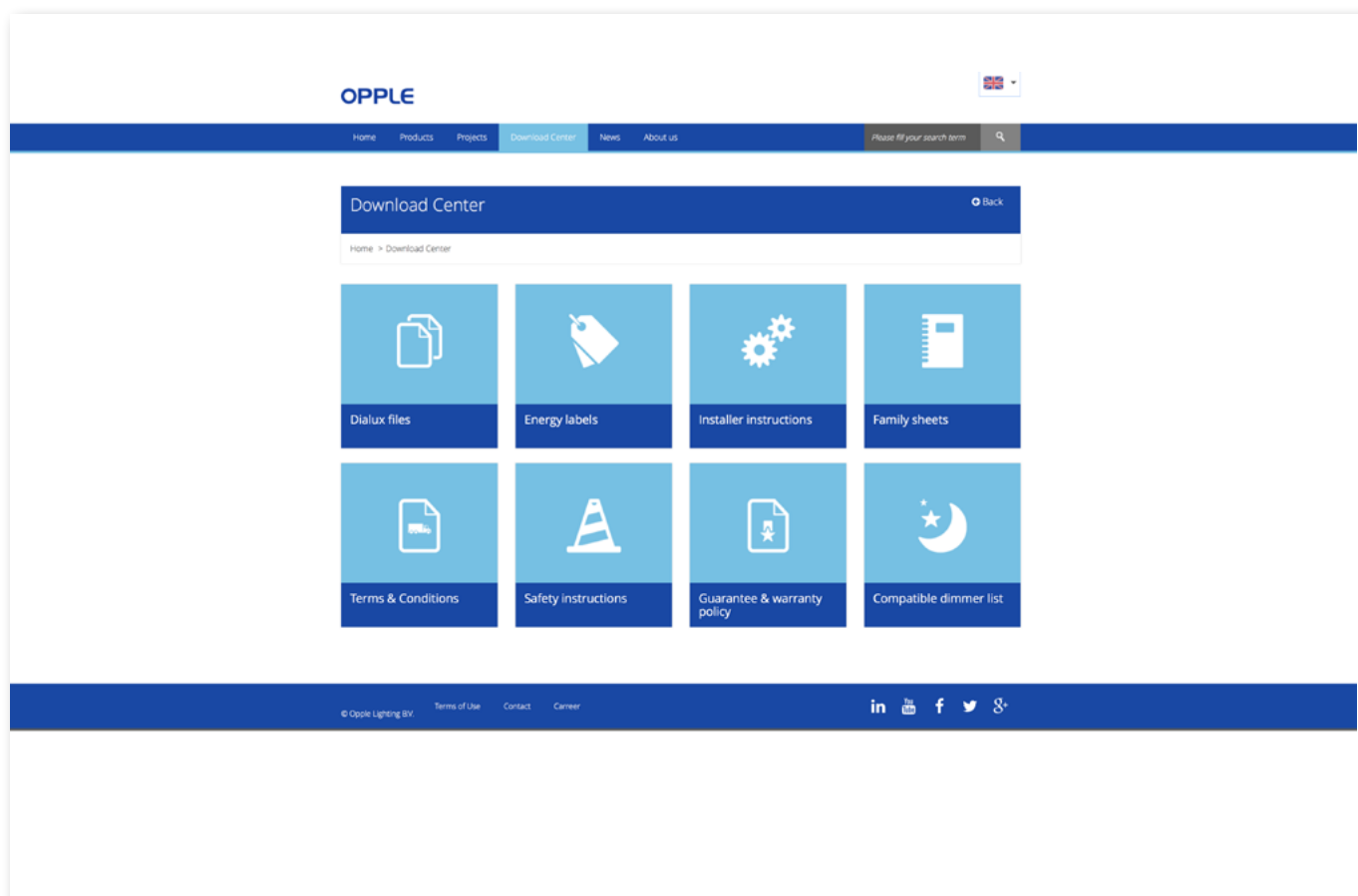
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2 | Connection specifications

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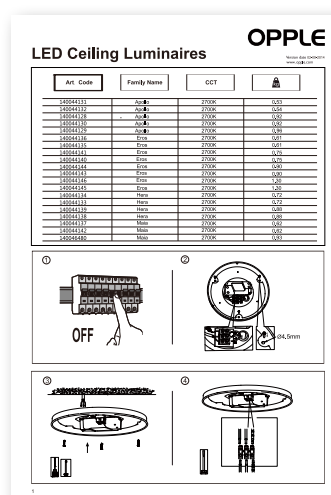
3 | Cut-Out conversion list

What to find in the Opplé Download Center:



Family sheets

Installer instructions





LED Panel Recessed Grille

Features

- Office compliant UGR<16
- System efficacy up to 113 Lm/W
- Extended lifespan of 50,000 hrs
- Can be recessed & surface mounted

Benefits

- Comfortable lighting, making it easier to work and study
- Directly replaces existing T5 and T8 fixtures
- Significantly lower energy consumption of up to 50%
- High reliability and low maintenance costs

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140043967	LEDPanelRc-G Sq598-36W-3000-WH-CT	36	3800	106	0.18A	≥80	16	3000	50,000	6956321843472	
140043968	LEDPanelRc-G Sq598-36W-4000-WH-CT	36	4050	113	0.18A	≥80	16	4000	50,000	6956321843489	
140043971	LEDPanelRc-G Re298-36W-3000-WH-CT	36	3800	106	0.18A	≥80	16	3000	50,000	6956321843458	
140043972	LEDPanelRc-G Re298-36W-4000-WH-CT	36	4050	113	0.18A	≥80	16	4000	50,000	6956321843465	
140043973	LEDPanelRc-G Re166-21W-3000-WH-CT	21	2000	95	0.10A	≥80	16	3000	50,000	6956321843434	
140043974	LEDPanelRc-G Re166-21W-4000-WH-CT	21	2090	100	0.10A	≥80	16	4000	50,000	6956321843441	
140043969	LEDPanelRc-G Sq298-11W-3000-WH-CT	11	1050	95	0.06A	≥80	16	3000	50,000	6956321843410	
140043970	LEDPanelRc-G Sq298-11W-4000-WH-CT	11	1090	99	0.06A	≥80	16	4000	50,000	6956321843427	
140046181	LEDPanelRc-G Sq598-36W-DALI-3000-WH-CT	36	3450	96	0.18A	≥80	16	3000	50,000	6956321864415	
140046182	LEDPanelRc-G Sq598-36W-DALI-4000-WH-CT	36	3690	103	0.18A	≥80	16	4000	50,000	6956321864422	
140046185	LEDPanelRc-G Re298-36W-DALI-3000-WH-CT	36	3450	96	0.18A	≥80	16	3000	50,000	6956321864439	
140046186	LEDPanelRc-G Re298-36W-DALI-4000-WH-CT	36	3690	103	0.18A	≥80	16	4000	50,000	6956321864446	
140046187	LEDPanelRc-G Re166-21W-DALI-3000-WH-CT	21	1800	86	0.10A	≥80	16	3000	50,000	6956321859107	
140046188	LEDPanelRc-G Re166-21W-DALI-4000-WH-CT	21	1900	90	0.10A	≥80	16	4000	50,000	6956321860950	
140046183	LEDPanelRc-G Sq298-13W-DALI-3000-WH-CT	13	930	72	0.05A	≥80	16	3000	50,000	6956321864453	
140046184	LEDPanelRc-G Sq298-13W-DALI-4000-WH-CT	13	990	76	0.05A	≥80	16	4000	50,000	6956321864460	

Available on request with 3- or 5- pole Wieland GST18i connector
Emergency lighting available on request

Accessories

Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140044054	LEDPanelRc-G Sq598-Surface Module-CT	6956321843557	2,5	
140044055	LEDPanelRc-G Re298-Surface Module-CT	6956321843564	2,6	
140044057	LEDPanelRc-G Re166-Surface Module-CT	6956321843502	2	
140044056	LEDPanelRc-G Sq298-Surface Module-CT	6956321843496	0,8	

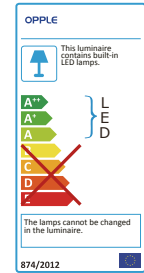


Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	No/Yes(DALI)
Beam angle (°)	90
Colour of finish	White RAL9003
IP	20
IK	02
Protection class	I
Integrated driver (Yes/No)	Yes
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	4.12 / 1.40 / 5.33 / 3.31

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Coated Steel
Optical material	Plastic

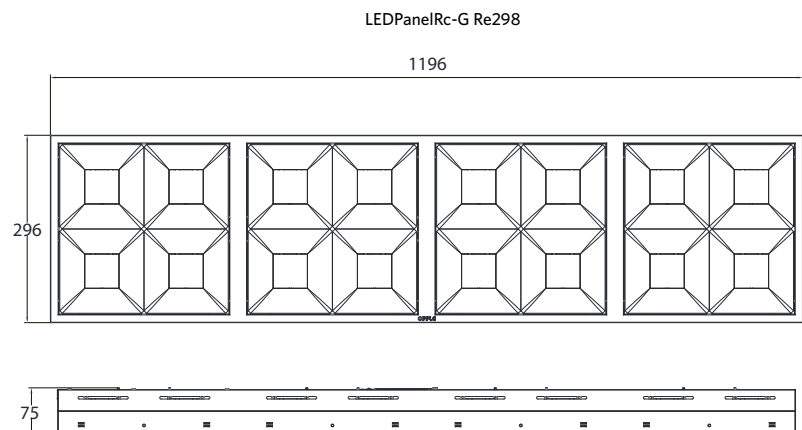
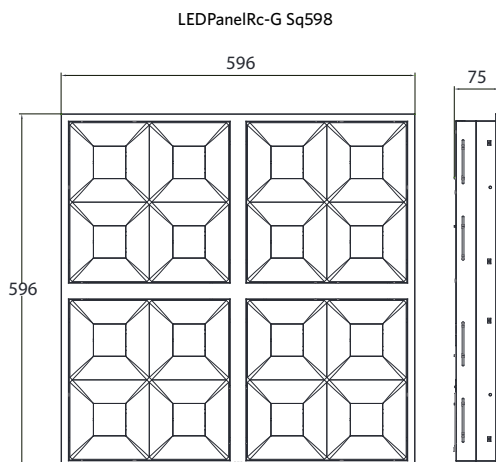
Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C



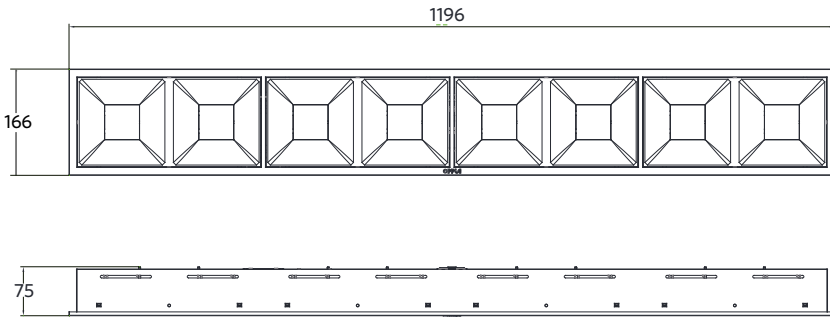
Product and packaging information

Item			Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1
140043969	LEDPanelRc-G Sq298-11W-3000-WH-CT	75x298x298	145x390x390	2,3	6956321843410
140043970	LEDPanelRc-G Sq298-11W-4000-WH-CT	75x298x298	145x390x390	2,3	6956321843427
140043973	LEDPanelRc-G Re166-21W-3000-WH-CT	75x166x1196	106x244x1278	4,5	6956321843434
140043974	LEDPanelRc-G Re166-21W-4000-WH-CT	75x166x1196	106x244x1278	4,5	6956321843441
140043971	LEDPanelRc-G Re298-36W-3000-WH-CT	75x296x1196	190x455x1355	8,3	6956321843458
140043972	LEDPanelRc-G Re298-36W-4000-WH-CT	75x296x1196	190x455x1355	8,3	6956321843465
140043967	LEDPanelRc-G Sq598-36W-3000-WH-CT	75x596x596	190x755x755	8,0	6956321843472
140043968	LEDPanelRc-G Sq598-36W-4000-WH-CT	75x596x596	190x755x755	8,0	6956321843489
140046183	LEDPanelRc-G Sq298-13W-DALI-3000-WH-CT	75x296x296	133x370x370	2,3	6956321864453
140046184	LEDPanelRc-G Sq298-13W-DALI-4000-WH-CT	75x296x296	133x370x370	2,3	6956321864460
140046187	LEDPanelRc-G Re166-21W-DALI-3000-WH-CT	75x166x1196	127x243x1285	4,5	6956321859107
140046188	LEDPanelRc-G Re166-21W-DALI-4000-WH-CT	75x166x1196	127x243x1285	4,5	6956321860950
140046185	LEDPanelRc-G Re298-36W-DALI-3000-WH-CT	75x296x1196	127x395x1285	8,3	6956321864439
140046186	LEDPanelRc-G Re298-36W-DALI-4000-WH-CT	75x296x1196	127x395x1285	8,3	6956321864446
140046181	LEDPanelRc-G Sq598-36W-DALI-3000-WH-CT	75x596x596	127x695x695	8,0	6956321864415
140046182	LEDPanelRc-G Sq598-36W-DALI-4000-WH-CT	75x596x596	127x695x695	8,0	6956321864422
140044054	LEDPanelRc-G Sq598-Surface Module-CT	88x596x596	106x678x678	5,5	6956321843557
140044055	LEDPanelRc-G Re298-Surface Module-CT	88x296x1196	106x378x1278	4,4	6956321843564
140044056	LEDPanelRc-G Sq298-Surface Module-CT	88x296x296	145x390x390	1,6	6956321843496
140044057	LEDPanelRc-G Re166-Surface Module-CT	88x166x1196	106x244x1278	3,4	6956321843502

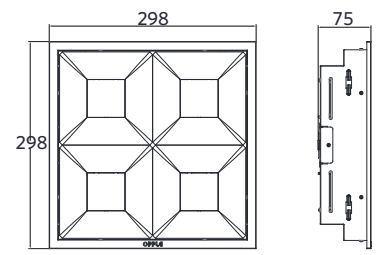
Dimensional Drawing



LEDPanelRc-G Re166

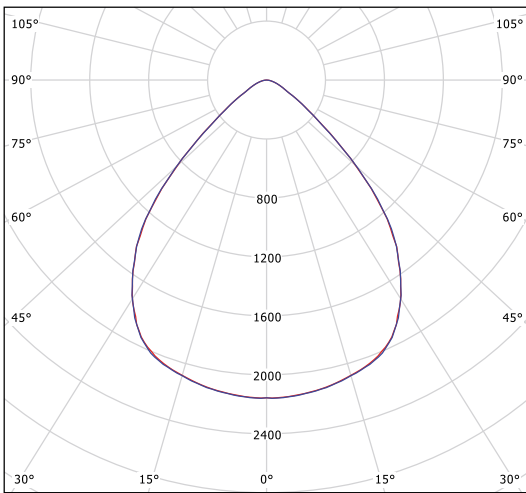


LEDPanelRc-G Sq298



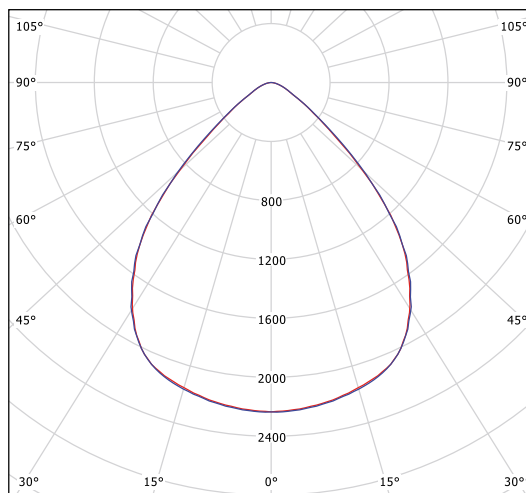
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Sq598-36W-4000K



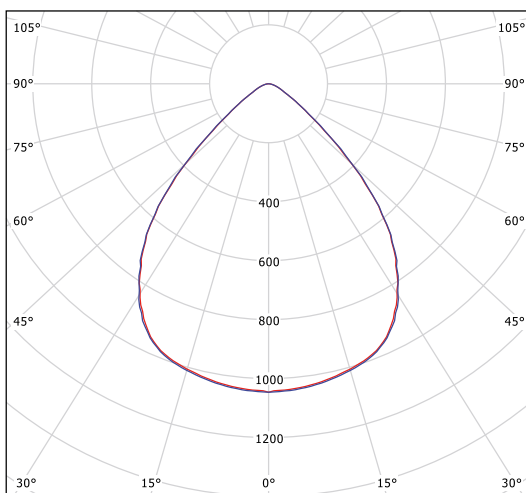
cd
— C0 - C180 — C90 - C270

Re298-36W-4000K



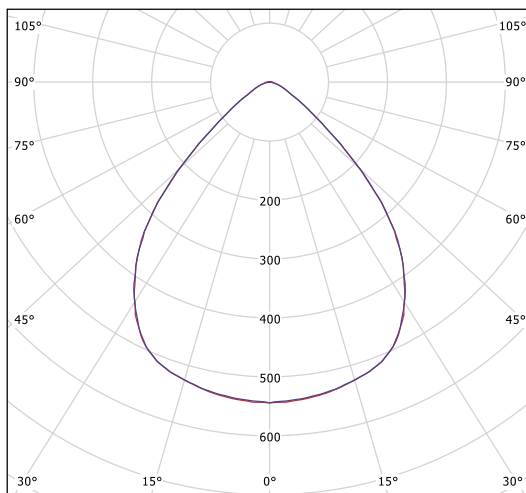
cd
— C0 - C180 — C90 - C270

Re166-21W-4000K



cd
— C0 - C180 — C90 - C270

Sq298-11W-4000K



cd
— C0 - C180 — C90 - C270



LED Panel Recessed Performer

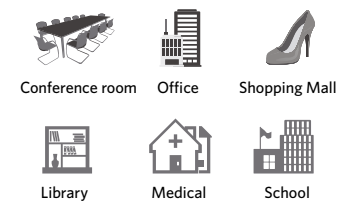
Features

- Office compliant UGR 19
- High system efficacy up to 88 Lm/W
- High-reliability luminaire, up to 30,000 hrs lifespan
- Consistent light output, stable colour performance and good colour rendering (Ra ≥80)

Benefits

- Comfortable lighting, making it easier to work and study
- Up to 50% lower energy consumption than fluorescent lighting
- Lower energy and maintenance costs
- Batwing spread of light delivers higher efficiency and reduces number of luminaires required

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140043959	LEDPanelRc-P Sq598-40W-3000-WH-CT	40	3100	78	0.19A	≥80	19	3000	30,000	6956321843571	
140043960	LEDPanelRc-P Sq598-40W-4000-WH-CT	40	3300	83	0.19A	≥80	19	4000	30,000	6956321843588	
140043961	LEDPanelRc-P Sq598-50W-3000-WH-CT	50	4200	84	0.25A	≥80	19	3000	30,000	6956321843595	
140043962	LEDPanelRc-P Sq598-50W-4000-WH-CT	50	4400	88	0.25A	≥80	19	4000	30,000	6956321843601	
140043965	LEDPanelRc-P Re298-50W-3000-WH-CT	50	4200	84	0.25A	≥80	19	3000	30,000	6956321843618	
140043966	LEDPanelRc-P Re298-50W-4000-WH-CT	50	4400	88	0.25A	≥80	19	4000	30,000	6956321843625	
140047594	LEDPanelRc-P Sq598-40W-DALI-3000-WH-CT	40	3100	78	0.19A	≥80	19	3000	30,000	6956321864477	
140047595	LEDPanelRc-P Sq598-40W-DALI-4000-WH-CT	40	3300	83	0.19A	≥80	19	4000	30,000	6956321864484	
140047596	LEDPanelRc-P Sq598-50W-DALI-3000-WH-CT	50	4200	84	0.25A	≥80	19	3000	30,000	6956321864491	
140047597	LEDPanelRc-P Sq598-50W-DALI-4000-WH-CT	50	4400	88	0.25A	≥80	19	4000	30,000	6956321864507	
140047598	LEDPanelRc-P Re298-50W-DALI-3000-WH-CT	50	4200	84	0.25A	≥80	19	3000	30,000	6956321864514	
140047599	LEDPanelRc-P Re298-50W-DALI-4000-WH-CT	50	4400	88	0.25A	≥80	19	4000	30,000	6956321864521	

Available on request with 3- or 5- pole Wieland GST18i connector
Emergency lighting available on request

Accessories

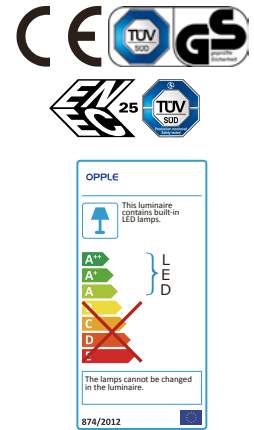
Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140053707	LED PanelRc-P Sq 600-surface-module-WH-CT	6956321875428	1,7	
140053144	LEDPanelRc-P Mounting-Springs-CT	6956321874308	0,14	

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	No / Yes(DALI)
Beam angle (°)	100+90
Colour of finish	White RAL9003
IP	20
IK	02
Protection class	I
Integrated driver (Yes/No)	Yes
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	3.4 / 4.7

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Coated Steel
Optical material	PC+ Aluminium

Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C

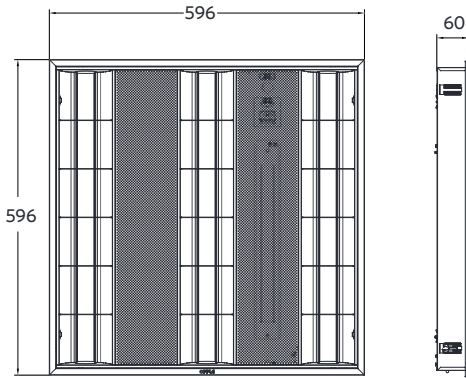


Product and packaging information

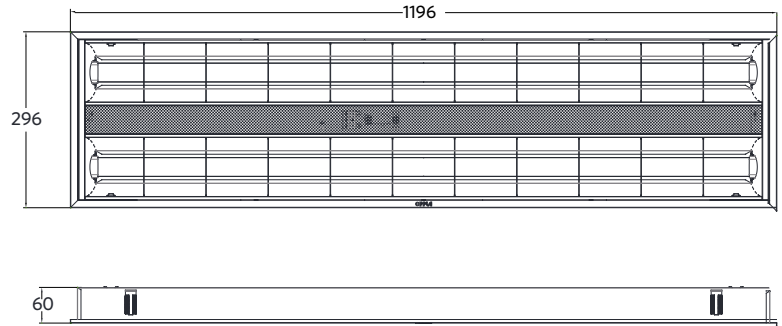
Item			Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EA N1
140043959	LEDPanelRc-P Sq598-40W-3000-WH-CT	60x596x596	190x755x755	7,4	6956321843571
140043960	LEDPanelRc-P Sq598-40W-4000-WH-CT	60x596x596	190x755x755	7,4	6956321843588
140043961	LEDPanelRc-P Sq598-50W-3000-WH-CT	60x596x596	190x755x755	7,4	6956321843595
140043962	LEDPanelRc-P Sq598-50W-4000-WH-CT	60x596x596	190x755x755	7,4	6956321843601
140043965	LEDPanelRc-P Re298-50W-3000-WH-CT	60x296x1196	190x455x1355	8,1	6956321843618
140043966	LEDPanelRc-P Re298-50W-4000-WH-CT	60x296x1196	190x455x1355	8,1	6956321843625
140047594	LEDPanelRc-P Sq598-40W-DALI-3000-WH-CT	60x596x596	127x695x695	7,4	6956321864477
140047595	LEDPanelRc-P Sq598-40W-DALI-4000-WH-CT	60x596x596	127x695x695	7,4	6956321864484
140047596	LEDPanelRc-P Sq598-50W-DALI-3000-WH-CT	60x596x596	127x695x695	7,4	6956321864491
140047597	LEDPanelRc-P Sq598-50W-DALI-4000-WH-CT	60x596x596	127x695x695	7,4	6956321864507
140047598	LEDPanelRc-P Re298-50W-DALI-3000-WH-CT	60x296x1196	127x395x1285	8,1	6956321864514
140047599	LEDPanelRc-P Re298-50W-DALI-4000-WH-CT	60x296x1196	127x395x1285	8,1	6956321864521
140053707	LED PanelRc-P Sq 600-surface-module-WH-CT	70x593x593	75x625x625	2,0	6956321875428
Item			Single box (100pc/box)		
140053144	LEDPanelRc-P Mounting-Springs-CT	45x54x54	245x230x290	0,03	6956321874308

Dimensional Drawing

LEDPanelRc-P Sq598

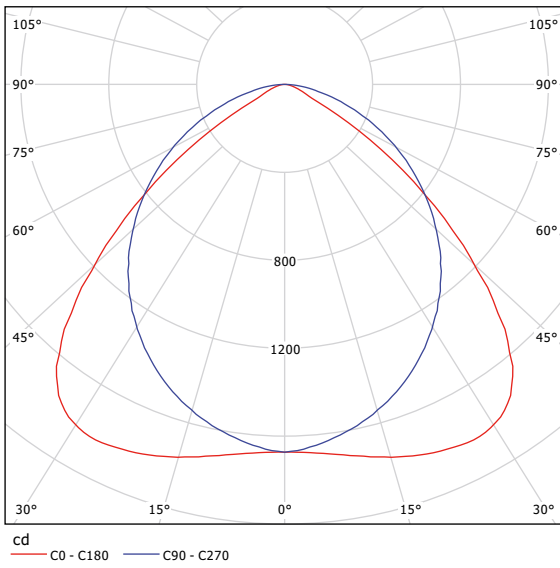


LEDPanelRc-P Re298

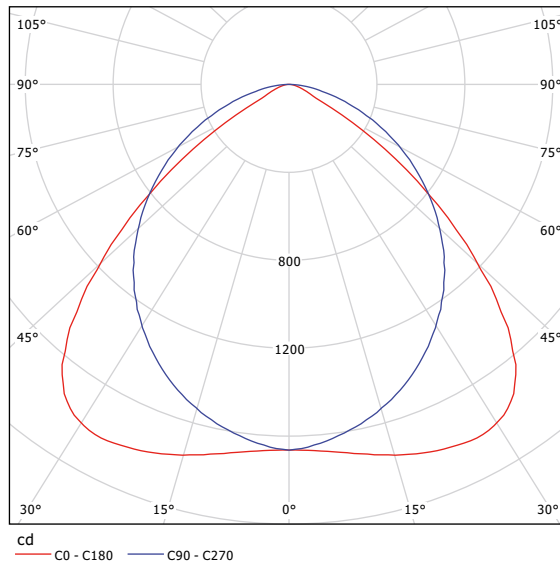


Photometric Data

LEDPanelRc-P Sq598



LEDPanelRc-P Re298





LED Panel Recessed EcoMax

Features

- Outstanding performance and value for money
- System efficacy up to 95 Lm/W
- Professional lighting and mechanical design
- Even distribution of light
- High-reliability luminaire up to 30,000 hrs lifespan

Benefits

- Flexible installation, easy to upgrade from existing conventional fluorescent lighting
- Up to 50% lower energy consumption, reduced operating and maintenance costs

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140043955	LEDPanelRc-E-Sq598-32W-3000-WH-CT	32	2800	88	0.15A	≥80	22	3000	30,000	6956321843632	
140043956	LEDPanelRc-E-Sq598-32W-4000-WH-CT	32	3000	94	0.15A	≥80	22	4000	30,000	6956321843649	
140043957	LEDPanelRc-E-Sq598-42W-3000-WH-CT	42	3750	89	0.19A	≥80	22	3000	30,000	6956321843656	
140043958	LEDPanelRc-E-Sq598-42W-4000-WH-CT	42	4000	95	0.19A	≥80	22	4000	30,000	6956321843663	

Accessories

Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140053143	LEDPanelRc-E Mounting-Springs-CT	6956321874292	1,68	

Technical Specifications

On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	No
Beam angle (°)	110
Colour of finish	White RAL9003
IP	20
IK	02
Protection class	I
Integrated driver (Yes/No)	Yes
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	3,76

Electrical Supply

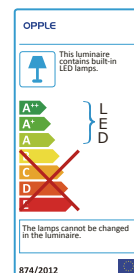
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties

Housing material	Coated Steel
Optical material	Plastic

Application Conditions

Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C

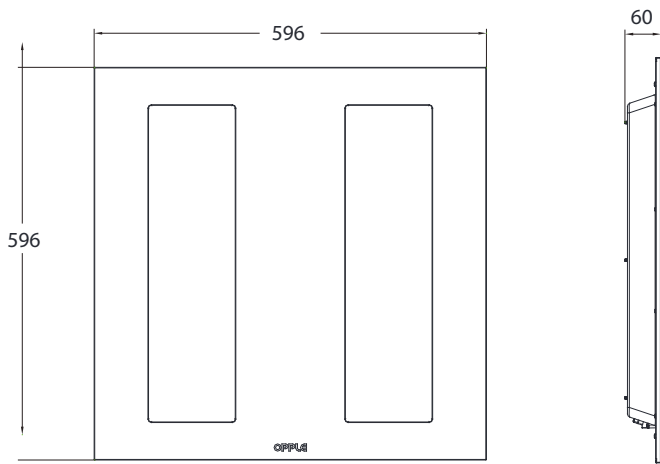


Product and packaging information

Item			Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1
140043955	LEDPanelRc-E Sq598-32W-3000-WH-CT	60x596x596	190x755x755	7,8	6956321843632
140043956	LEDPanelRc-E-Sq598-32W-4000-WH-CT	60x596x596	190x755x755	7,8	6956321843649
140043957	LEDPanelRc-E-Sq598-42W-3000-WH-CT	60x596x596	190x755x755	7,8	6956321843656
140043958	LEDPanelRc-E-Sq598-42W-4000-WH-CT	60x596x596	190x755x755	7,8	6956321843663
Item			Single box (50pc/box)		
140053143	LEDPanelRc-E Mounting-Springs-CT	50x80x85	270x180x420mm	10	6956321874292

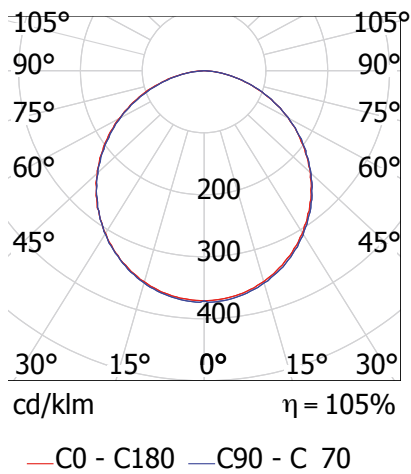
Dimensional Drawing

LEDPanelRc-E-Sq598



Photometric Data

LEDPanelRc-E-Sq598





LED Slim Panel Performer

Features

- High efficacy of up to 100 lm/W, combined with office compliant UGR19
- High colour rendering and good lighting uniformity
- Durable with life span up to 40,000 hours
- Recessed and suspended mounting possible

Benefits

- Outstanding performance and value for money
- Low glare luminaire brings comfort to working and study environments

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140054538	LEDPanelRc-SI Sq595-34W-3000-WH-U19	34	3200	94	155mA	≥80	19	3000	40.000	6956712680945	
140054539	LEDPanelRc-SI Sq595-34W-4000-WH-U19	34	3400	100	155mA	≥80	19	4000	40.000	6956712680952	
140054540	LEDPanelRc-SI Re295-34W-3000-WH-U19	34	3200	94	155mA	≥80	19	3000	40.000	6956712680969	
140054541	LEDPanelRc-SI Re295-34W-4000-WH-U19	34	3400	100	155mA	≥80	19	4000	40.000	6956712680976	
140054544	LEDPanelRc-SI Sq595-34W-DALI-3000-WH-U19	34	3200	94	155mA	≥80	19	3000	40.000	6956712681003	
140054545	LEDPanelRc-SI Sq595-34W-DALI-4000-WH-U19	34	3400	100	155mA	≥80	19	4000	40.000	6956712681010	
140054546	LEDPanelRc-SI Re295-34W-DALI-3000-WH-U19	34	3200	94	155mA	≥80	19	3000	40.000	6956712681027	
140054547	LEDPanelRc-SI Re295-34W-DALI-4000-WH-U19	34	3400	100	155mA	≥80	19	4000	40.000	6956712681034	

Accessories

Item Code	Item Description	EAN1	Length (mm)	Weight (kg/pc)	Gross Price
140048490	LEDPanel-SI-Suspension-Kit-CT	6956712627681	1280	0,14	
140053712	LEDPanelRc-SI Sq600-Surface-Module-WH-CT	6956321875473	600	2,4	
140053714	LEDPanelRc-SI Re300-Surface-Module-WH-CT	6956321875497	1200	2,4	

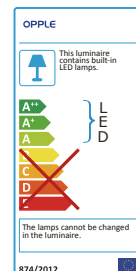
Available on request with 3- or 5-pole Wieland GST18i connector

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	Yes (DALI)
Colour of finish	White RAL9003
IP	20
IK	02
Protection class	II
Integrated driver (Yes/No)	Yes, can be separated
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	Sq: 3.31 Re: 2.94

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Extrusion Aluminium, White Coating
Optical material	Plastic

Application Conditions	
Operating temperature	-10 - +40°C
Application temperature	25°C
Storage environment	-40 - +85°C

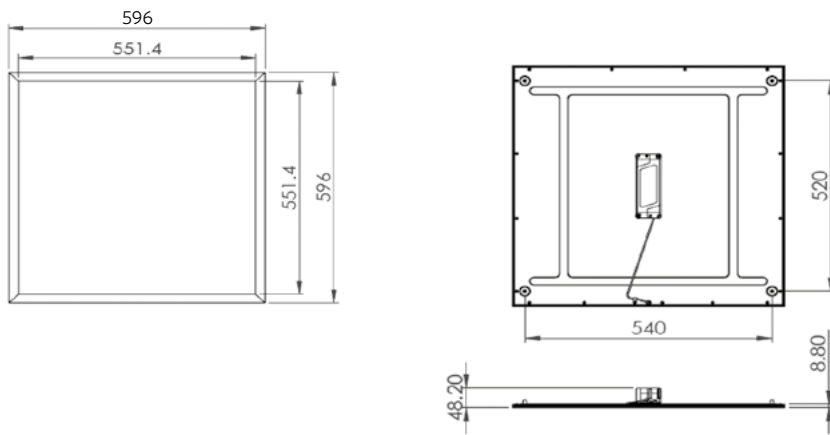


Packaging information

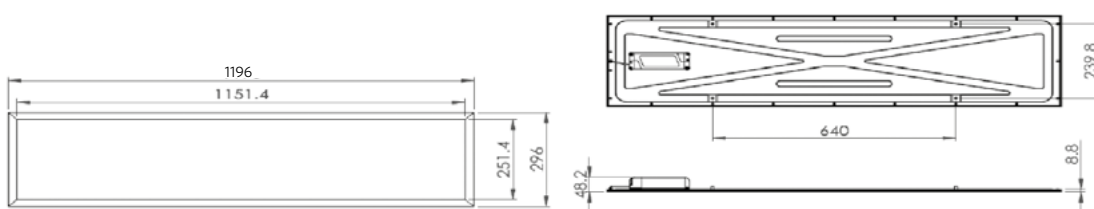
Item			Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1
140048484	LEDPanelRc-SI Sq595-34W-3000-WH-CT	8.8x596x596	93x682x675	4,4	6956712627629
140048485	LEDPanelRc-SI Sq595-34W-4000-WH-CT	8.8x596x596	93x682x675	4,4	6956712627636
140048486	LEDPanelRc-SI Re295-34W-3000-WH-CT	8.8x295x1196	93x360x1267	4,1	6956712627643
140048487	LEDPanelRc-SI Re295-34W-4000-WH-CT	8.8x295x1196	93x360x1267	4,1	6956712627650
140048490	LEDPanel-SI-Suspension-Kit-CT	/	30x30x130	0,4	6956712627681
140053712	LEDPanelRc-SI Sq600-Surface-Module-WH-CT	50x600x600	50x600x600	2,4	6956321875473
140053713	LEDPanelRc-SI Sq625-Surface-Module-WH-CT	50x625x625	50x625x625	2,4	6956321875480
140053714	LEDPanelRc-SI Re300-Surface-Module-WH-CT	50x300x1200	50x300x1200	2,3	6956321875497

Dimensional Drawing

LEDPanelRc-SI Sq595

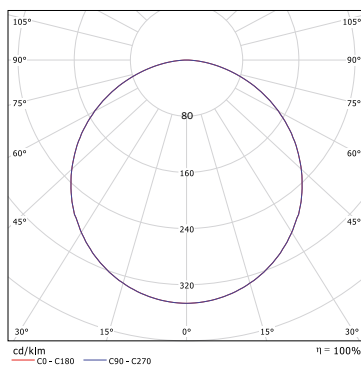


LEDPanelRc-SI Re295



Photometric Data

LEDPanelRc-SI Sq595





LED Slim Panel EcoMax

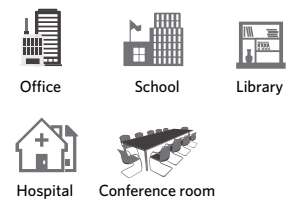
Features

- Edge-lit LED technology to reduce thickness to 8 mm
- Microstructural optical design combines high uniformity with high output (up to 95 lm/W)
- Suspension kit and ceiling clip accessories

Benefits

- Thin lofty design suitable for suspension
- Significant energy savings due to high efficiency
- Low glare, creates contemporary working conditions and ensures a uniform overall appearance

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140052822	LEDPanelRc-SI-E Sq595-37W-3000-WH	37	3400	92	0,18A	≥80	22	3000	30,000	6956712647566	
140052823	LEDPanelRc-SI-E Sq595-37W-4000-WH	37	3500	95	0,18A	≥80	22	4000	30,000	6956712647573	

Accessories

Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140053712	LEDPanelRc-SI Sq600-Surface-Module-WH-CT	6956321875473	2,4	
140053150	LEDPanelRc-SI-E Mounting-Springs	6956712647900	0,5	
140055365	LEDPanel-SI-E-Suspension-Kit	6956712682802	0,15	

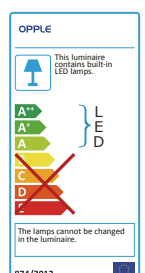
Available on request with 3- pole Wieland GST18i connector

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	4
Dimmable	NO
Colour of finish	White RAL9003
IP	20
IK	02
Protection class	II
Integrated driver (Yes/No)	Yes, can be seperated
Glow wire test	650°C
Driver failure rate	1% at 5,000 hrs
Weight (kg/pc)	3.3 (595 types)

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	100-240
AC / DC	AC

Mechanical Properties	
Housing material	Powder coated sheet metal
Optical material	Polycarbonate

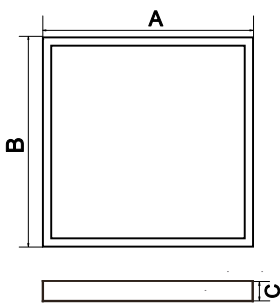
Application Conditions	
Operating temperature	-25 to +50
Application temperature	+25
Storage environment	-25-50°C



Product and packaging information

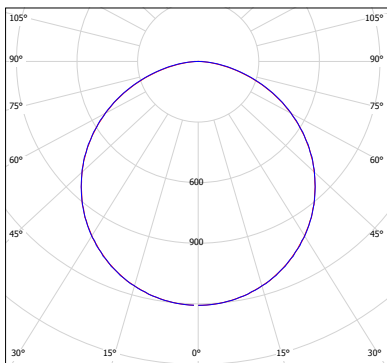
Item		Single box (1pc/box)			Outer box		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140052822	LEDPanelRc-SI-E Sq595-37W-3000-WH	42x650x690	4,1	6956712647566	192x665x718	17,3	6956712648532
140052823	LEDPanelRc-SI-E Sq595-37W-4000-WH	42x650x690	4,1	6956712647573	192x665x718	17,3	6956712648549
140053712	LEDPanelRc-SI Sq600-Surface-Module-WH-CT	50x600x600	2,4	6956321875473	280x608x608	12	6956321875589

Dimensional Drawing



Type	A(mm)	B(mm)	C(mm)
LED PL-SL-E SQ595 37W	595	595	7.7
LED PL-SL-E SQ622 37W	622	622	7.7

Photometric Data





LED Panel Suspended Zenith

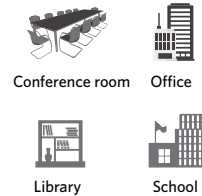
Features

- Stylish design panel with low height and translucent sides
- Standard equipped with UGR19 diffuser
- High lumen output and high efficacy up to 100 lm/W
- Standard equipped with DALI dimming functionality

Benefits

- Light up your offices and meeting rooms in an architectural way
- Save over 30% energy compared to fluorescent solutions

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	UGR	Lifespan (L80B50)	EAN1	Gross Price
140054053	LEDPanelSp-Z L1222-80W-DALI-3000-AL	75	7125	95	330	≥ 80	3000	19	40.000	6956321877071	
140054054	LEDPanelSp-Z L1222-80W-DALI-4000-AL	75	7500	100	330	≥ 80	4000	19	40.000	6956321877088	

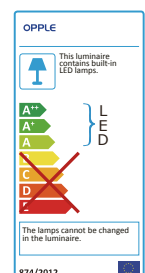
All codes include the required suspension kit
Suspension length 2.5m

Technical Specifications	
On-/Off-cycles	50.000
Colour consistency (SDCM)	≤ 3
Dimming	Yes (DALI versions)
UGR	19
Finishing	Aluminium
IP-grade	65
IK-grade	8
Integrated driver (Yes/No)	Yes
Glow wire test (°C)	650
Driver early failure rate	1% at 5.000 hrs
Product weight (kg)	4kg

Electrical Supply	
Frequency (Hz)	50/60
Voltage (V) (AC/DC)	220-240 AC
Insulation class	Class I

Mechanical Properties	
Housing material	Aluminium
Optical material	PMMA
Cover material	Semi-opaque PMMA

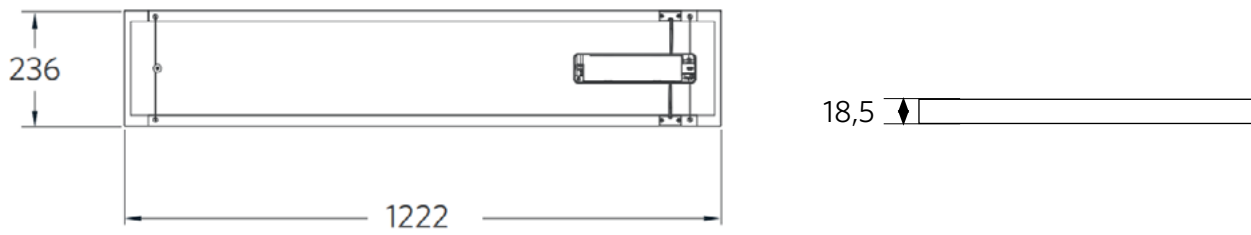
Application Conditions	
Operating temperate (°C)	-20 to +45
Reference temperate (°C)	25
Storage temperate (°C)	-25 to +50

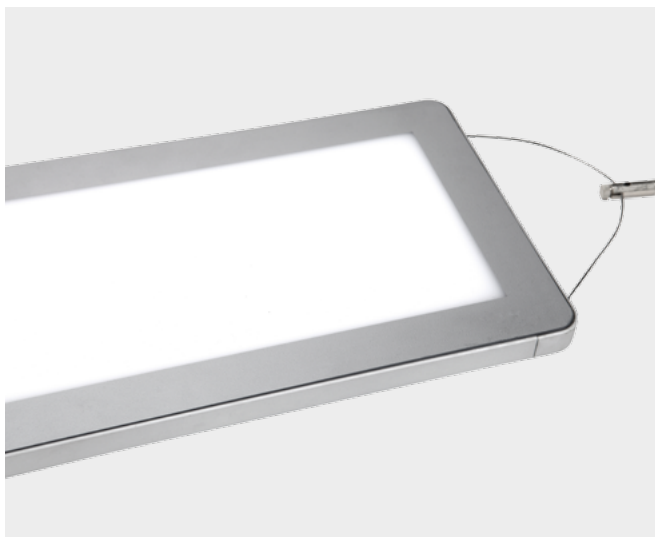


Product and packaging information

Item			Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1
140054053	LEDPanelSp-Z L1222-80W-DALI-3000-AL				6956321877071
140054054	LEDPanelSp-Z L1222-80W-DALI-4000-AL				6956321877088

Dimensional Drawing





LED Panel Suspended Superior

Features

- Ultra slim, stylish design
- Up to 88 Lm/W of efficacy
- Professional design distributes light both up and down
- High light output combined with high visual comfort (UGR<19)
- Extremely reliable luminaire, up to 50,000 hrs lifespan

Benefits

- Creates enjoyable and comfortable atmosphere
- Special design luminaire distributes light both up and down, combining comfort and efficiency
- Up to 50% lower energy consumption than traditional fluorescent TL luminaire
- Lower energy and maintenance costs

Application



Conference room Office

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140044582	LEDPanelSp-S L1520-95W-3000-SI-CT	95	8000	84	0.48A	≥80	19	3000	50,000	6956321845629	
140044580	LEDPanelSp-S L1520-95W-4000-SI-CT	95	8400	88	0.48A	≥80	19	4000	50,000	6956321845636	
140044581	LEDPanelSp-S L1520-95W-3000-BL-CT	95	8000	84	0.48A	≥80	19	3000	50,000	6956321845643	
140044579	LEDPanelSp-S L1520-95W-4000-BL-CT	95	8400	88	0.48A	≥80	19	4000	50,000	6956321845650	

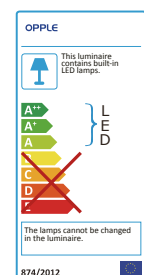
SI = Silver
BL = Black

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	No
Beam angle (°)	110 up+down
Colour of finish	Aluminum RAL 9006
IP	20
IK	02
Protection class	II
Integrated driver (Yes/No)	No
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	6,54
Length of steel cable (mm)	1,500

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Coated Steel
Optical material	Plastic

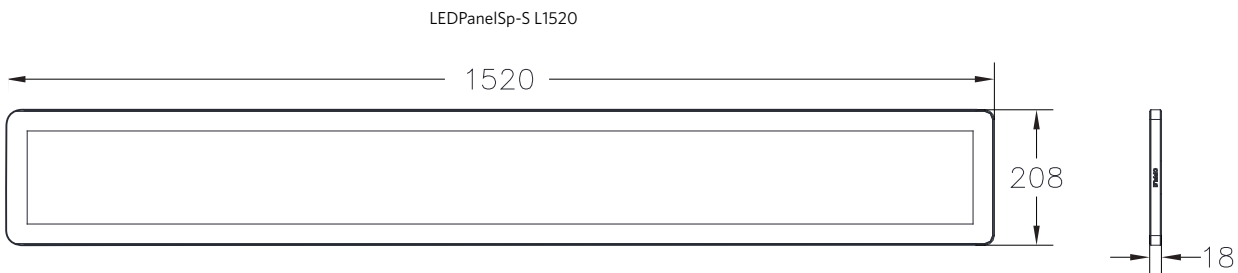
Application Conditions	
Operating temperature	-10 - +40°C
Application temperature	25°C
Storage environment	-25 - +50°C



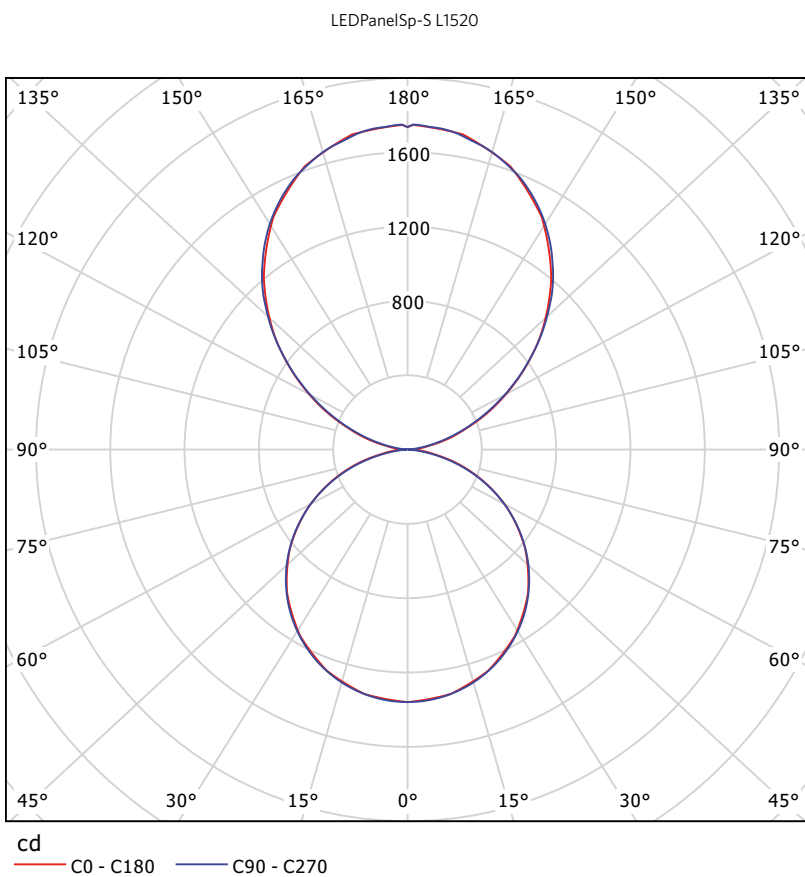
Product and packaging information

Item			Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1
140044582	LEDPanelSp-S L1520-95W-3000-SI-CT	18x208x1520	70x295x1690	8,15	6956321845629
140044580	LEDPanelSp-S L1520-95W-4000-SI-CT	18x208x1520	70x295x1690	8,15	6956321845636
140044581	LEDPanelSp-S L1520-95W-3000-BL-CT	18x208x1520	70x295x1690	8,15	6956321845643
140044579	LEDPanelSp-S L1520-95W-4000-BL-CT	18x208x1520	70x295x1690	8,15	6956321845650

Dimensional Drawing



Photometric Data





LED Downlight HR

Features

- Office compliant
- High system efficacy up to 97 Lm/W
- Extended lifetime up to 30,000 hrs
- Consistent light output, stable colour performance and good colour rendering (Ra ≥80)
- Optional with DALI dimming

Benefits

- Comfortable lighting making it easier to work and study
- Up to 50% lower energy consumption than CFL downlights
- Lower energy and maintenance costs
- Ideal replacement for CFL with a good selection of sizes

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140043947	LEDDownlightRc-HR R120-9W-3000-WH-CT	9	720	80	0.06A	≥80	19	3000	30,000	6956321843274	
140043948	LEDDownlightRc-HR R120-9W-4000-WH-CT	9	760	84	0.06A	≥80	19	4000	30,000	6956321843281	
140043949	LEDDownlightRc-HR R120-14W-3000-WH-CT	14	1150	82	0.08A	≥80	22	3000	30,000	6956321843298	
140043950	LEDDownlightRc-HR R120-14W-4000-WH-CT	14	1250	89	0.08A	≥80	22	4000	30,000	6956321843304	
140043951	LEDDownlightRc-HR R175-29W-3000-WH-CT	29	2450	84	0.14A	≥80	22	3000	30,000	6956321843311	
140043952	LEDDownlightRc-HR R175-29W-4000-WH-CT	29	2650	91	0.14A	≥80	22	4000	30,000	6956321843328	
140043953	LEDDownlightRc-HR R210-42W-3000-WH-CT	42	3500	83	0.21A	≥80	22	3000	30,000	6956321843335	
140043954	LEDDownlightRc-HR R210-42W-4000-WH-CT	42	3850	92	0.21A	≥80	22	4000	30,000	6956321843342	
140046173	LEDDownlightRc-HR R120-10W-DALI-3000-WH	10	700	70	0.05A	≥80	19	3000	30,000	6956321864347	
140046174	LEDDownlightRc-HR R120-10W-DALI-4000-WH	10	750	75	0.05A	≥80	19	4000	30,000	6956321864354	
140046175	LEDDownlightRc-HR R120-13W-DALI-3000-WH	13	980	75	0.07A	≥80	22	3000	30,000	6956321864361	
140046176	LEDDownlightRc-HR R120-13W-DALI-4000-WH	13	1050	81	0.07A	≥80	22	4000	30,000	6956321864378	
140046177	LEDDownlightRc-HR R175-25W-DALI-3000-WH	25	2200	88	0.11A	≥80	22	3000	30,000	6956321859084	
140046178	LEDDownlightRc-HR R175-25W-DALI-4000-WH	25	2400	96	0.11A	≥80	22	4000	30,000	6956321864385	
140046179	LEDDownlightRc-HR R210-36W-DALI-3000-WH	36	3160	88	0.16A	≥80	22	3000	30,000	6956321864392	
140046180	LEDDownlightRc-HR R210-36W-DALI-4000-WH	36	3500	97	0.16A	≥80	22	4000	30,000	6956321864408	

Available on request with 3- or 5- pole Wieland GST18i connector

Available on request with surface mounting modules (not for DALI versions) or with cut-out adapter rings

Emergency lighting available on request

Accessories

Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140053709	LEDDownlightRc R120-Surface-Module-WH-CT	6956321875442	0,61	
140053710	LEDDownlightRc R175-Surface-Module-WH-CT	6956321875459	0,80	
140053711	LEDDownlightRc R210-Surface-Module-WH-CT	6956321875466	1,00	
140053704	LEDDownlightRc-adapter-120-150-WH-CT	6956321875398	0,10	
140053705	LEDDownlightRc-adapter-175-200-WH-CT	6956321875404	0,12	
140053706	LEDDownlightRc-adapter-175-225-WH-CT	6956321875411	0,19	

Adapter rings



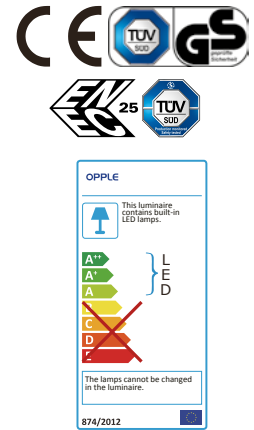
120⇒150mm 175⇒200mm 175⇒225mm

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	No / Yes (DALI)
Beam angle (°)	75
Colour of finish	White RAL9003
IP	44 - Visible part 20 - Recessed part
IK	02
Protection class	II
Integrated driver (Yes/No)	No
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	0.43 / 0.73 / 1.2

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Die-casting Aluminum
Optical material	Aluminum Coated PC

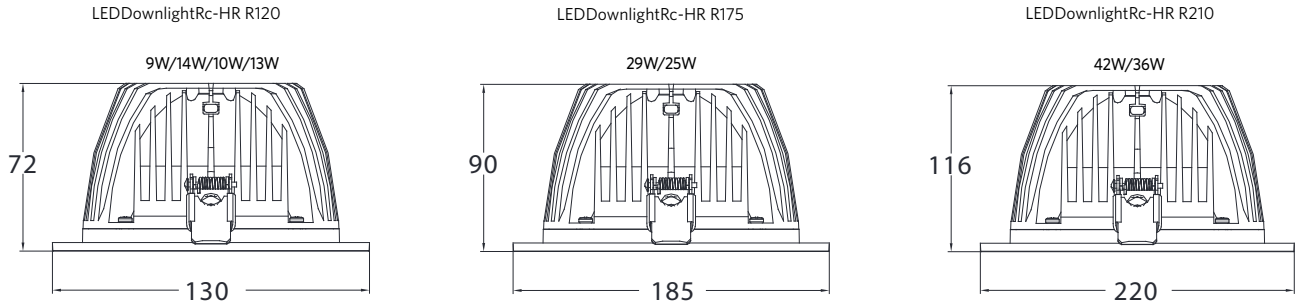
Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C



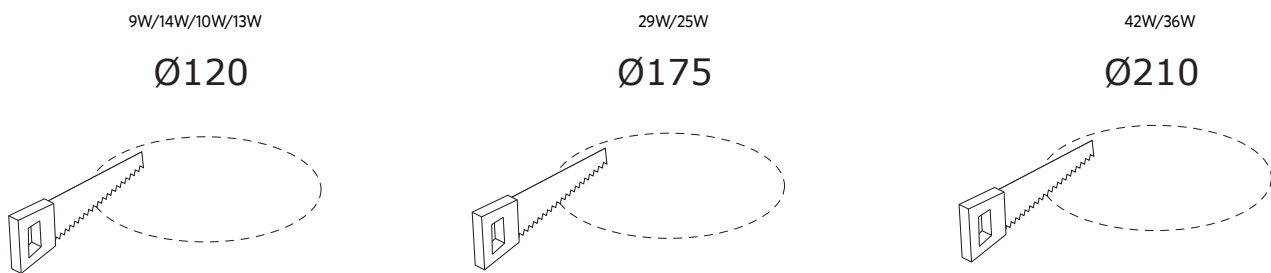
Packaging information

Item		Single box (1pc/box)			Outer box (6pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140043947	LEDDownlightRc-HR R120-9W-3000-WH-CT	100x135x135	0,45	6956321843274	320x150x290	2,9	6956321849085
140043948	LEDDownlightRc-HR R120-9W-4000-WH-CT	100x135x135	0,45	6956321843281	320x150x290	2,9	6956321849092
140043949	LEDDownlightRc-HR R120-14W-3000-WH-CT	100x135x135	0,45	6956321843298	320x150x290	3,0	6956321849108
140043950	LEDDownlightRc-HR R120-14W-4000-WH-CT	100x135x135	0,45	6956321843304	320x150x290	3,0	6956321849115
140043951	LEDDownlightRc-HR R175-29W-3000-WH-CT	120x188x188	0,83	6956321843311	140x396x584	5,8	6956321849122
140043952	LEDDownlightRc-HR R175-29W-4000-WH-CT	120x188x188	0,83	6956321843328	140x396x584	5,8	6956321849139
140043953	LEDDownlightRc-HR R210-42W-3000-WH-CT	145x250x250	1,43	6956321843335	455x267x520	9,6	6956321849146
140043954	LEDDownlightRc-HR R210-42W-4000-WH-CT	145x250x250	1,43	6956321843342	455x267x520	9,6	6956321849153
140046173	LEDDownlightRc-HR R120-10W-DALI-3000-WH	80x177x228	0,58	6956321864347	272x242x375	3,8	6956321864613
140046174	LEDDownlightRc-HR R120-10W-DALI-4000-WH	80x177x228	0,58	6956321864354	272x242x375	3,8	6956321864620
140046175	LEDDownlightRc-HR R120-13W-DALI-3000-WH	80x177x228	0,60	6956321864361	272x242x375	3,9	6956321864637
140046176	LEDDownlightRc-HR R120-13W-DALI-4000-WH	80x177x228	0,60	6956321864378	272x242x375	3,9	6956321864644
140046177	LEDDownlightRc-HR R175-25W-DALI-3000-WH	100x227x235	0,90	6956321859084	335x250x476	5,7	6956321859091
140046178	LEDDownlightRc-HR R175-25W-DALI-4000-WH	100x227x235	0,90	6956321864385	335x250x476	5,7	6956321864651
140046179	LEDDownlightRc-HR R210-36W-DALI-3000-WH	130x247x286	1,50	6956321864392	422x260x593	9,6	6956321864668
140046180	LEDDownlightRc-HR R210-36W-DALI-4000-WH	130x247x286	1,50	6956321864408	422x260x593	9,6	6956321864675
140053709	LEDDownlightRc R120-Surface-Module-WH-CT	185x235x235	0,89	6956321875442			
140053710	LEDDownlightRc R175-Surface-Module-WH-CT	185x235x235	1,08	6956321875459			
140053711	LEDDownlightRc R210-Surface-Module-WH-CT	185x235x235	1,28	6956321875466			
140053704	LEDDownlightRc-adapter-120-150-WH-CT	4x250x250	0,11	6956321875398	55x277x277	0,76	6956321875503
140053705	LEDDownlightRc-adapter-175-200-WH-CT	4x250x250	0,13	6956321875404	55x277x277	0,91	6956321875510
140053706	LEDDownlightRc-adapter-175-225-WH-CT	4x250x250	0,20	6956321875411	55x277x277	1,3	6956321875527

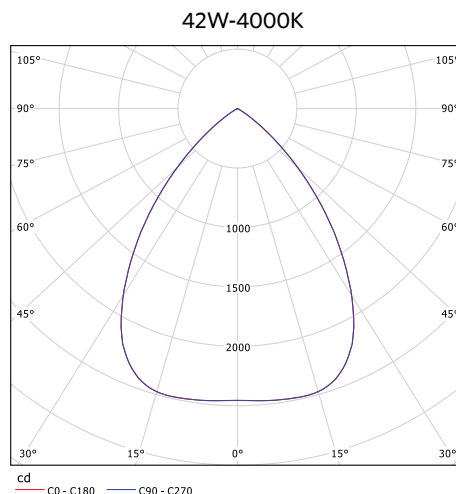
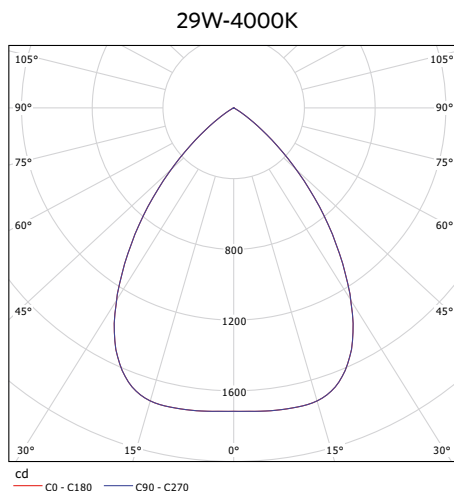
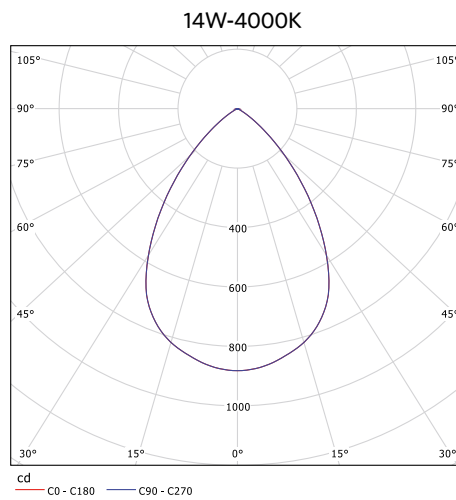
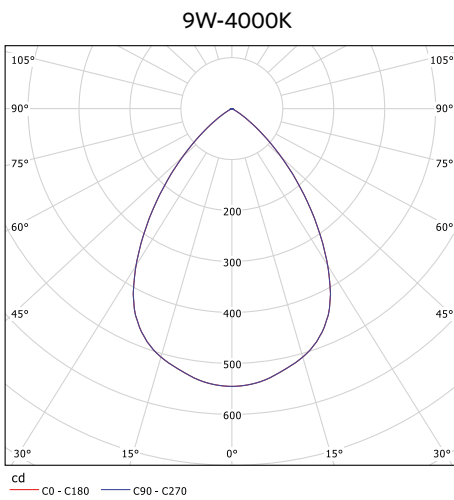
Dimensional Drawing



Installation Opening Drawing



Photometric Data





LED Downlight HM

Features

- Office compliant
- High system efficacy up to 100 Lm/W
- Extended lifetime up to 30,000 hrs
- Consistent light output, stable colour performance and good colour rendering ($Ra \geq 80$)
- Optional with DALI dimming

Benefits

- Comfortable lighting making it easier to work and study
- Up to 50% lower energy consumption than CFL downlights
- Lower energy and maintenance costs
- Ideal replacement for CFL with a good selection of sizes

Application



Office



Retail



Hotel



Medical



Airport

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140043939	LEDDownlightRc-HM R120-9W-3000-WH-CT	9	750	83	0.06A	≥ 80	25	3000	30,000	6956321843199	
140043940	LEDDownlightRc-HM R120-9W-4000-WH-CT	9	800	89	0.06A	≥ 80	25	4000	30,000	6956321843205	
140043941	LEDDownlightRc-HM R120-14W-3000-WH-CT	14	1250	89	0.08A	≥ 80	25	3000	30,000	6956321843212	
140043942	LEDDownlightRc-HM R120-14W-4000-WH-CT	14	1320	94	0.08A	≥ 80	25	4000	30,000	6956321843229	
140043943	LEDDownlightRc-HM R175-29W-3000-WH-CT	29	2550	88	0.14A	≥ 80	25	3000	30,000	6956321843236	
140043944	LEDDownlightRc-HM R175-29W-4000-WH-CT	29	2750	95	0.14A	≥ 80	25	4000	30,000	6956321843243	
140043945	LEDDownlightRc-HM R210-42W-3000-WH-CT	42	3650	87	0.21A	≥ 80	25	3000	30,000	6956321843250	
140043946	LEDDownlightRc-HM R210-42W-4000-WH-CT	42	4000	95	0.21A	≥ 80	25	4000	30,000	6956321843267	
140046362	LEDDownlightRc-HM R120-10W-DALI-3000-WH-CT	10	720	72	0.05A	≥ 80	25	3000	30,000	6956321864262	
140046363	LEDDownlightRc-HM R120-10W-DALI-4000-WH-CT	10	750	75	0.05A	≥ 80	25	4000	30,000	6956321864279	
140046364	LEDDownlightRc-HM R120-13W-DALI-3000-WH-CT	13	1000	77	0.07A	≥ 80	25	3000	30,000	6956321864286	
140046365	LEDDownlightRc-HM R120-13W-DALI-4000-WH-CT	13	1100	85	0.07A	≥ 80	25	4000	30,000	6956321864293	
140046366	LEDDownlightRc-HM R175-25W-DALI-3000-WH-CT	25	2300	92	0.11A	≥ 80	25	3000	30,000	6956321864309	
140046367	LEDDownlightRc-HM R175-25W-DALI-4000-WH-CT	25	2500	100	0.11A	≥ 80	25	4000	30,000	6956321864316	
140046368	LEDDownlightRc-HM R210-36W-DALI-3000-WH-CT	36	3300	92	0.16A	≥ 80	25	3000	30,000	6956321864323	
140046369	LEDDownlightRc-HM R210-36W-DALI-4000-WH-CT	36	3600	100	0.16A	≥ 80	25	4000	30,000	6956321864330	

Available on request with 3- or 5- pole Wieland GST18i connector

Available on request with surface mounting modules (not for DALI versions) or with cut-out adapter rings

Emergency lighting available on request

Accessories

Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140053709	LEDDownlightRc R120-Surface-Module-WH-CT	6956321875442	0,61	
140053710	LEDDownlightRc R175-Surface-Module-WH-CT	6956321875459	0,80	
140053711	LEDDownlightRc R210-Surface-Module-WH-CT	6956321875466	1,00	
140053704	LEDDownlightRc-adapter-120-150-WH-CT	6956321875398	0,10	
140053705	LEDDownlightRc-adapter-175-200-WH-CT	6956321875404	0,12	
140053706	LEDDownlightRc-adapter-175-225-WH-CT	6956321875411	0,19	

Adapter rings



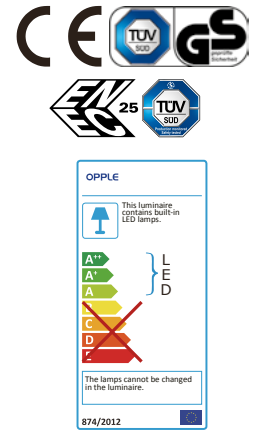
120 \rightarrow 150mm 175 \rightarrow 200mm 175 \rightarrow 225mm

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	3
Dimmable	No / Yes (DALI)
Beam angle (°)	75
Colour of finish	White RAL9003
IP	44 - Visible part 20 - Recessed part
IK	02
Protection class	II
Integrated driver (Yes/No)	No
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	0.43 / 0.73 / 1.2

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Die-casting Aluminum
Optical material	Aluminum Coated PC

Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C

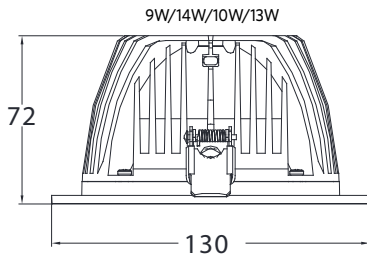


Packaging information

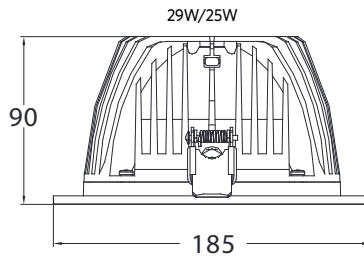
Item		Single box (1pc/box)			Outer box (6pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140043939	LEDDownlightRc-HM R120-9W-3000-WH-CT	100x135x135	0,45	6956321843199	320x150x290	2,9	6956321849009
140043940	LEDDownlightRc-HM R120-9W-4000-WH-CT	100x135x135	0,45	6956321843205	320x150x290	2,9	6956321849016
140043941	LEDDownlightRc-HM R120-14W-3000-WH-CT	100x135x135	0,45	6956321843212	320x150x290	3,0	6956321849023
140043942	LEDDownlightRc-HM R120-14W-4000-WH-CT	100x135x135	0,45	6956321843229	320x150x290	3,0	6956321849030
140043943	LEDDownlightRc-HM R175-29W-3000-WH-CT	120x188x188	0,83	6956321843236	140x396x584	5,8	6956321849047
140043944	LEDDownlightRc-HM R175-29W-4000-WH-CT	120x188x188	0,83	6956321843243	140x396x584	5,8	6956321849054
140043945	LEDDownlightRc-HM R210-42W-3000-WH-CT	145x250x250	1,43	6956321843250	455x267x520	9,6	6956321849061
140043946	LEDDownlightRc-HM R210-42W-4000-WH-CT	145x250x250	1,43	6956321843267	455x267x520	9,6	6956321849078
140046362	LEDDownlightRc-HM R120-10W-DALI-3000-WH-CT	80x177x228	0,58	6956321864262	272x242x375	3,8	6956321849009
140046363	LEDDownlightRc-HM R120-10W-DALI-4000-WH-CT	80x177x228	0,58	6956321864279	272x242x375	3,8	6956321849016
140046364	LEDDownlightRc-HM R120-13W-DALI-3000-WH-CT	80x177x228	0,60	6956321864286	272x242x375	3,9	6956321849023
140046365	LEDDownlightRc-HM R120-13W-DALI-4000-WH-CT	80x177x228	0,60	6956321864293	272x242x375	3,9	6956321849030
140046366	LEDDownlightRc-HM R175-25W-DALI-3000-WH-CT	100x227x235	0,90	6956321864309	335x250x476	5,7	6956321849047
140046367	LEDDownlightRc-HM R175-25W-DALI-4000-WH-CT	100x227x235	0,90	6956321864316	335x250x476	5,7	6956321849054
140046368	LEDDownlightRc-HM R210-36W-DALI-3000-WH-CT	130x247x286	1,50	6956321864323	422x260x593	9,6	6956321849061
140046369	LEDDownlightRc-HM R210-36W-DALI-4000-WH-CT	130x247x286	1,50	6956321864330	422x260x593	9,6	6956321849078
140053709	LEDDownlightRc R120-Surface-Module-WH-CT	185x235x235	0,89	6956321875442			
140053710	LEDDownlightRc R175-Surface-Module-WH-CT	185x235x235	1,08	6956321875459			
140053711	LEDDownlightRc R210-Surface-Module-WH-CT	185x235x235	1,28	6956321875466			
140053704	LEDDownlightRc-adapter-120-150-WH-CT	4x250x250	0,11	6956321875398	55x277x277	0,76	6956321875503
140053705	LEDDownlightRc-adapter-175-200-WH-CT	4x250x250	0,13	6956321875404	55x277x277	0,91	6956321875510
140053706	LEDDownlightRc-adapter-175-225-WH-CT	4x250x250	0,20	6956321875411	55x277x277	1,3	6956321875527

Dimensional Drawing

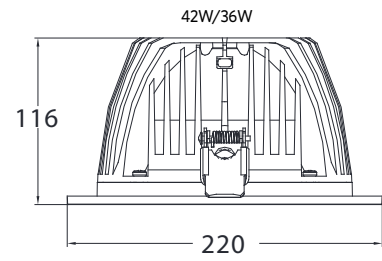
LEDDownlightRc-HM R120



LEDDownlightRc-HM R175



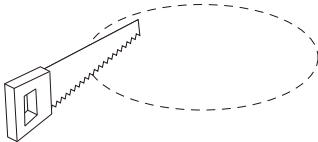
LEDDownlightRc-HM R210



Installation Opening Drawing

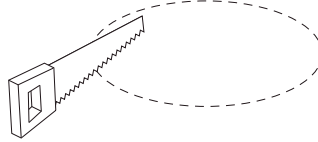
9W/14W/10W/13W

Ø120



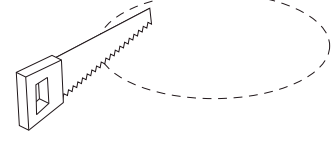
29W/25W

Ø175



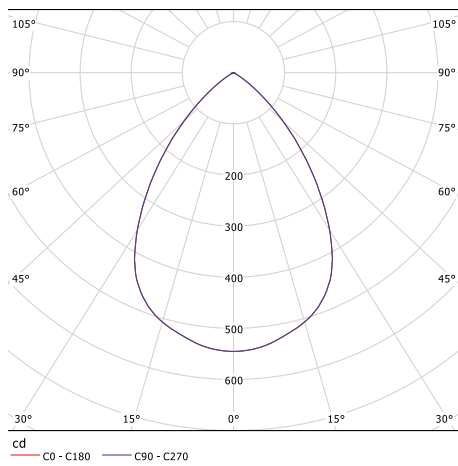
42W/36W

Ø210

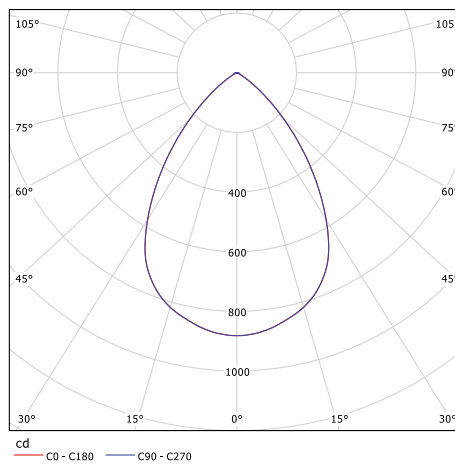


Photometric Data

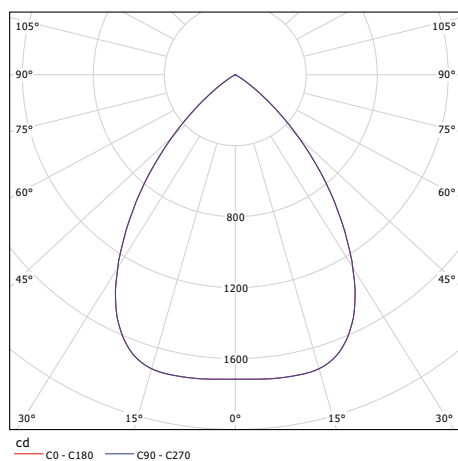
9W-4000K



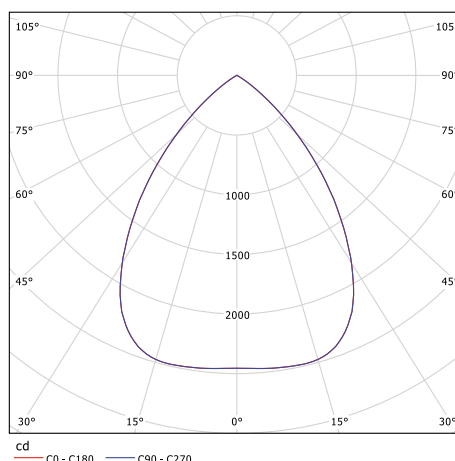
14W-4000K



29W-4000K



42W-4000K





LED Downlight HZ

Features

- Stable colour performance and high colour rendering
- Extended lifespan, high reliability
- Integrated unit, easy installation
- High system efficacy up to 93 Lm/W

Benefits

- Lower energy and maintenance costs
- Simply "install and forget", easy to switch from CFL to LED

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140043932	LEDDownlightRc HZ R120 8.5W-3000 WH CT	8,5	600	71	0.049A	≥80	25	3000	30,000	6956321843359	
140043933	LEDDownlightRc HZ R120 8.5W-4000 WH CT	8,5	650	76	0.049A	≥80	25	4000	30,000	6956321843366	
140043934	LEDDownlightRc HZ R172 10W-3000 WH CT	10,0	900	90	0.068A	≥80	25	3000	30,000	6956321843373	
140043935	LEDDownlightRc HZ R172 10W-4000 WH CT	10,0	930	93	0.068A	≥80	25	4000	30,000	6956321843380	
140043936	LEDDownlightRc HZ R172 13W-3000 WH CT	13,0	1100	85	0.072A	≥80	25	3000	30,000	6956321843397	
140043937	LEDDownlightRc HZ R172 13W-4000 WH CT	13,0	1170	90	0.072A	≥80	25	4000	30,000	6956321843403	

Accessories

Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140053704	LEDDownlightRc-adapter-120-150-WH-CT	6956321875398	0,10	
140053705	LEDDownlightRc-adapter-175-200-WH-CT	6956321875404	0,12	
140053706	LEDDownlightRc-adapter-175-225-WH-CT	6956321875411	0,19	

Adapter rings



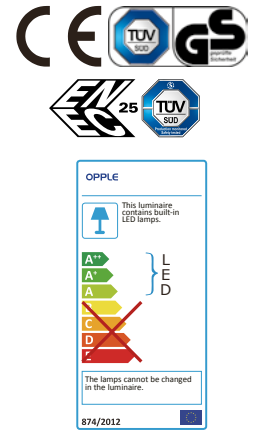
120⇌150mm 175⇌200mm 175⇌225mm

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	4
Dimmable	No
Beam angle (°)	104
Colour of finish	White RAL9003
IP	44 - Visible part 20 - Recessed part
IK	02
Protection class	II
Integrated driver (Yes/No)	Yes
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	0.21 / 0.32

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Aluminum + polycarbonate
Optical material	PMMA

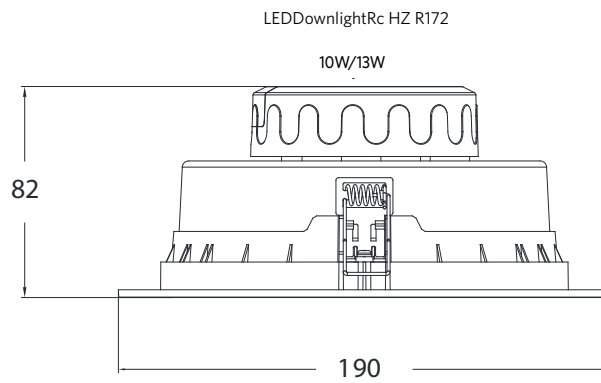
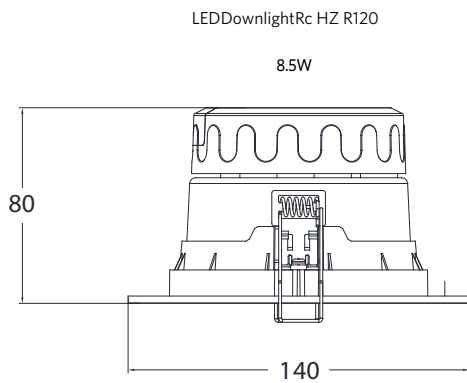
Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C



Packaging information

Item		Single box (1pc/box)			Outer box		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140043932	LEDDownlightRc HZ R120 8.5W-3000 WH CT	105x155x155	0,25	6956321843359	335x172x330	2.3	6956321849160
140043933	LEDDownlightRc HZ R120 8.5W-4000 WH CT	100x135x135	0,25	6956321843366	335x172x330	2.3	6956321849177
140043934	LEDDownlightRc HZ R172 10W-3000 WH CT	107x195x195	0,42	6956321843373	234x215x605	3.3	6956321849184
140043935	LEDDownlightRc HZ R172 10W-4000 WH CT	100x135x135	0,42	6956321843380	234x215x605	3.3	6956321849191
140043936	LEDDownlightRc HZ R172 13W-3000 WH CT	120x188x188	0,42	6956321843397	234x215x605	3.3	6956321849207
140043937	LEDDownlightRc HZ R172 13W-4000 WH CT	120x188x188	0,42	6956321843403	234x215x605	3.3	6956321849214

Dimensional Drawing

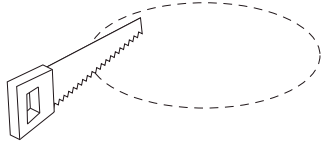


Installation Opening Drawing

LEDDownlightRc HZ R120

8.5W

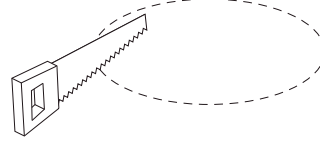
Ø120



LEDDownlightRc HZ R172

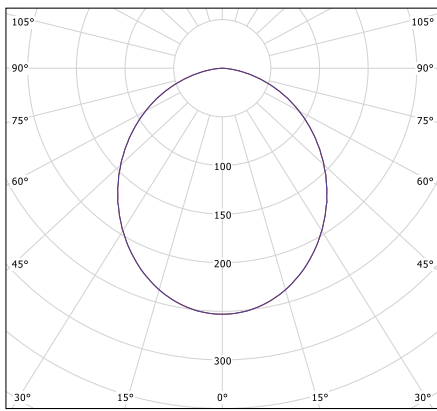
10W/13W

Ø172

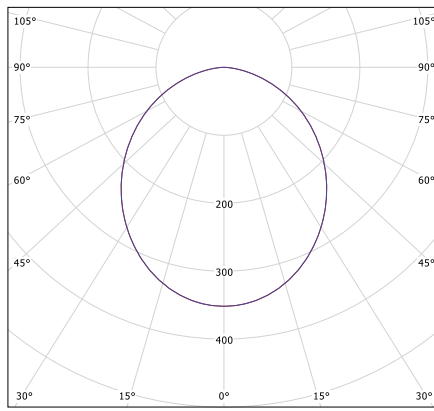


Photometric Data

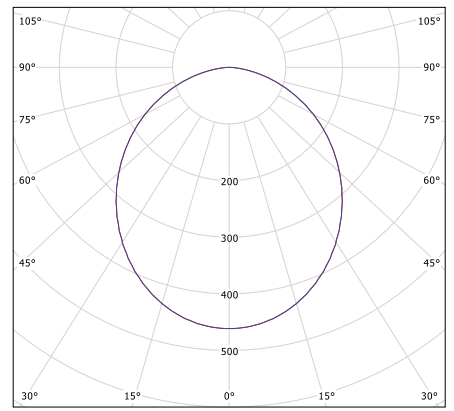
8,5W-3000K



10W-3000K



13W-3000K





LED Spot Performer 3C

Features

- High lumen packages with high efficacy: up to 2.550 lm and 85 lm/W
- Standard CRI of ≥ 90
- Opple 3C versions fit into universal Global tracks and other compatible tracks
- Available in matte white and matte black versions

Benefits

- Direct replacement for CDM 35W and CDM Elite spots
- Natural rendition of colours of merchandise
- High cost savings due to long lifetime (no lamp replacement) and best in class efficacy
- Attractive design with basic cylinder and box shapes fit easily into shop architectures

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Beam angle (°)	Lifespan (L80B50)	EAN1	Gross Price
140054439	LEDSpot3C-P 30W-3000-40D-WH	30	2400	80	150mA	≥ 90	3000	40	30,000	6956321877798	
140054443	LEDSpot3C-P 30W-3000-40D-BL	30	2400	80	150mA	≥ 90	3000	40	30,000	6956321877835	
140054447	LEDSpot3C-P 30W-4000-40D-WH	30	2550	85	150mA	≥ 90	4000	40	30,000	6956321877873	
140054451	LEDSpot3C-P 30W-4000-40D-BL	30	2550	85	150mA	≥ 90	4000	40	30,000	6956321877910	

Technical Specifications

On-/Off-cycles	50,000
Colour consistency (SDCM)	4
Dimming	No
UGR	19 (only for 60°: 25)
Finishing	Matte White or Matte Black
	Matte Black anti-glare ring
IP-grade	20
IK-grade	2
Integrated driver (Yes/No)	Yes
Glow wire test (°C)	650
Driver early failure rate	1% at 5,000 hr
Product weight (kg)	0.070

Electrical Supply

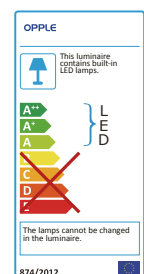
Frequency (Hz)	50/60
Voltage (V) (AC/DC)	220-240 AC
Insulation class	I

Mechanical Properties

Housing material	Die-cast aluminium
Optic material	Plastic and aluminium
Lens material	Injection moulded plastic (PC)

Application Conditions

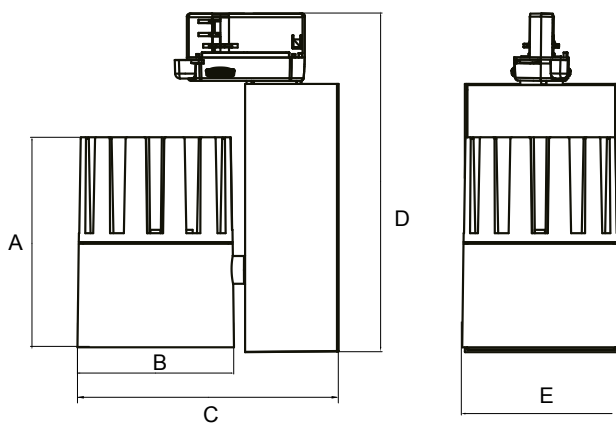
Operating temperate (°C)	-25 - +40
Reference temperate (°C)	25
Storage temperate (°C)	-25 - +50



Packaging information

Item		Single box (1pc/box)			Outer box (8pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140054439	LEDSpot3C-P 30W-3000-40D-WH	229x142x190	1,45	6956321877798	250x398x592	12,4	6956321878429
140054443	LEDSpot3C-P 30W-3000-40D-BL	229x142x190	1,45	6956321877835	250x398x592	12,4	6956321878467
140054447	LEDSpot3C-P 30W-4000-40D-WH	229x142x190	1,45	6956321877873	250x398x592	12,4	6956321878504
140054451	LEDSpot3C-P 30W-4000-40D-BL	229x142x190	1,45	6956321877910	250x398x592	12,4	6956321878542

Dimensional Drawing





LED Spot Performer RA

Features

- High lumen packages with high efficacy: up to 2.550 lm and 85 lm/W
- Standard CRI of ≥ 90
- Round adjustable recessed version: turnable and tiltable

Benefits

- Direct replacement for CDM 35W and CDM Elite spots
- Natural rendition of colours of merchandise
- High cost savings due to long lifetime (no lamp replacement) and best in class efficacy

Specifications

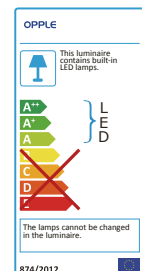
Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Beam angle (°)	Lifespan (L80B50)	EAN1	Gross Price
140054455	LEDSpotRA-P 30W-3000-40D-WH	30	2400	80	150mA	≥ 90	3000	40	30,000	6956321877958	
140054459	LEDSpotRA-P 30W-4000-40D-WH	30	2550	85	150mA	≥ 90	4000	40	30,000	6956321877996	

Technical Specifications	
On-/Off-cycles	50,000
Colour consistency (SDCM)	4
Dimming	No
UGR	19 (only for 60°: 25)
Finishing	Matte White
	Matte Black anti-glare ring
IP-grade	20
IK-grade	2
Integrated driver (Yes/No)	No
Glow wire test (°C)	650
Driver early failure rate	1% at 5,000 hr
Product weight (kg)	0.070

Electrical Supply	
Frequency (Hz)	50/60
Voltage (V) (AC/DC)	220-240 AC
Insulation class	I

Mechanical Properties	
Housing material	Die-cast aluminium
Optic material	Plastic and aluminium
Lens material	Injection moulded plastic (PC)

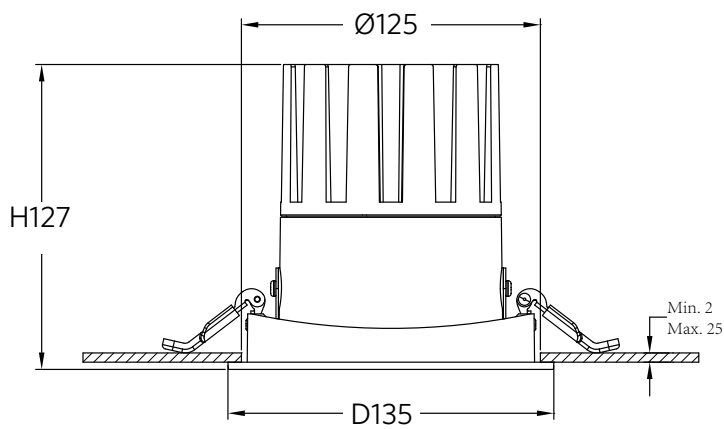
Application Conditions	
Operating temperate (°C)	-25 - +40
Reference temperate (°C)	25
Storage temperate (°C)	-25 - +50



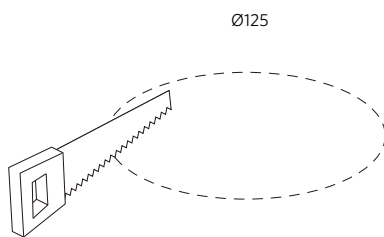
Packaging information

Item		Single box (1pc/box)			Outer box (8pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140054455	LEDSpotRA-P 30W-3000-40D-WH	138x216x238	1,2	6956321877958	294x442x486	10,7	6956321878580
140054459	LEDSpotRA-P 30W-4000-40D-WH	138x216x238	1,2	6956321877996	294x442x486	10,7	6956321878627

Dimensional Drawing



Installation Opening Drawing





LED Spot Round Adjustable HQ

Features

- Up to 80% lower energy consumption than halogen accent downlight
- Unique light mixing technique and optics design, UGR16 version
- 23° vertical angle adjustment with two beam angle options
- Available in Dim and Non-dim version
- See appendix 1 for dimmer compatibility list

Benefits

- Significantly lower energy and maintenance costs
- Uniform, clean and perfect spotlight
- High quality luminaire, for pleasant illumination
- Good beam orientation adjustment, providing greater flexibility for installation position
- Light intensity adjustable with triac dimmer
- Adjustable

Application



Home



Hotel



Restaurant



Retail

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140044416*	LEDSpotRa-HQ 7W-2700-24D-WH-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321845728	
140044417*	LEDSpotRa-HQ 7W-2700-40D-WH-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321845735	
140044095*	LEDSpotRa-HQ 7W-3000-24D-WH-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321844004	
140044097*	LEDSpotRa-HQ 7W-3000-40D-WH-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321844028	
140044099*	LEDSpotRa-HQ 7W-4000-24D-WH-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321844011	
140044101*	LEDSpotRa-HQ 7W-4000-40D-WH-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321844035	
140044412*	LEDSpotRa-HQ 7W-2700-24D-AL-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321845766	
140044413*	LEDSpotRa-HQ 7W-2700-40D-AL-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321845773	
140044079*	LEDSpotRa-HQ 7W-3000-24D-AL-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321844080	
140044081*	LEDSpotRa-HQ 7W-3000-40D-AL-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321844103	
140044083*	LEDSpotRa-HQ 7W-4000-24D-AL-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321844097	
140044085*	LEDSpotRa-HQ 7W-4000-40D-AL-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321844110	
140044428*	LEDSpotRA HQ 9W-2700-24D-WH-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321845742	
140044429*	LEDSpotRA HQ 9W-2700-40D-WH-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321845759	
140044119*	LEDSpotRA HQ 9W-3000-24D-WH-CT	9,0	600	67	0.05A	≥80	16	3000	30,000	6956321844042	
140044121*	LEDSpotRA HQ 9W-3000-40D-WH-CT	9,0	600	67	0.05A	≥80	16	3000	30,000	6956321844066	
140044123*	LEDSpotRA HQ 9W-4000-24D-WH-CT	9,0	640	71	0.05A	≥80	16	4000	30,000	6956321844059	
140044125*	LEDSpotRA HQ 9W-4000-40D-WH-CT	9,0	640	71	0.05A	≥80	16	4000	30,000	6956321844073	
140044424*	LEDSpotRA HQ 9W-2700-24D-AL-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321845780	
140044425*	LEDSpotRA HQ 9W-2700-40D-AL-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321845797	
140044103*	LEDSpotRA HQ 9W-3000-24D-AL-CT	9,0	600	67	0.05A	≥80	16	3000	30,000	6956321844127	
140044105*	LEDSpotRA HQ 9W-3000-40D-AL-CT	9,0	600	67	0.05A	≥80	16	3000	30,000	6956321844141	
140044107*	LEDSpotRA HQ 9W-4000-24D-AL-CT	9,0	640	71	0.05A	≥80	16	4000	30,000	6956321844134	
140044109*	LEDSpotRA HQ 9W-4000-40D-AL-CT	9,0	640	71	0.05A	≥80	16	4000	30,000	6956321844158	
140044422	LEDSpotRA-HQ 7W-Dim-2700-24D-WH-CT	7,0	400	57	0.04A	≥80	16	2700	30,000	6956321845667	
140044423	LEDSpotRA-HQ 7W-Dim-2700-40D-WH-CT	7,0	400	57	0.04A	≥80	16	2700	30,000	6956321845674	
140044094	LEDSpotRA-HQ 7W-Dim-3000-24D-WH-CT	7,0	420	60	0.04A	≥80	16	3000	30,000	6956321843762	
140044096	LEDSpotRA-HQ 7W-Dim-3000-40D-WH-CT	7,0	420	60	0.04A	≥80	16	3000	30,000	6956321843786	
140044098	LEDSpotRA-HQ 7W-Dim-4000-24D-WH-CT	7,0	450	64	0.04A	≥80	16	4000	30,000	6956321843779	

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140044100	LEDSpotRA-HQ 7W-Dim-4000-40D-WH-CT	7,0	450	64	0.04A	≥80	16	4000	30,000	6956321843793	
140044418	LEDSpotRA-HQ 7W-Dim-2700-24D-AL-CT	7,0	400	57	0.04A	≥80	16	2700	30,000	6956321845681	
140044419	LEDSpotRA-HQ 7W-Dim-2700-40D-AL-CT	7,0	400	57	0.04A	≥80	16	2700	30,000	6956321845698	
140044078	LEDSpotRA-HQ 7W-Dim-3000-24D-AL-CT	7,0	420	60	0.04A	≥80	16	3000	30,000	6956321843847	
140044080	LEDSpotRA-HQ 7W-Dim-3000-40D-AL-CT	7,0	420	60	0.04A	≥80	16	3000	30,000	6956321843861	
140044082	LEDSpotRA-HQ 7W-Dim-4000-24D-AL-CT	7,0	450	64	0.04A	≥80	16	4000	30,000	6956321843854	
140044084	LEDSpotRA-HQ 7W-Dim-4000-40D-AL-CT	7,0	450	64	0.04A	≥80	16	4000	30,000	6956321843878	
140044434	LEDSpotRA HQ 9.5W-Dim-2700-24D-WH-CT	9,5	580	61	0.05A	≥80	16	2700	30,000	6956321861735	
140044435	LEDSpotRA HQ 9.5W-Dim-2700-40D-WH-CT	9,5	580	61	0.05A	≥80	16	2700	30,000	6956321861742	
140044118	LEDSpotRA HQ 9.5W-Dim-3000-24D-WH-CT	9,5	600	63	0.05A	≥80	16	3000	30,000	6956321843809	
140044120	LEDSpotRA HQ 9.5W-Dim-3000-40D-WH-CT	9,5	600	63	0.05A	≥80	16	3000	30,000	6956321861681	
140044122	LEDSpotRA HQ 9.5W-Dim-4000-24D-WH-CT	9,5	640	67	0.05A	≥80	16	4000	30,000	6956321843816	
140044124	LEDSpotRA HQ 9.5W-Dim-4000-40D-WH-CT	9,5	640	67	0.05A	≥80	16	4000	30,000	6956321843830	
140044430	LEDSpotRA HQ 9.5W-Dim-2700-24D-AL-CT	9,5	580	61	0.05A	≥80	16	2700	30,000	6956321861698	
140044431	LEDSpotRA HQ 9.5W-Dim-2700-40D-AL-CT	9,5	580	61	0.05A	≥80	16	2700	30,000	6956321861704	
140044102	LEDSpotRA HQ 9.5W-Dim-3000-24D-AL-CT	9,5	600	63	0.05A	≥80	16	3000	30,000	6956321843885	
140044104	LEDSpotRA HQ 9.5W-Dim-3000-40D-AL-CT	9,5	600	63	0.05A	≥80	16	3000	30,000	6956321843908	
140044106	LEDSpotRA HQ 9.5W-Dim-4000-24D-AL-CT	9,5	640	67	0.05A	≥80	16	4000	30,000	6956321843892	
140044108	LEDSpotRA HQ 9.5W-Dim-4000-40D-AL-CT	9,5	640	67	0.05A	≥80	16	4000	30,000	6956321843915	

All 4000K versions available on request

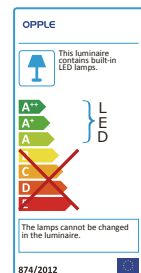
* To be phased out

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	4
Dimmable	No / Yes (Triac)
Beam angle (°)	24 / 40
Colour of finish	White RAL9003 Brushed Aluminum RAL 9022
IP	20
IK	02
Protection class	II
Integrated driver (Yes/No)	No
Glow wire test	650°C
Driver failure rate	1% at 5,000hrs
Weight (kg/pc)	0,19

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Aluminum+PC
Optical material	Plastic

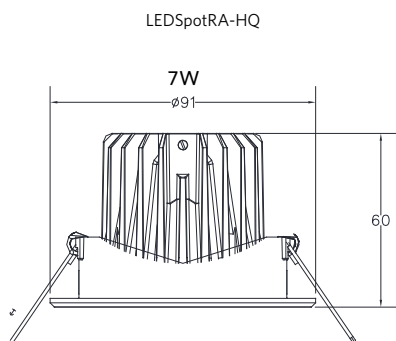
Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C



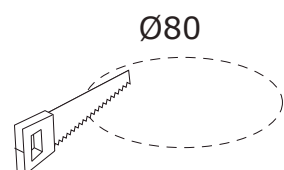
Packaging information

	Single box (1pc/box) (mm)	Outer box (10pcs/box) (mm)
Dimension (HxWxL) (7W)	95x115x115	210x130x600
Dimension (HxWxL) (9W/9.5W)	95x115x115	210x130x600
Gross Weight (kg)	0,3	3,7

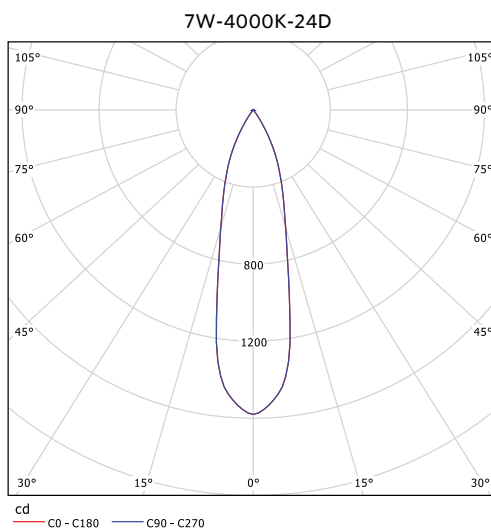
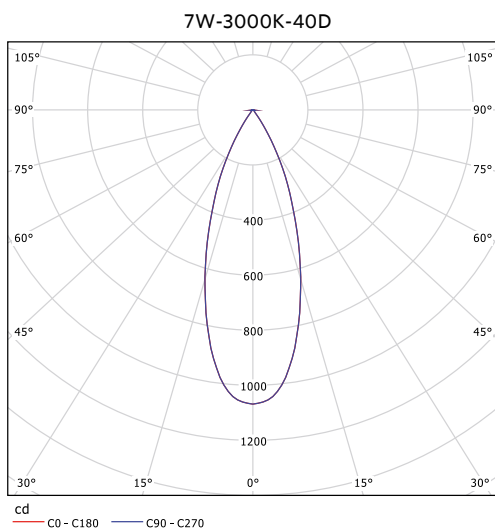
Dimensional Drawing



Installation Opening Drawing



Photometric Data





LED Spot Grid HQ

Features

- Up to 80% lower energy consumption than a halogen grill light
- Well thought-out design minimizes glare
- Same dimension opening as halogen grill light
- Dimmable versions available
- See appendix 1 for dimmer compatibility list

Benefits

- Significantly lower energy consumption
- Low glare, comfortable lighting
- Lower energy and maintenance costs
- Adjustable

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140044515*	LEDSpotGR-HQ-1 7W-2700-24D-WH-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321845841	
140044522*	LEDSpotGR-HQ-1 7W-2700-40D-WH-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321845858	
140043987*	LEDSpotGR-HQ-1 7W-3000-24D-WH-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321844240	
140043989*	LEDSpotGR-HQ-1 7W-3000-40D-WH-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321844264	
140043988*	LEDSpotGR-HQ-1 7W-4000-24D-WH-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321844257	
140043990*	LEDSpotGR-HQ-1 7W-4000-40D-WH-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321844271	
140044516*	LEDSpotGR-HQ-1 7W-2700-24D-AL-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321846008	
140044523*	LEDSpotGR-HQ-1 7W-2700-40D-AL-CT	7,0	400	57	0.05A	≥80	16	2700	30,000	6956321846015	
140044517*	LEDSpotGR-HQ-1 7W-3000-24D-AL-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321846022	
140044524*	LEDSpotGR-HQ-1 7W-3000-40D-AL-CT	7,0	420	60	0.05A	≥80	16	3000	30,000	6956321846046	
140044518*	LEDSpotGR-HQ-1 7W-4000-24D-AL-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321846039	
140044525*	LEDSpotGR-HQ-1 7W-4000-40D-AL-CT	7,0	450	64	0.05A	≥80	16	4000	30,000	6956321846053	
140044529*	LEDSpotGR-HQ-2 14W-2700-24D-WH-CT	14,0	800	57	2x0.05A	≥80	16	2700	30,000	6956321845865	
140044535*	LEDSpotGR-HQ-2 14W-2700-40D-WH-CT	14,0	800	57	2x0.05A	≥80	16	2700	30,000	6956321845872	
140043991*	LEDSpotGR-HQ-2 14W-3000-24D-WH-CT	14,0	840	60	2x0.05A	≥80	16	3000	30,000	6956321844288	
140043992*	LEDSpotGR-HQ-2 14W-4000-24D-WH-CT	14,0	900	64	2x0.05A	≥80	16	4000	30,000	6956321844295	
140043993*	LEDSpotGR-HQ-2 14W-3000-40D-WH-CT	14,0	840	60	2x0.05A	≥80	16	3000	30,000	6956321844301	
140043994*	LEDSpotGR-HQ-2 14W-4000-40D-WH-CT	14,0	900	64	2x0.05A	≥80	16	4000	30,000	6956321844318	
140044530*	LEDSpotGR-HQ-2 14W-2700-24D-AL-CT	14,0	800	57	2x0.05A	≥80	16	2700	30,000	6956321846060	
140044536*	LEDSpotGR-HQ-2 14W-2700-40D-AL-CT	14,0	800	57	2x0.05A	≥80	16	2700	30,000	6956321846077	
140044531*	LEDSpotGR-HQ-2 14W-3000-24D-AL-CT	14,0	840	60	2x0.05A	≥80	16	3000	30,000	6956321846084	
140044537*	LEDSpotGR-HQ-2 14W-3000-40D-AL-CT	14,0	840	60	2x0.05A	≥80	16	3000	30,000	6956321846107	
140044532*	LEDSpotGR-HQ-2 14W-4000-24D-AL-CT	14,0	900	64	2x0.05A	≥80	16	4000	30,000	6956321846091	
140044538*	LEDSpotGR-HQ-2 14W-4000-40D-AL-CT	14,0	900	64	2x0.05A	≥80	16	4000	30,000	6956321846114	
140044501*	LEDSpotGR-HQ-1 9W-2700-24D-WH-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321845926	
140044508*	LEDSpotGR-HQ-1 9W-2700-40D-WH-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321845933	
140044003*	LEDSpotGR-HQ-1 9W-3000-24D-WH-CT	9,0	600	67	0.05A	≥80	16	3000	30,000	6956321844400	
140044005*	LEDSpotGR-HQ-1 9W-3000-40D-WH-CT	9,0	600	67	0.05A	≥80	16	3000	30,000	6956321844424	
140044004*	LEDSpotGR-HQ-1 9W-4000-24D-WH-CT	9,0	640	71	0.05A	≥80	16	4000	30,000	6956321844417	
140044006*	LEDSpotGR-HQ-1 9W-4000-40D-WH-CT	9,0	640	71	0.05A	≥80	16	4000	30,000	6956321844431	
140044502*	LEDSpotGR-HQ-1 9W-2700-24D-AL-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321846244	
140044509*	LEDSpotGR-HQ-1 9W-2700-40D-AL-CT	9,0	580	64	0.05A	≥80	16	2700	30,000	6956321846251	

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	UGR	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140044503*	LEDSpotGR-HQ-1 9W-3000-24D-AL-CT	9,0	600	67	0,05A	≥80	16	3000	30,000	6956321846268	
140044510*	LEDSpotGR-HQ-1 9W-3000-40D-AL-CT	9,0	600	67	0,05A	≥80	16	3000	30,000	6956321846282	
140044504*	LEDSpotGR-HQ-1 9W-4000-24D-AL-CT	9,0	640	71	0,05A	≥80	16	4000	30,000	6956321846275	
140044511*	LEDSpotGR-HQ-1 9W-4000-40D-AL-CT	9,0	640	71	0,05A	≥80	16	4000	30,000	6956321846299	
140044451*	LEDSpotGR-HQ-2 18W-2700-24D-WH-CT	18,0	1160	64	0,10A	≥80	16	2700	30,000	6956321845940	
140044458*	LEDSpotGR-HQ-2 18W-2700-40D-WH-CT	18,0	1160	64	0,10A	≥80	16	2700	30,000	6956321845957	
140044007*	LEDSpotGR-HQ-2 18W-3000-24D-WH-CT	18,0	1200	67	0,10A	≥80	16	3000	30,000	6956321844448	
140044009*	LEDSpotGR-HQ-2 18W-3000-40D-WH-CT	18,0	1200	67	0,10A	≥80	16	3000	30,000	6956321844462	
140044008*	LEDSpotGR-HQ-2 18W-4000-24D-WH-CT	18,0	1280	71	0,10A	≥80	16	4000	30,000	6956321844455	
140044010*	LEDSpotGR-HQ-2 18W-4000-40D-WH-CT	18,0	1280	71	0,10A	≥80	16	4000	30,000	6956321844479	
140044452*	LEDSpotGR-HQ-2 18W-2700-24D-AL-CT	18,0	1160	64	0,10A	≥80	16	2700	30,000	6956321846305	
140044459*	LEDSpotGR-HQ-2 18W-2700-40D-AL-CT	18,0	1160	64	0,10A	≥80	16	2700	30,000	6956321846312	
140044453*	LEDSpotGR-HQ-2 18W-3000-24D-AL-CT	18,0	1200	67	0,10A	≥80	16	3000	30,000	6956321846329	
140044460*	LEDSpotGR-HQ-2 18W-3000-40D-AL-CT	18,0	1200	67	0,10A	≥80	16	3000	30,000	6956321846343	
140044454*	LEDSpotGR-HQ-2 18W-4000-24D-AL-CT	18,0	1280	71	0,10A	≥80	16	4000	30,000	6956321846336	
140044461*	LEDSpotGR-HQ-2 18W-4000-40D-AL-CT	18,0	1280	71	0,10A	≥80	16	4000	30,000	6956321846350	
140050792*	LEDSpotGR-HQ-1 9.5W-Dim-2700-24D-WH-CT	9,5	580	61	0,05A	≥80	16	2700	20000	6956321870393	
140050793	LEDSpotGR-HQ-1 9.5W-Dim-2700-40D-WH-CT	9,5	580	61	0,05A	≥80	16	2700	20000	6956321870409	
140050794*	LEDSpotGR-HQ-1 9.5W-Dim-3000-24D-WH-CT	9,5	600	63	0,05A	≥80	16	3000	20000	6956321870416	
140050795*	LEDSpotGR-HQ-1 9.5W-Dim-3000-40D-WH-CT	9,5	600	63	0,05A	≥80	16	3000	20,000	6956321870423	
140050796*	LEDSpotGR-HQ-1 9.5W-Dim-4000-24D-WH-CT	9,5	600	63	0,05A	≥80	16	4000	20,000	6956321870430	
140050797	LEDSpotGR-HQ-1 9.5W-Dim-4000-40D-WH-CT	9,5	600	63	0,05A	≥80	16	4000	20,000	6956321870447	
140050798*	LEDSpotGR-HQ-1 9.5W-Dim-2700-24D-AL-CT	9,5	580	61	0,05A	≥80	16	2700	20,000	6956321870454	
140050799	LEDSpotGR-HQ-1 9.5W-Dim-2700-40D-AL-CT	9,5	580	61	0,05A	≥80	16	2700	20,000	6956321870461	
140050800*	LEDSpotGR-HQ-1 9.5W-Dim-3000-24D-AL-CT	9,5	600	63	0,05A	≥80	16	3000	20,000	6956321870478	
140050801*	LEDSpotGR-HQ-1 9.5W-Dim-3000-40D-AL-CT	9,5	600	63	0,05A	≥80	16	3000	20,000	6956321870485	
140050802*	LEDSpotGR-HQ-1 9.5W-Dim-4000-24D-AL-CT	9,5	600	63	0,05A	≥80	16	4000	20,000	6956321870492	
140050803	LEDSpotGR-HQ-1 9.5W-Dim-4000-40D-AL-CT	9,5	600	63	0,05A	≥80	16	4000	20,000	6956321870508	
140050804*	LEDSpotGR-HQ-2 19W-Dim-2700-24D-WH-CT	19,0	1160	61	0,09A	≥80	16	2700	20,000	6956321870515	
140050805*	LEDSpotGR-HQ-2 19W-Dim-2700-40D-WH-CT	19,0	1160	61	0,09A	≥80	16	2700	20,000	6956321870522	
140050806*	LEDSpotGR-HQ-2 19W-Dim-3000-24D-WH-CT	19,0	1200	63	0,09A	≥80	16	3000	20,000	6956321870539	
140050807*	LEDSpotGR-HQ-2 19W-Dim-3000-40D-WH-CT	19,0	1200	63	0,09A	≥80	16	3000	20,000	6956321870546	
140050808*	LEDSpotGR-HQ-2 19W-Dim-4000-24D-WH-CT	19,0	1200	63	0,09A	≥80	16	4000	20,000	6956321870553	
140050809*	LEDSpotGR-HQ-2 19W-Dim-4000-40D-WH-CT	19,0	1200	63	0,09A	≥80	16	4000	20,000	6956321870560	
140050810*	LEDSpotGR-HQ-2 19W-Dim-2700-24D-AL-CT	19,0	1160	61	0,09A	≥80	16	2700	20,000	6956321870577	
140050811*	LEDSpotGR-HQ-2 19W-Dim-2700-40D-AL-CT	19,0	1160	61	0,09A	≥80	16	2700	20,000	6956321870584	
140050812*	LEDSpotGR-HQ-2 19W-Dim-3000-24D-AL-CT	19,0	1200	63	0,09A	≥80	16	3000	20,000	6956321870591	
140050813*	LEDSpotGR-HQ-2 19W-Dim-3000-40D-AL-CT	19,0	1200	63	0,09A	≥80	16	3000	20,000	6956321870607	
140050814*	LEDSpotGR-HQ-2 19W-Dim-4000-24D-AL-CT	19,0	1200	63	0,09A	≥80	16	4000	20,000	6956321870614	
140050815*	LEDSpotGR-HQ-2 19W-Dim-4000-40D-AL-CT	19,0	1200	63	0,09A	≥80	16	4000	20,000	6956321870621	

* To be phased out

Technical Specifications

On / Off cycles	50,000
Colour consistency (SDCM)	4
Dimmable	No/Yes (Triac)
Beam angle (°)	24 / 40
Colour of finish	White RAL9003/ Brushed Aluminum RAL9022
IP	20
IK	02
Protection class	II
Integrated driver (Yes/No)	No / Yes
Glow wire test	650°C
Driver failure rate	1% at 5000hrs
Weight (kg/pc)	0.46 / 0.74

Electrical Supply

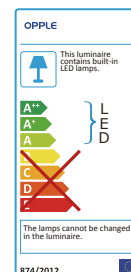
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties

Housing material	Steel+ Aluminium+PC
Optical material	Plastic

Application Conditions

Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C



Packaging information

LEDSpotGR-HQ-1

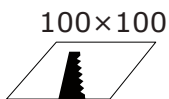
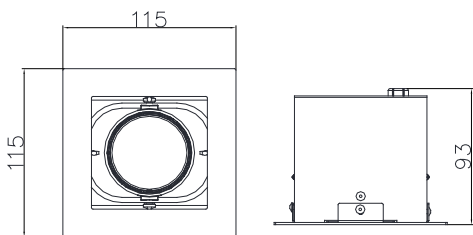
	Single box (1pc/box)(mm)	Outer box (6pcs/box)(mm)
Dimension (HxWxL)	105x140x160	335x175x300
Gross Weight (kg)	0,6	4,5

LEDSpotGR-HQ-2

	Single box (1pc/box)(mm)	Outer box (6pcs/box)(mm)
Dimension (HxWxL)	125x140x240	395x255x300
Gross Weight (kg)	0,9	6,2

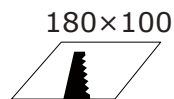
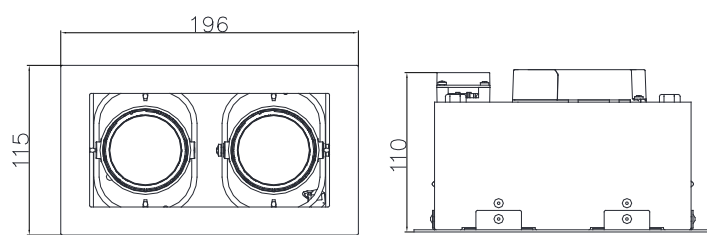
Dimensional Drawing & Installation Opening Drawing

LEDSpotGR-HQ-1



1

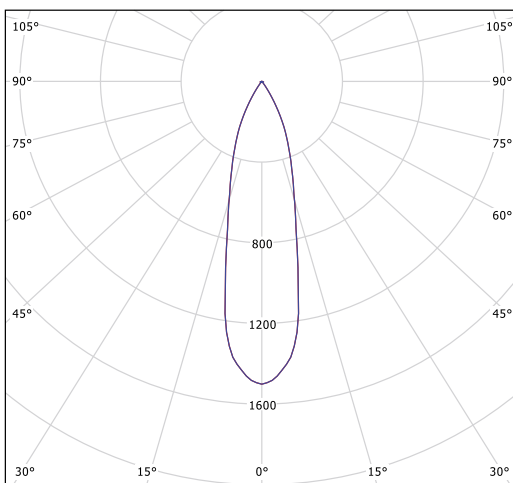
LEDSpotGR-HQ-2



1x2

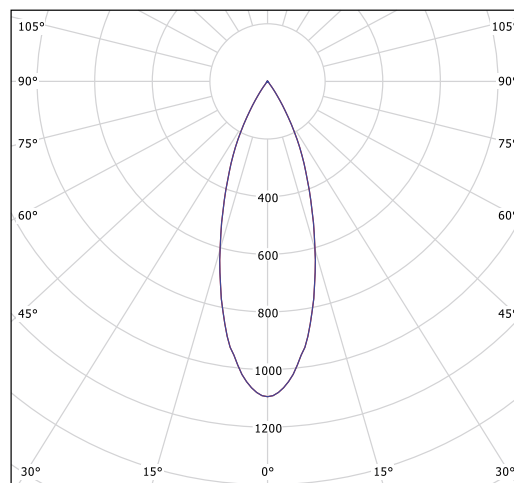
Photometric Data

LEDSpotGR-HQ-1



cd
— C0 - C180 — C90 - C270

LEDSpotGR-HQ-2



cd
— C0 - C180 — C90 - C270



LED spot EcoMax

Features

- Fixed spotlight with universal 68 mm cut-out
- Standard IP44 protection
- Available in matte white, brushed aluminium and smooth chrome finishes

Benefits

- Direct replacement for majority of halogen spotlights
- Over 85% savings of energy costs compared to halogen 35W
- Can be used in e.g. bathrooms and related environments
- Affordable yet sturdy design - made to last

Application



Home



Hotel



Restaurant



Retail

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Beam angle (°)	Lifespan (L80B50)	EAN1	Gross Price
140054076	LEDspotRF-E 4.5W-2700-36D-AL-CT	4.5	330	73	22mA	80	2700	36	20,000	6956321877279	
140054077	LEDspotRF-E 4.5W-4000-36D-AL-CT	4.5	350	78	22mA	80	4000	36	20,000	6956321877286	
140054078	LEDspotRF-E 4.5W-2700-36D-WH-CT	4.5	330	73	22mA	80	2700	36	20,000	6956321877293	
140054079	LEDspotRF-E 4.5W-4000-36D-WH-CT	4.5	350	78	22mA	80	4000	36	20,000	6956321877309	
140054080	LEDspotRF-E 4.5W-2700-36D-CH-CT	4.5	330	73	22mA	80	2700	36	20,000	6956321877316	
140054081	LEDspotRF-E 4.5W-4000-36D-CH-CT	4.5	350	78	22mA	80	4000	36	20,000	6956321877323	

Technical Specifications

On-/Off-cycles	50,000
Colour consistency (SDCM)	4
Dimming	No
UGR	N.A.
Finishing	Matte White front (matte white back) Brushed aluminium front (matte black back) Glossy chrome front (matte black back)
IP-grade	44
IK-grade	2
Integrated driver (Yes/No)	Yes
Glow wire test (°C)	650
Driver early failure rate	1% at 5,000 hr
Product weight (kg)	0.070

Electrical Supply

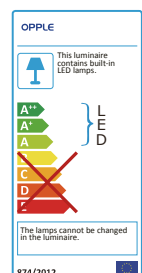
Frequency (Hz)	50/60
Voltage (V) (AC/DC)	220-240 AC
Insulation class	II

Mechanical Properties

Housing material	Injection moulded plastic (PC/ABS)
Lens material	Injection moulded plastic (PC)

Application Conditions

Operating temperate (°C)	-25 - +40
Reference temperate (°C)	25
Storage temperate (°C)	-25 - +50



Packaging information

Item		Single box (1pc/box)			Outer box (20 pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140054076	LEDSpotRF-E 4.5W-2700-36D-AL-CT	56x94x94	0,11	6956321877279	135x203x490	2,4	6956321878658
140054077	LEDSpotRF-E 4.5W-4000-36D-AL-CT	56x94x94	0,11	6956321877286	135x203x490	2,4	6956321878665
140054078	LEDSpotRF-E 4.5W-2700-36D-WH-CT	56x94x94	0,11	6956321877293	135x203x490	2,4	6956321878672
140054079	LEDSpotRF-E 4.5W-4000-36D-WH-CT	56x94x94	0,11	6956321877309	135x203x490	2,4	6956321878689
140054080	LEDSpotRF-E 4.5W-2700-36D-CH-CT	56x94x94	0,11	6956321877316	135x203x490	2,4	6956321878696
140054081	LEDSpotRF-E 4.5W-4000-36D-CH-CT	56x94x94	0,11	6956321877323	135x203x490	2,4	6956321878702



LED Wall-Mounted EcoMax

Features

- High efficacy, replacing 2x18W CFL fixtures
- IP66 and IK10 for use in demanding usage environments
- Instant full light on
- Option for combined motion/daylight sensor (type "microwave")
- Efficient and homogenous diffusor
- Available in modern round and square designs

Benefits

- Over 60% energy savings compared to compact fluorescent
- Lowering operation cost and maintenance cost
- Well integrated in architecture and comfortable light distribution
- Easy connection and installation

Application



Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	CRI	CCT (K)	Lifespan (L80B50)	EAN1	Gross Price
140051994	LEDWall-Mounted Rd300-14W-4000-WH	14	1100	85	≥ 80	4000	30,000	6956712644831	
140051995	LEDWall-Mounted Rd300-14W-4000-MD-WH	14	1100	85	≥ 80	4000	30,000	6956712644848	
140051996	LEDWall-Mounted Sq300-14W-4000-WH	14	1100	85	≥ 80	4000	30,000	6956712644855	
140051997	LEDWall-Mounted Sq300-14W-4000-MD-WH	14	1100	85	≥ 80	4000	30,000	6956712644862	
140051998	LEDWall-Mounted Rd300-14W-3000-WH	14	1000	77	≥ 80	3000	30,000	6956712644879	
140051999	LEDWall-Mounted Rd300-14W-3000-MD-WH	14	1000	77	≥ 80	3000	30,000	6956712644886	
140052000	LEDWall-Mounted Sq300-14W-3000-WH	14	1000	77	≥ 80	3000	30,000	6956712644893	
140052001	LEDWall-Mounted Sq300-14W-3000-MD-WH	14	1000	77	≥ 80	3000	30,000	6956712644909	

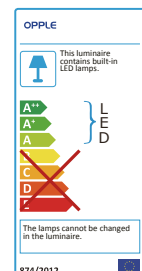
Emergency lighting available on request (incl. integrated 1hr battery pack)

Technical Specifications	
On-/Off-cycles	50,000
Colour consistency (SDCM)	5
Dimming	No
UGR	25
Finishing	White RAL9003
IP-grade	66
IK-grade	10
Protection class	II
Integrated driver (Yes/No)	Yes
Glow wire test (°C)	650
Driver early failure rate	1% at 5.000 hrs
Weight (kg/pc)	1,1/1,2

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Polycarbonate
Optical material	Polycarbonate

Application Conditions	
Operating temperature	-25 to +45
Application temperature	+25
Storage environment	-25 - +50°C

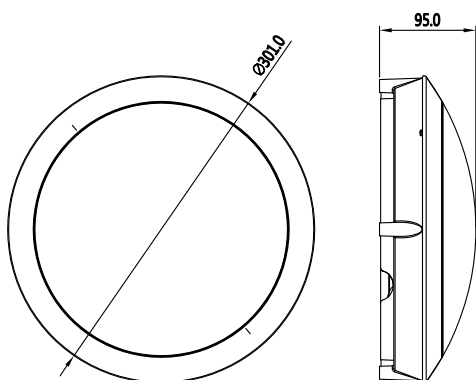


Packaging information

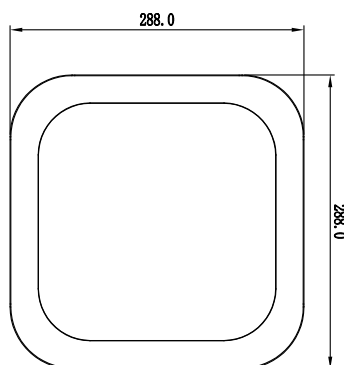
Item		Single box (1pc/box)			Outer box (8pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140051994	LEDWall-Mounted Rd300-13W-4000-WH	98x304x304	1.1	6956712644831	325x625x410	9.9	6956712644916
140051995	LEDWall-Mounted Rd300-13W-4000-MD-WH	98x304x304	1.1	6956712644848	325x625x410	10.0	6956712644923
140051996	LEDWall-Mounted Sq300-13W-4000-WH	91x291x291	1.2	6956712644855	312x597x382	10.3	6956712644930
140051997	LEDWall-Mounted Sq300-13W-4000-MD-WH	91x291x291	1.2	6956712644862	312x597x382	10.5	6956712644947
140051998	LEDWall-Mounted Rd300-13W-3000-WH	98x304x304	1.1	6956712644879	325x625x410	9.9	6956712644954
140051999	LEDWall-Mounted Rd300-13W-3000-MD-WH	98x304x304	1.1	6956712644886	325x625x410	10.0	6956712644961
140052000	LEDWall-Mounted Sq300-13W-3000-WH	91x291x291	1.2	6956712644893	312x597x382	10.3	6956712644978
140052001	LEDWall-Mounted Sq300-13W-3000-MD-WH	91x291x291	1.2	6956712644909	312x597x382	10.5	6956712644985

Dimensional Drawing

LEDWall-Mounted Rd300-13W

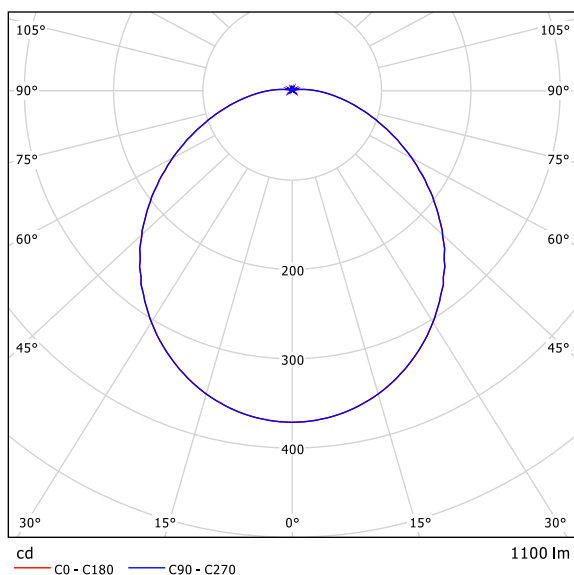


LEDWall-Mounted Sq300

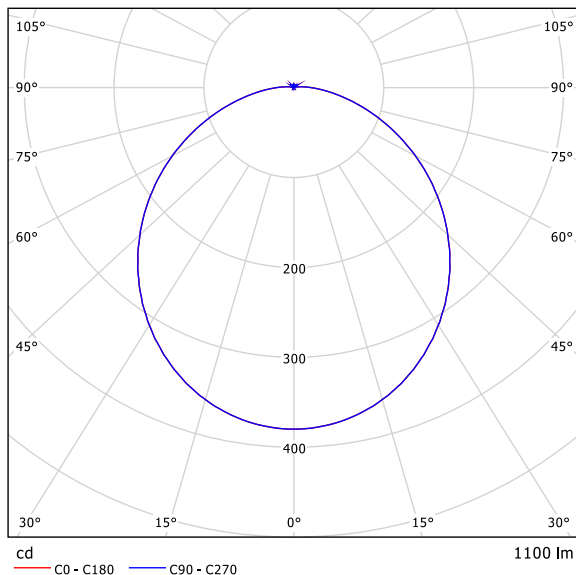


Photometric Data

LEDWall-Mounted Rd300-13W



LEDWall-Mounted Sq300





LED Highbay Performer

Features

- High efficacy, replacing up to 400W metal-halide high bay fixture
- IP65, meet variable demands for indoor and outdoor environments
- Instant full light on, and instant restart with 100% full luminous flux
- High effective convection heat sink with unique fins structure, assure 50,000hr lifespan and reliability
- Multiple beam angles and DALI versions available

Benefits

- Up to 80% energy savings compared with metal-halide high bay
- Lowering operation cost and maintenance cost
- Dedicated optics design can help to reduce the fixture quantities
- Flexible and easy installation

Application



Industrial



Warehouse

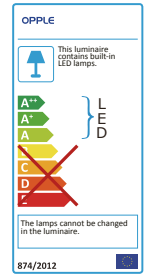


Station

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Beam Angle(°)	Lifespan (L80B50)	EAN1	Gross Price
140050743	LEDHighbay 100W-4000-60D-GY-CT	100	10,000	100	0.46A	≥ 80	4000	60	50,000	6956321872007	
140050744	LEDHighbay 100W-4000-100D-GY-CT	100	10,000	100	0.46A	≥ 80	4000	100	50,000	6956321872014	
140050745	LEDHighbay 100W-4000-60+100D-GY-CT	100	10,000	100	0.46A	≥ 80	4000	100+60	50,000	6956321872021	
140050746	LEDHighbay 150W-4000-60D-GY-CT	150	15,000	100	0.69A	≥ 80	4000	60	50,000	6956321872038	
140050747	LEDHighbay 150W-4000-100D-GY-CT	150	15,000	100	0.69A	≥ 80	4000	100	50,000	6956321872045	
140050748	LEDHighbay 150W-4000-60+100D-GY-CT	150	15,000	100	0.69A	≥ 80	4000	100+60	50,000	6956321872052	
140050749	LEDHighbay 200W-4000-60D-GY-CT	200	20,000	100	0.93A	≥ 80	4000	60	50,000	6956321872069	
140050750	LEDHighbay 200W-4000-100D-GY-CT	200	20,000	100	0.93A	≥ 80	4000	100	50,000	6956321872076	
140050751	LEDHighbay 200W-4000-60+100D-GY-CT	200	20,000	100	0.93A	≥ 80	4000	100+60	50,000	6956321872083	
140050752	LEDHighbay 100W-DALI-4000-60D-GY-CT	100	10,000	100	0.46A	≥ 80	4000	60	50,000	6956321872090	
140050753	LEDHighbay 100W-DALI-4000-100D-GY-CT	100	10,000	100	0.46A	≥ 80	4000	100	50,000	6956321872106	
140050754	LEDHighbay 100W-DALI-4000-60+100D-GY-CT	100	10,000	100	0.46A	≥ 80	4000	100+60	50,000	6956321872113	
140050755	LEDHighbay 150W-DALI-4000-60D-GY-CT	150	15,000	100	0.69A	≥ 80	4000	60	50,000	6956321872120	
140050756	LEDHighbay 150W-DALI-4000-100D-GY-CT	150	15,000	100	0.69A	≥ 80	4000	100	50,000	6956321872137	
140050757	LEDHighbay 150W-DALI-4000-60+100D-GY-CT	150	15,000	100	0.69A	≥ 80	4000	100+60	50,000	6956321872144	
140050758	LEDHighbay 200W-DALI-4000-60D-GY-CT	200	20,000	100	0.93A	≥ 80	4000	60	50,000	6956321872151	
140050759	LEDHighbay 200W-DALI-4000-100D-GY-CT	200	20,000	100	0.93A	≥ 80	4000	100	50,000	6956321872168	
140050760	LEDHighbay 200W-DALI-4000-60+100D-GY-CT	200	20,000	100	0.93A	≥ 80	4000	100+60	50,000	6956321872175	

Accessories



Item Code	Item Description	EAN1	Weight (kg/pc)	Gross Price
140044049	LEDHighbay-Pole-CT	6956321843731	0.53	
140044050	LEDHighbay-Bracket10-CT	6956321843748	0.75	
140052002	LEDHighbay-Bracket15-CT	6956321872922	0.81	
140054461	LEDHighbay-Glass-Opal-10	6956321878016		
140054462	LEDHighbay-Glass-Opal-15	6956321878023		

Bracket 10 fits 100/150W versions, Bracket 15 fits 200W versions

Glass-Opal 10 fits 100/150W versions, Glass-Opal 15 fits 200W versions

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	4
Dimmable	Yes (DALI versions)
Beam angle (°)	25
Colour of finish	Pantone Grey 417U
IP	65
IK	08
Protection class	Class I
Integrated driver (Yes/No)	Yes
Glow wire test	650
Driver failure rate	1% at 5.000 hrs
Weight (kg/pc)	5.2 (100-150W), 9.0 (200/210W)

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Die-cast aluminium
Optical material	PMMA
Cover material	Tempered glass

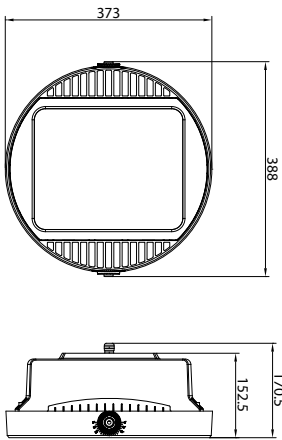
Application Conditions	
Operating temperature	-10 ~ +40°C
Application temperature	25°C
Storage environment	-25 ~ +50°C

Product and packaging information

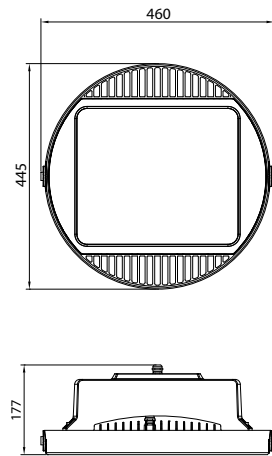
Item		Single box (1pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1
140050743	LEDHighbay 100W-4000-60D-GY-CT	212x440x440	8.0	6956321872007
140050744	LEDHighbay 100W-4000-100D-GY-CT	212x440x440	8.0	6956321872014
140050745	LEDHighbay 100W-4000-60+100D-GY-CT	212x440x440	8.0	6956321872021
140050746	LEDHighbay 150W-4000-60D-GY-CT	212x440x440	8.0	6956321872038
140050747	LEDHighbay 150W-4000-100D-GY-CT	212x440x440	8.0	6956321872045
140050748	LEDHighbay 150W-4000-60+100D-GY-CT	212x440x440	8.0	6956321872052
140050749	LEDHighbay 200W-4000-60D-GY-CT	250x530x530	11.4	6956321872069
140050750	LEDHighbay 200W-4000-100D-GY-CT	250x530x530	11.4	6956321872076
140050751	LEDHighbay 200W-4000-60+100D-GY-CT	250x530x530	11.4	6956321872083
140050752	LEDHighbay 100W-DALI-4000-60D-GY-CT	212x440x440	8.0	6956321872090
140050753	LEDHighbay 100W-DALI-4000-100D-GY-CT	212x440x440	8.0	6956321872106
140050754	LEDHighbay 100W-DALI-4000-60+100D-GY-CT	212x440x440	8.0	6956321872113
140050755	LEDHighbay 150W-DALI-4000-60D-GY-CT	212x440x440	8.0	6956321872120
140050756	LEDHighbay 150W-DALI-4000-100D-GY-CT	212x440x440	8.0	6956321872137
140050757	LEDHighbay 150W-DALI-4000-60+100D-GY-CT	212x440x440	8.0	6956321872144
140050758	LEDHighbay 200W-DALI-4000-60D-GY-CT	250x530x530	11.4	6956321872151
140050759	LEDHighbay 200W-DALI-4000-100D-GY-CT	250x530x530	11.4	6956321872168
140050760	LEDHighbay 200W-DALI-4000-60+100D-GY-CT	250x530x530	11.4	6956321872175
140044049	LEDHighbay-POLE-CT	315x50x60	0.6	6956321843731
140044050	LEDHighbay-Bracket10-CT	45x275x395	1.4	6956321843748
140052002	LEDHighbay-Bracket15-CT	46x288x475	1.4	6956321872922
140054461	LEDHighbay-Glass-Opal-10	30x270x218	0.85	6956321878016
140054462	LEDHighbay-Glass-Opal-15	30x320x368	1.1	6956321878023

Dimensional Drawing

LED Highbay 100W/150W

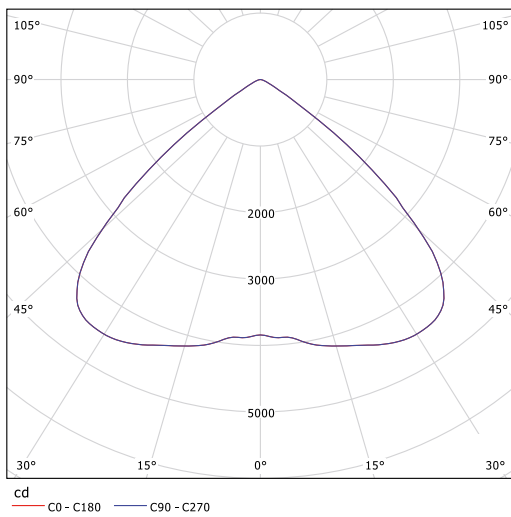


LED Highbay 200W

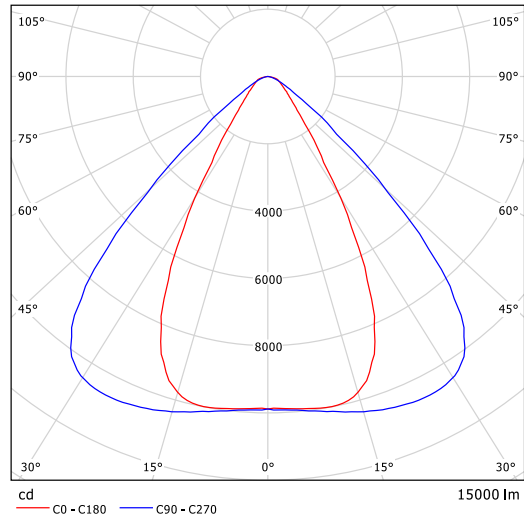


Photometric Data

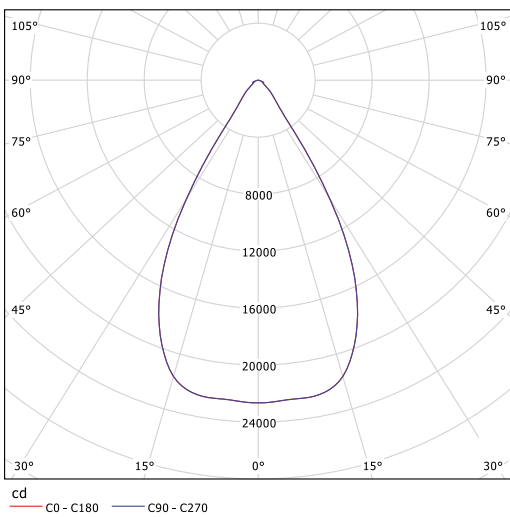
LEDHighbay 100W-100D

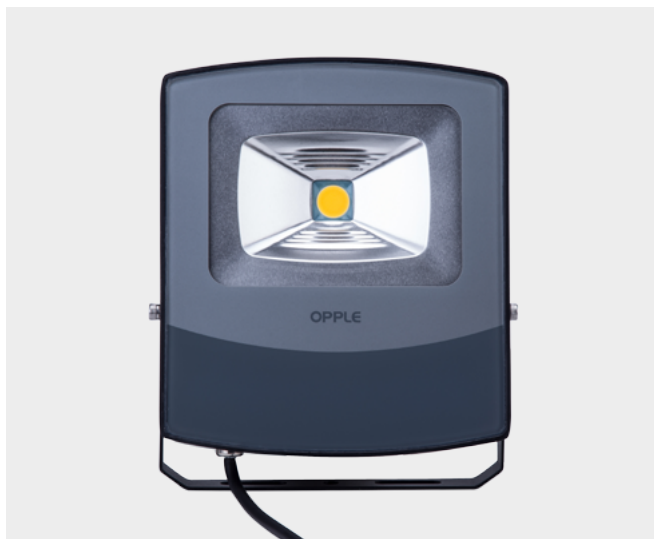


LEDHighbay 150W-60+100D



LEDHighbay 200W-60D





LED Floodlight

Features

- Slim body with “Wave-Shape” heatsink and clipless cover
- High Efficacy of 95 lm/W
- IK08 and IP65

Benefits

- Aesthetic modern design
- High energy saving compared to halogen and high pressure sodium lamps
- Robust and water- and dustproof

Application



Industrial



Warehouse



Station



Parking

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Beam Angle(°)	Lifespan (L80B50)	EAN1	Gross Price
140054491	LEDflood-E Re250-30W-4000-GR	30	2850	95	133mA	80	4,000	110	30,000	6956712681942	
140054492	LEDflood-E Re280-50W-4000-GR	50	4750	95	249mA	80	4,000	110	30,000	6956712681959	
140054493	LEDflood-E Re280-70W-4000-GR	70	6650	95	330mA	80	4,000	110	30,000	6956712681966	

Technical Specifications

On-/Off-cycles	50,000
Colour consistency (SDCM)	4
Dimming	No
UGR	N.A.
Finishing	Black
IP-grade	65
IK-grade	8
Integrated driver (Yes/No)	Yes
Glow wire test (°C)	650
Driver early failure rate	1% at 5,000 hr
Product weight (kg)	1.6 kg (30W), 2.2 kg (50/70W)

Electrical Supply

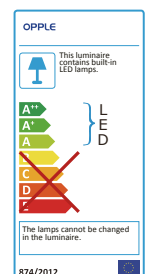
Frequency (Hz)	50/60
Voltage (V) (AC/DC)	220-240 AC
Insulation class	I

Mechanical Properties

Housing material	Die-cast aluminium
Optical material	Aluminium
Cover material	Tempered glass

Application Conditions

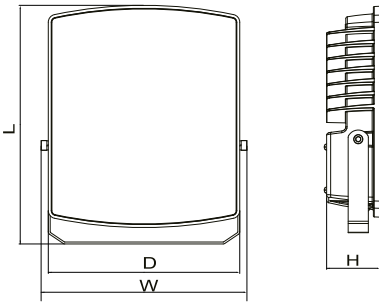
Operating temperature (°C)	
Reference temperature (°C)	25 C
Storage temperature (°C)	-30 - +60 C



Product and packaging information

Item		Single box (1pc/box)			Outer box 30W: 8 pcs/box 50/70W: 6 pcs/box		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140054491	LED Flood-E Re250-30W-4000-GR	108x248x295	1.6	6956712681942	315x450x510		6956712681973
140054492	LED Flood-E Re280-50W-4000-GR	118x288x335	2.2	6956712681959	355x370x590		6956712681980
140054493	LED Flood-E Re280-70W-4000-GR	118x288x335	2.2	6956712681966	355x370x590		6956712681997

Dimensional Drawing



Model	L (mm)	W (mm)	H (mm)	D (mm)
LED FL-E R250-30W	250	215	62	200
LED FL-E R280-50W	280	248	65	230
LED FL-E R280-70W	280	248	65	230



LED Waterproof Performer

Features

- Standard prepared for through-wiring
- 65cm versions
- DALI versions
- Extremely reliable luminaire, up to 50,000 hrs lifespan
- PC with light-diffusing agent and UV stabilized polycarbonate diffuser
- Impact resistant (IK08)
- IP65
- Mounting clips of stainless steel

Benefits

- Easy installation and maintenance
- Up to 50% lower energy consumption than traditional TL luminaire
- Uniform light & light efficacy exceeding 85%
- No flickering

Application



Industrial



Warehouse



Parking



Medical



School

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Equivalent to (W)	Lifespan (L80B50)	EAN1	Gross Price
140049253	LEDWaterproof-P L653-13W-4000-FR-CT	13	1000	77	0.06A	≥ 80	4000	1x18W	50,000	6956712628763	
140049255	LEDWaterproof-P L653-25W-4000-FR-CT	25	2000	80	0.11A	≥ 80	4000	2x18W	50,000	6956712628787	
140044583	LEDWaterproof-P L1263-25W-4000-FR-CT	25	2000	80	0.14A	≥ 80	4000	1x36W	50,000	6956712666741	
140044585	LEDWaterproof-P L1263-52W-4000-FR-CT	52	4200	80	0.27A	≥ 80	4000	2x36W	50,000	6956712666758	
140044584	LEDWaterproof-P L1563-30W-4000-FR-CT	30	2600	86	0.16A	≥ 80	4000	1x58W	50,000	6956712666765	
140044586	LEDWaterproof-P L1563-65W-4000-FR-CT	65	5200	80	0.33A	≥ 80	4000	2x58W	50,000	6956712666772	
140050669	LEDWaterproof-P L1263-25W-DALI-4000-FR	25	2000	80	0.12A	≥ 80	4000	1x36W	50,000	6958001317037	
140050670	LEDWaterproof-P L1263-52W-DALI-4000-FR	52	4200	80	0.24A	≥ 80	4000	2x36W	50,000	6958001317044	
140050671	LEDWaterproof-P L1563-35W-DALI-4000-FR	35	2600	75	0.16A	≥ 80	4000	1x58W	50,000	6958001317051	
140050672	LEDWaterproof-P L1563-65W-DALI-4000-FR	65	5200	80	0.30A	≥ 80	4000	2x58W	50,000	6958001317068	

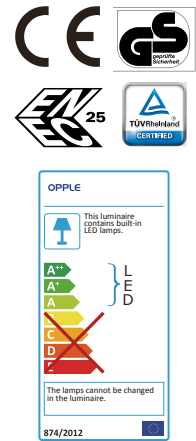
Emergency lighting available on request (incl. 1hr battery pack), not available for 13W version

Technical Specifications	
On / Off cycles	50,000
Colour consistency (SDCM)	≤ 4
Dimmable	Yes (DALI versions)
Beam angle (°)	25
Colour of finish	Grey 421C
IP	65
IK	08
Protection class	Class I
Integrated driver (Yes/No)	Yes
Glow wire test	650
Driver failure rate	1% at 5.000 hrs
Weight (kg/pc)	1.0 (13W), 1.4 (25W), 1.8 (52W), 2.1 (30W), 2.5 (65W)

Electrical Supply	
Frequency (Hz)	50 / 60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing material	Polycarbonate (PC)
Optical material	Polycarbonate (PC)
Mounting clips	Stainless steel

Application Conditions	
Operating temperature	-20 - +45°C
Application temperature	25°C
Storage environment	-25 - +50°C

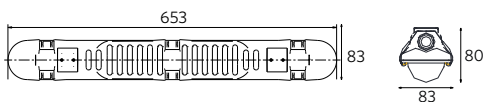


Packaging information

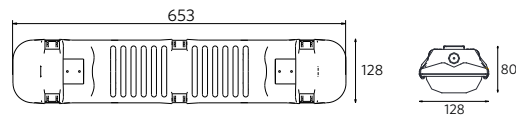
Item		Single box (1pc/box)			Outer box (6pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140049253	LEDWaterproof-P L653-13W-4000-FR-CT	90x90x660	1.2	6956712628763	195x295x730	7.7	6956712633385
140049255	LEDWaterproof-P L653-25W-4000-FR-CT	90x135x660	1.5	6956712628787	195x435x730	10.0	6956712633408
140044583	LEDWaterproof-P L1263-25W-4000-FR-CT	90x90x1270	2.0	6956712666741	205x295x1340	12.8	6956712631756
140044585	LEDWaterproof-P L1263-52W-4000-FR-CT	90x135x1270	2.3	6956712666758	205x435x1340	15.7	6956712631763
140044584	LEDWaterproof-P L1563-30W-4000-FR-CT	90x90x1570	3.0	6956712666765	205x295x1640	17.4	6956712631770
140044586	LEDWaterproof-P L1563-65W-4000-FR-CT	90x135x1570	3.5	6956712666772	205x435x1640	20.8	6956712631787
140050669	LEDWaterproof-P L1263-25W-DALI-4000-FR	90x90x1270	2.0	6958001317037	205x295x1340	12.9	6958001318270
140050670	LEDWaterproof-P L1263-52W-DALI-4000-FR	90x135x1270	2.6	6958001317044	205x435x1340	17.6	6958001318287
140050671	LEDWaterproof-P L1563-35W-DALI-4000-FR	90x90x1570	2.3	6958001317051	205x295x1640	15.7	6958001318294
140050672	LEDWaterproof-P L1563-65W-DALI-4000-FR	90x135x1570	3.5	6958001317068	205x435x1640	20.8	6958001318300

Dimensional Drawing

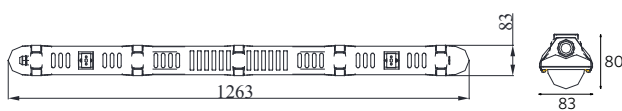
LEDWaterproof-P L653-13W



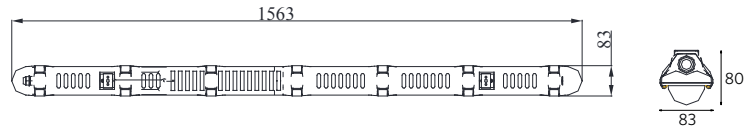
LEDWaterproof-P L653-25W



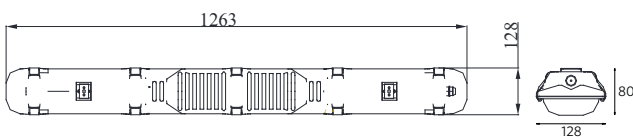
LEDWaterproof-P L1263-25W



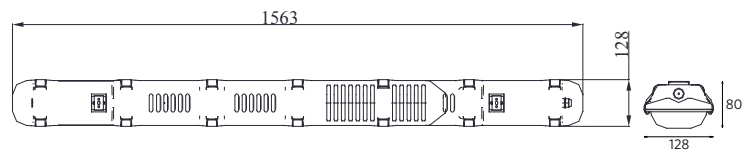
LEDWaterproof-P L1563-30W



LEDWaterproof-P L1263-52W

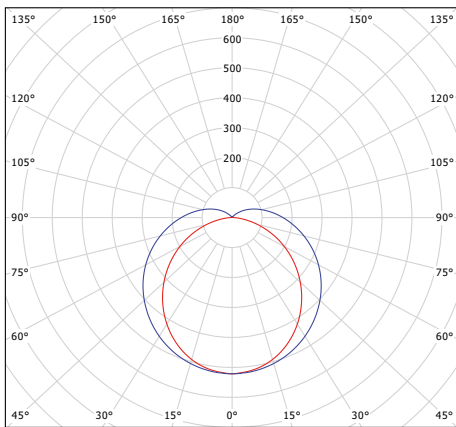


LEDWaterproof-P L1563-65W



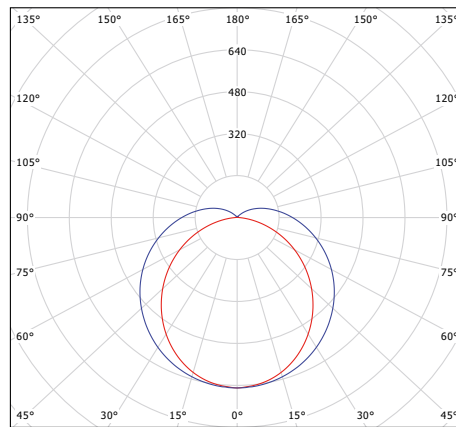
Photometric Data

25W



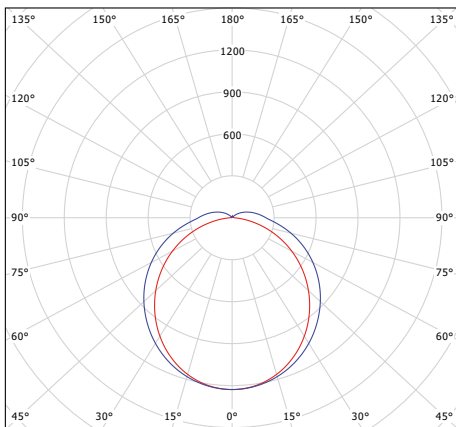
cd
— C0 - C180 — C90 - C270

30W



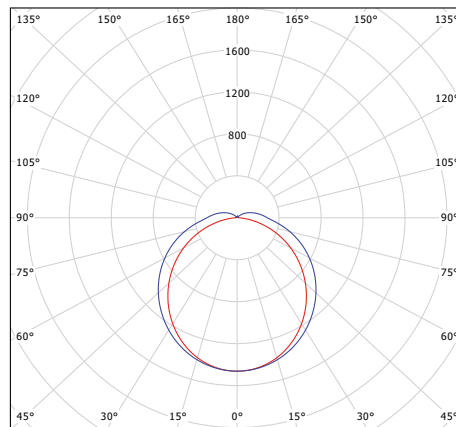
cd
— C0 - C180 — C90 - C270

52W



cd
— C0 - C180 — C90 - C270

65W



cd
— C0 - C180 — C90 - C270



LED T5 Batten EcoMax

Features

- Supplied with cable and connection accessories
- Reliable and affordable energy-efficient LED tube
- Slim fixture high efficacy up to 89 Lm/W
- Battens connect up to 15 meters

Benefits

- Easy to install
- Up to 50% lower energy consumption
- Extended lifespan also reduces maintenance costs
- No warm-up time, 100% light instantly when switched on

Application



Home



Parking



Shopping mall

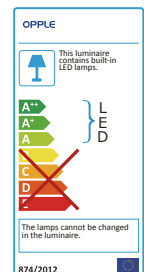


Hotel

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Weight	Energy level	EAN1	Gross Price
140043898	LED E T5 batten 600 9W 800lm 3000K CT	9	800	89	76mA	≥80	3000	30,000	140	A+	6956712666215	
140043899	LED E T5 batten 600 9W 800lm 4000K CT	9	800	89	76mA	≥80	4000	30,000	140	A+	6956712666222	
140043900	LED E T5 batten 1200 18W 1600lm 3000K CT	18	1600	89	136mA	≥80	3000	30,000	240	A+	6956712666239	
140043901	LED E T5 batten 1200 18W 1600lm 4000K CT	18	1600	89	136mA	≥80	4000	30,000	240	A+	6956712666246	

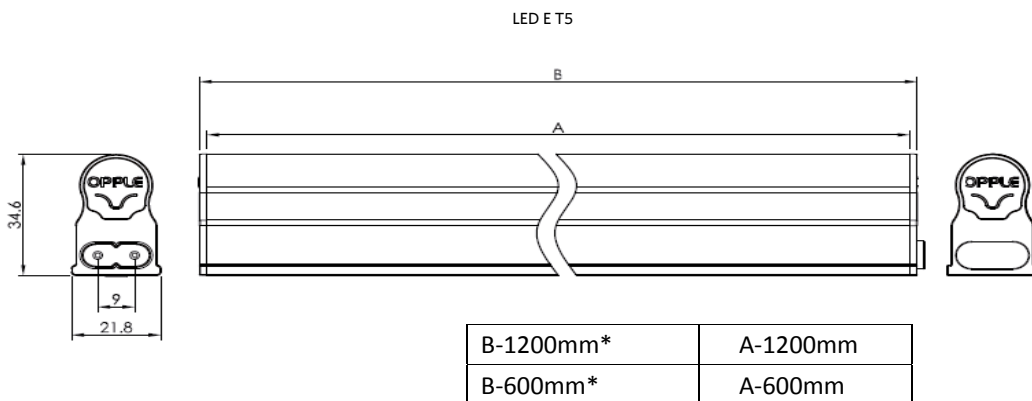
Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	colour of finish	White
On / off cycles	50,000	Application temperature	25°C
Beam angle (°)	140	Storage temperature	-25 - +50°C
Dimmable	No	Weight (kg/pc)	0.24 / 0.14
IP	20		
Protection class	II		



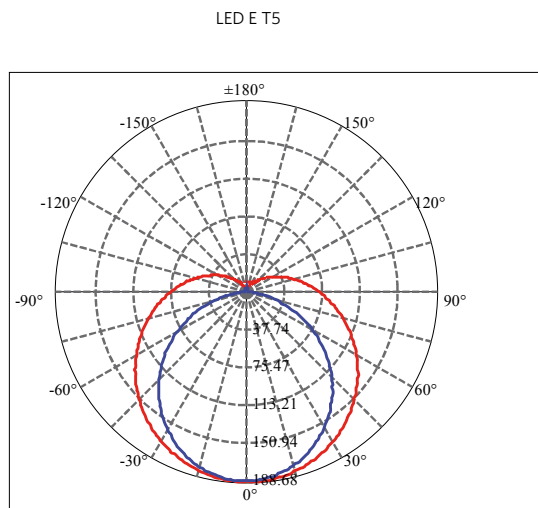
Packaging information

Item		Single box (1pc/box)			Outer box		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140043898	LED E T5 batten 600 9W 800lm 3000K CT	37x29x925	0,3	6956712666215	95x165x935	3,6	6956712631015
140043899	LED E T5 batten 600 9W 800lm 4000K CT	37x29x925	0,3	6956712666222	95x165x935	3,6	6956712631022
140043900	LED E T5 batten 1200 18W 1600lm 3000K CT	37x29x1525	0,4	6956712666239	95x165x1535	4,6	6956712631039
140043901	LED E T5 batten 1200 18W 1600lm 4000K CT	37x29x1525	0,4	6956712666246	95x165x1535	4,6	6956712631046

Dimensional Drawing



Photometric Data



C0/C180: —

C90/C270: —



LED T5 Batten S with switch

Features

- High efficient LED light source
- Easy installation
- Incl. power cable, connection pieces (fixed and flexible)
- Including integrated switch

Benefits

- Energy saving up to 50%
- Uniform, diffused light, creating a pleasant atmosphere
- Long lifetime up to 30,000 hours, no bulb replacement required
- Maximum connectivity up to 10 pieces allows maximum flexibility

Application



Home



Parking



Shopping mall

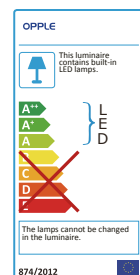


Hotel

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	CRI	CCT (K)	Lifespan (L80B50)	Weight	Energy level	EAN1	Gross Price
140043904	LED E T5 batten 300 4.5W S 3000K BL	4.5	400	89	≥80	3000	30,000	83	A+	6956712666277	
140044077	LED E T5 batten 300 4.5W S 4000K BL	4.5	400	89	≥80	4000	30,000	83	A+	6956712666352	
140043903	LED E T5 batten 600 9W S 3000K BL	9	800	89	≥80	3000	30,000	143	A+	6956712666260	
140044076	LED E T5 batten 600 9W S 4000K BL	9	800	89	≥80	4000	30,000	143	A+	6956712666345	
140043902	LED E T5 batten 900 11W S 3000K BL	11	950	86	≥80	3000	30,000	186	A+	6956712666253	
140044075	LED E T5 batten 900 11W S 4000K BL	11	950	86	≥80	4000	30,000	186	A+	6956712666338	
140044293	LED E T5 batten 1200 13W S 3000K BL	13	1200	92	≥80	3000	30,000	250	A+	6956712612731	
140044292	LED E T5 batten 1200 13W S 4000K BL	13	1200	92	≥80	4000	30,000	250	A+	6956712612724	

Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	colour of finish	White
On / off cycles	30,000	Application temperature	25°C
Beam angle (°)	140	Storage temperature	-25 - +50°C
Dimmable	No	Weight (kg/pc)	0.24 / 0.14
IP	20		
Protection class	II		

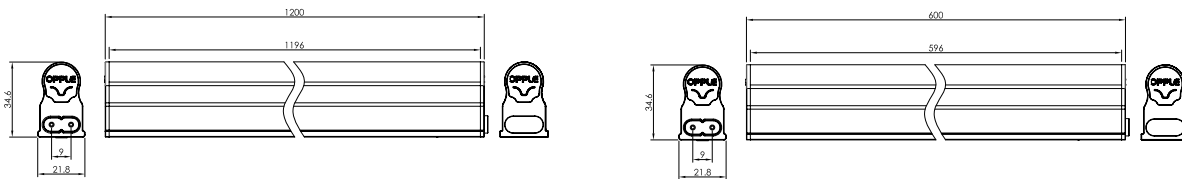


Packaging information

Item		Single box (1pc/box)			Outer box		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140043904	LED E T5 batten 300 4.5W S 3000K BL	575x52x37	0,17	6956712666277	635x205x71	5	6956212631732
140044077	LED E T5 batten 300 4.5W S 4000K BL	575x52x37	0,17	6956712666352	635x205x71	5	6956712631749
140043903	LED E T5 batten 600 9W S 3000K BL	875x52x37	0,26	6956712666260	935x165x170	7	6956712631718
140044076	LED E T5 batten 600 9W S 4000K BL	875x52x37	0,26	6956712666345	935x165x170	7	6956712631725
140043902	LED E T5 batten 900 11W S 3000K BL	1175x52x37	0,34	6956712666253	1235x165x135	6	6956712631695
140044075	LED E T5 batten 900 11W S 4000K BL	1175x52x37	0,34	6956712666338	1235x165x135	6	6956712631701
140044293	LED E T5 batten 1200 13W S 3000K BL	1475x52x37	0,45	6956712612731	1535x165x95	5	6956712631671
140044292	LED E T5 batten 1200 13W S 4000K BL	1475x52x37	0,45	6956712612724	1535x165x95	5	6956712631688

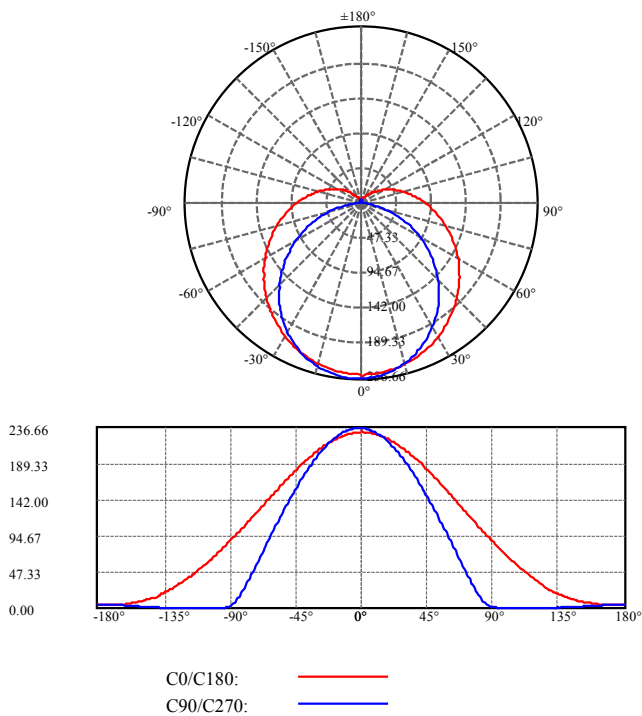
Dimensional Drawing

LED E T5 S



Photometric Data

LED E T5 S





LED Bulb EcoMax A60 + A70

Features

- Flicker-free
- Classic incandescent shape ensures easy replacement
- Can be dimmed to 10% of maximum intensity
- See appendix 1 for dimmer compatibility list

Benefits

- Long lifespan reduces maintenance cost
- No warm-up time, 100% light instantly when switched on
- No UV/IR radiation, reducing risk of hazards or damaging goods
- Up to 86% lower energy consumption than traditional bulb

Application



Home



Retail



Office



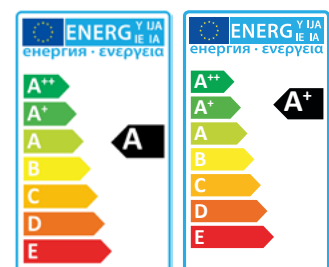
Hotel

Specifications

Item Code	Item Description	Voltage (V)	Equivalent (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140044661	LED E A60 E27 3.5W 2700K FR CT	220-240	GLS 25w	3,5	250	71,4	28mA	≥80	2700	15,000	46	A+	6956712666901	
140044663	LED E A60 E27 6.5W 2700K FR CT	220-240	GLS 40w	6,5	470	72,3	50mA	≥80	2700	15,000	62	A+	6956712666925	
140044665	LED E A60 E27 9.5W 2700K FR CT	220-240	GLS 60w	9,5	806	84,8	78mA	≥80	2700	15,000	100	A+	6956712666949	
140044662	LED E A60 B22 3.5W 2700K FR CT	220-240	GLS 25W	3,5	250	71,4	28mA	≥80	2700	15,000	46	A+	6956712666918	
140044664	LED E A60 B22 6.5W 2700K FR CT	220-240	GLS 40W	6,5	470	72,3	50mA	≥80	2700	15,000	62	A+	6956712666932	
140044666	LED E A60 B22 9.5W 2700K FR CT	220-240	GLS 60W	9,5	806	84,8	78mA	≥80	2700	15,000	100	A+	6956712666956	
140044667	LED E A60 E27 5.5W Dim 2700K FR CT	220-240	GLS 30W	5,5	350	63,6	26mA	≥80	2700	15,000	75	A	6956712667083	
140044669	LED E A60 E27 7W Dim 2700K FR CT	220-240	GLS 40W	7,0	470	67,1	35mA	≥80	2700	15,000	75	A	6956712666970	
140044671	LED E A60 E27 9.5W Dim 2700K FR CT	220-240	GLS 60W	9,5	806	84,8	48mA	≥80	2700	15,000	118	A+	6956712666994	
140044668	LED E A60 B22 5.5W Dim 2700K FR CT	220-240	GLS 30W	5,5	350	63,6	26mA	≥80	2700	15,000	75	A	6956712666963	
140044670	LED E A60 B22 7W Dim 2700K FR CT	220-240	GLS 40W	7,0	470	67,1	35mA	≥80	2700	15,000	75	A	6956712666987	
140044672	LED E A60 B22 9.5W Dim 2700K FR CT	220-240	GLS 60W	9,5	806	84,8	48mA	≥80	2700	15,000	118	A+	6956712667007	
140051573	LED E A70 E27 12W Dim 2700K FR CT	220-240	GLS 75W	12	1055	88,0	62mA	≥80	2700	15,000	138	A+	6956712643001	
140051575	LED E A70 B22 12W Dim 2700K FR CT	220-240	GLS 75W	12	1055	88,0	62mA	≥80	2700	15,000	143	A+	6956712643025	

Technical Specifications

AC / DC	AC	Operating temperature	-20 - +40°C
Frequency (Hz)	50 / 60	Lamp colour of finish	White
On / Off cycles	50,000	Application temperature	25°C
Beam angle (°)	200	Storage temperature	-25 - +50°C
Dimmable	No / Yes		

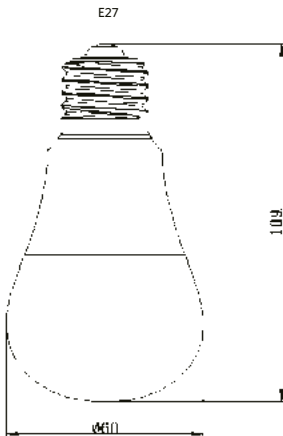


Packaging information

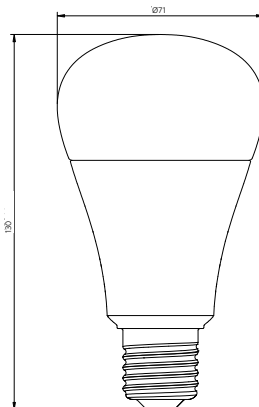
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Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044661	LED E A60 E27 3.5W 2700K FR CT	122x62x62	0,07	6956712666901	132x132x320	0,8	6956712631145
140044663	LED E A60 E27 6.5W 2700K FR CT	122x62x62	0,08	6956712666925	132x132x320	0,9	6956712631169
140044665	LED E A60 E27 9.5W 2700K FR CT	122x62x62	0,12	6956712666949	132x132x320	1,3	6956712631183
140044662	LED E A60 B22 3.5W 2700K FR CT	122x62x62	0,07	6956712666918	132x132x320	0,8	6956712631152
140044664	LED E A60 B22 6.5W 2700K FR CT	122x62x62	0,08	6956712666932	132x132x320	0,9	6956712631176
140044666	LED E A60 B22 9.5W 2700K FR CT	122x62x62	0,12	6956712666956	132x132x320	1,3	6956712631190
140044667	LED E A60 E27 5.5W Dim 2700K FR CT	122x62x62	0,09	6956712667083	132x132x320	1,1	6956712631206
140044669	LED E A60 E27 7W Dim 2700K FR CT	122x62x62	0,09	6956712666970	132x132x320	1,1	6956712631220
140044671	LED E A60 E27 9.5W Dim 2700K FR CT	122x62x62	0,14	6956712666994	132x132x320	1,5	6956712631244
140044668	LED E A60 B22 5.5W Dim 2700K FR CT	122x62x62	0,09	6956712666963	132x132x320	1,1	6956712631213
140044670	LED E A60 B22 7W Dim 2700K FR CT	122x62x62	0,09	6956712666987	132x132x320	1,1	6956712631237
140044672	LED E A60 B22 9.5W Dim 2700K FR CT	122x62x62	0,14	6956712667007	132x132x320	1,5	6956712631251
140051573	LED E A70 E27 12W Dim 2700K FR CT	143x73x73	0,17	6956712643001	153x154x375	1,8	6956712645449
140051575	LED E A70 B22 12W Dim 2700K FR CT	143x73x73	0,17	6956712643025	153x154x375	1,8	6956712645463

Dimensional Drawing

LED E A60 E27

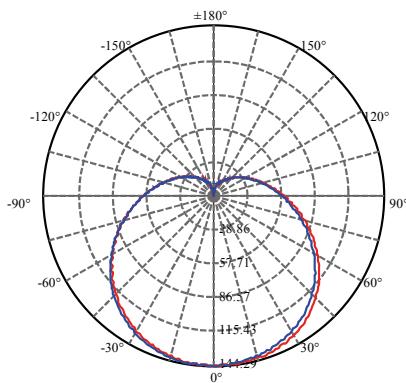


LED E A70 E27



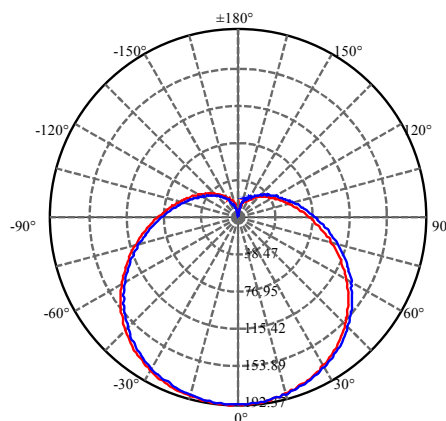
Photometric Data

LED E A60 E27



C0/C180: ————
C90/C270: ————

LED E A70 E27





LED Candle EcoMax

Features

- Sparkling effect (B35)
- E14 fitting
- See appendix 1 for dimmer compatibility list

Benefits

- Up to 82% lower energy consumption
- Lower maintenance cost, lasting 15 times longer than incandescent bulbs
- Easy retrofit on current E14 fitting

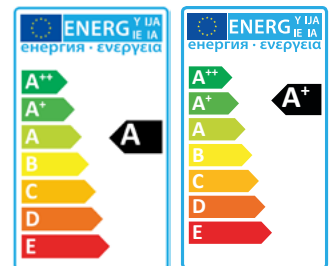
Application



Specifications

Item Code	Item Description	Voltage (V)	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140044673	LED E B35 E14 4.5W 2700K CL CT	220-240	GLS 25W	4,5	250	56	35mA	≥80	2700	15,000	37	A	6956712667014	
140048587	LED-E-B38-E14-4W-Dim-2700K-FR-CT	220-240	GLS 25W	4	250	71	24mA	≥80	2700	15,000	40	A+	6956712627872	
140048588	LED-E-B38-E14-6W-Dim-2700K-FR-CT	220-240	GLS 37W	6	420	70	32mA	≥80	2700	15,000	50	A+	6956712627889	

Technical Specifications			
AC / DC	AC	Operating temperature	-20 - +40°C
Frequency (Hz)	50 / 60	Lamp colour of finish	White / clear
On / Off cycles	50,000	Application temperature	25°C
Beam angle (°)	200	Storage temperature	-25 - +50°C
Dimmable	No / Yes		

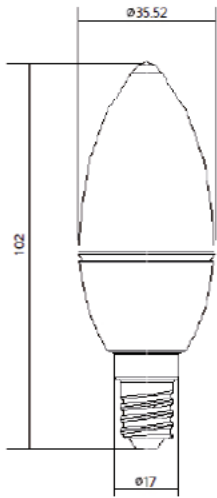


Packaging information

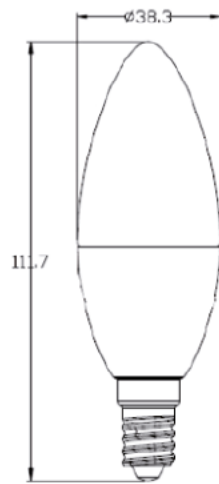
Item		Single box (1pc/box)			Outer box (10pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044673	LED E B35 E14 4.5W 2700K CL CT	112x41x41	0,05	6956712667014	215x90x122	0,6	6956712631268
140048587	LED-E-B38-E14-3.5W-Dim-2700K-FR-CT	126x42x42	0.08	6956712627872	133x92x225	0,6	6956712633132
140048588	LED-E-B38-E14-6W-Dim-2700K-FR-CT	126x42x42	0.08	6956712627889	133x92x225	0,6	6956712633149

Dimensional Drawing

LED E B35 E14 4.5W

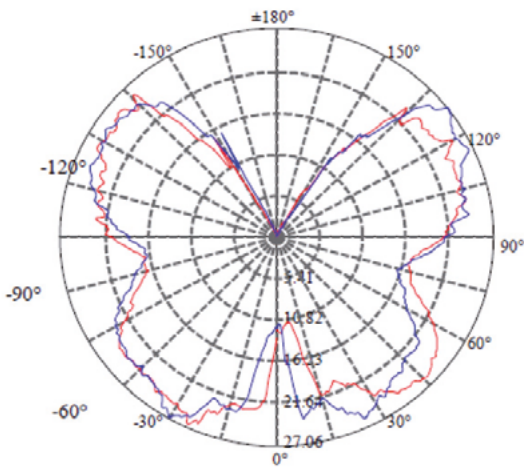


LED-E-B38-E14-6W-Dim



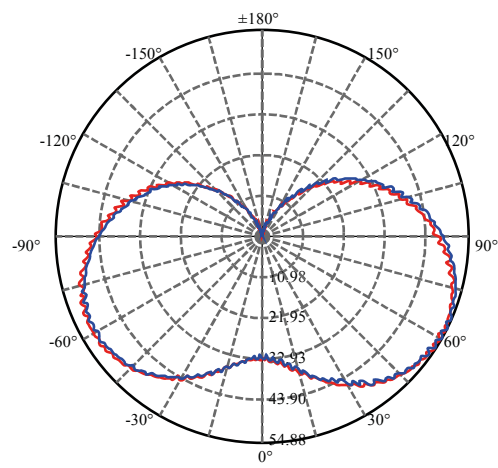
Photometric Data

LED E B35 E14 4.5W



C0/C180: ———
C90/C270: ———

LED-E-B38-E14-6W-Dim



C0/C180: ———
C90/C270: ———



LED Mini Globe EcoMax P45

Features

- Compact design
- Wide light beam
- See appendix 1 for dimmer compatibility list

Benefits

- Easy fit into small-size downlight and various decorative luminaires
- Long lifespan reduces maintenance cost
- No warm-up time, 100% light instantly when switched on
- No UV/IR radiation, reducing risk of hazards or damaging goods
- Up to 84% lower energy consumption than traditional bulb

Application



Home



Retail



Office

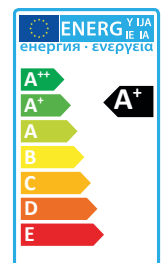


Hotel

Specifications

Item Code	Item Description	Voltage (V)	Equivalent (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L70B50)	Weight	Energy level	EAN1	Gross Price
140044686	LED E P45 E27 4W 2700K FR CT	220-240	GLS 25W	4	250	62.5	30mA	≥80	2700	15,000	38	A+	6956712666871	
140044688	LED E P45 E14 4W 2700K FR CT	220-240	GLS 25W	4	250	62.5	30mA	≥80	2700	15,000	34	A+	6956712666895	
140044687	LED E P45 B22 4W 2700K FR CT	220-240	GLS 25W	4	250	62.5	30mA	≥80	2700	15,000	42	A+	6956712666888	

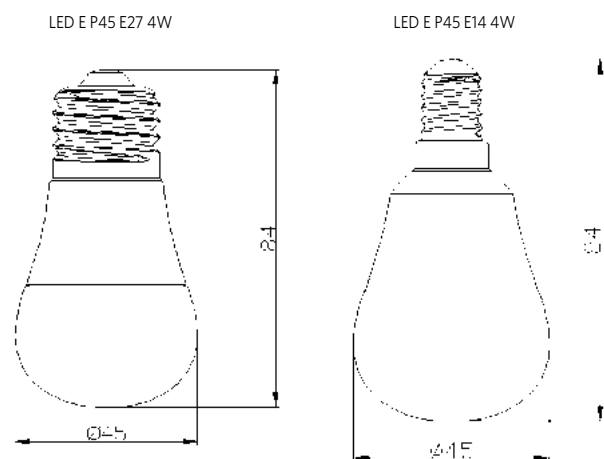
Technical Specifications			
AC / DC	AC	Operating temperature	-20 - +40°C
Frequency (Hz)	50 / 60	Lamp colour of finish	White
On / Off cycles	50,000	Application temperature	25°C
Beam angle (°)	200	Storage temperature	-25 - +50°C
Dimmable	No		



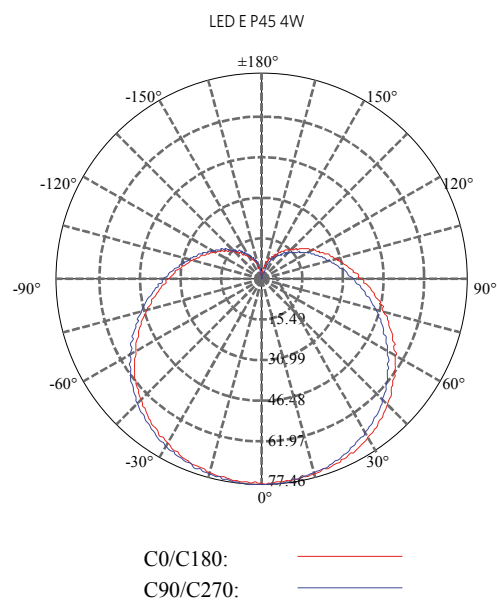
Packaging information

Item		Single box (1pc/box)			Outer box (10pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044686	LED E P45 E27 4W 2700K FR CT	95x47x47	0.05	6956712666871	105x102x245	0,8	6956712631114
140044688	LED E P45 E14 4W 2700K FR CT	95x47x47	0.05	6956712666895	105x102x245	0,8	6956712631138
140044687	LED E P45 B22 4W 2700K FR CT	95x47x47	0.06	6956712666888	105x102x245	1,2	6956712631121

Dimensional Drawing



Photometric Data





LED Mini Globe EcoMax G50

Features

- Compact design
- Wide light beam
- See appendix 1 for dimmer compatibility list

Benefits

- Easy fit into small-size downlight and various decorative luminaires
- Long lifespan reduces maintenance cost
- No warm-up time, 100% light instantly when switched on
- No UV/IR radiation, reducing risk of hazards or damaging goods
- Up to 84% lower energy consumption than traditional bulb

Application



Home



Retail



Office

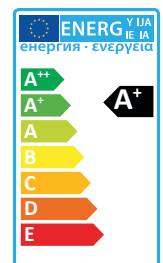


Hotel

Specifications

Item Code	Item Description	Voltage (V)	Equivalent (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L70B50)	Weight	Energy level	EAN1	Gross Price
140048593	LED-E-G50-E27-4W-Dim-2700K-FR-CT	220-240	GLS 25W	4	250	71	24mA	≥80	2700	15,000	45	A+	6956712627933	
140048594	LED-E-G50-E14-4W-Dim-2700K-FR-CT	220-240	GLS 25W	4	250	71	24mA	≥80	2700	15,000	45	A+	6956712627940	
140048595	LED-E-G50-E27-6W-Dim-2700K-FR-CT	220-240	GLS 37W	6	420	70	32mA	≥80	2700	15,000	55	A+	6956712627957	
140048596	LED-E-G50-E14-6W-Dim-2700K-FR-CT	220-240	GLS 37W	6	420	70	32mA	≥80	2700	15,000	55	A+	6956712627964	

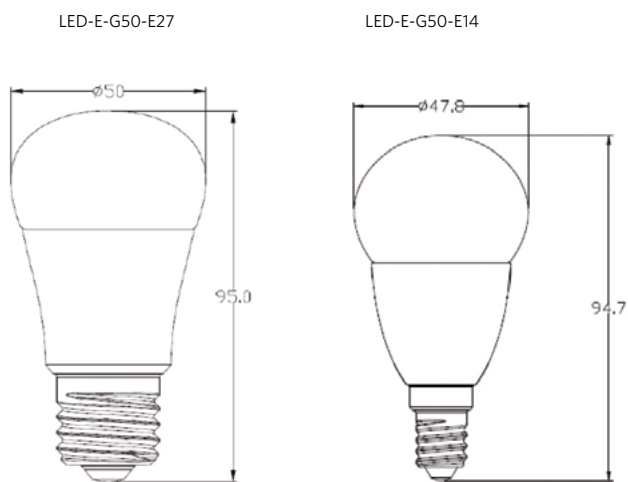
Technical Specifications			
AC / DC	AC	Operating temperature	-20 - +40°C
Frequency (Hz)	50 / 60	Lamp colour of finish	White
On / Off cycles	50,000	Application temperature	25°C
Beam angle (°)	200	Storage temperature	-25 - +50°C
Dimmable	Yes		



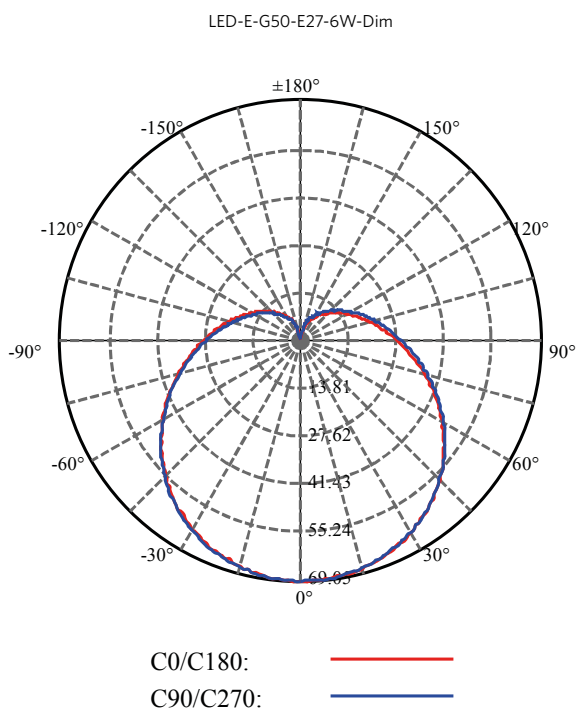
Packaging information

Item		Single box (1pc/box)			Outer box (10pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140048593	LED-E-G50-E27-3.5W-Dim-2700K-FR-CT	111x52x52	0.06	6956712627933	118x112x274	0.7	6956712633194
140048594	LED-E-G50-E14-3.5W-Dim-2700K-FR-CT	111x52x52	0.06	6956712627940	118x112x274	0.7	6956712633200
140048595	LED-E-G50-E27-6W-Dim-2700K-FR-CT	111x52x52	0.08	6956712627957	118x112x274	0.8	6956712633217
140048596	LED-E-G50-E14-6W-Dim-2700K-FR-CT	111x52x52	0.08	6956712627964	118x112x274	0.8	6956712633224

Dimensional Drawing



Photometric Data





LED Filament A60, B35, B35BT, P45

Features

- Flicker-free
- Classic light bulb shape ensures an easy replacement
- The same appearance as conventional bulbs
- Not dimmable

Benefits

- Lower maintenance costs thanks to a long life of 15,000 hours
- Instant 100% light when switched on and no startup time
- No UV / IR radiance so there is less risk of damage
- Up to 86% less energy than traditional bulbs

Application



Home



Retail



Office



Hotel

Specifications

Item Code	Item Description	Voltage (V)	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140051145	LED-E-A60-FILA-E27-4W-2700K-CL-BL	220-240	GLS 40W	4	470	118	35	>80	2700k	15,000	0,033	A++	6956712643711	
140051146	LED-E-A60-FILA-E27-6W-2700K-CL-BL	220-240	GLS 60W	6	806	134	48	>80	2700k	15,000	0,036	A++	6956712643728	
140051147	LED-E-B35-FILA-E14-2W-2700K-CL-BL	220-240	GLS 25W	2	249	125	20	>80	2700k	15,000	0,014	A++	6956712643735	
140051148	LED-E-B35-FILA-E14-4W-2700K-CL-BL	220-240	GLS 40W	4	470	118	35	>80	2700k	15,000	0,015	A++	6956712643742	
140051149	LED-E-B35-FILA-TIP-E14-2W-2700K-CL-BL	220-240	GLS 25W	2	249	125	20	>80	2700k	15,000	0,014	A++	6956712643759	
140051150	LED-E-B35-FILA TIP-E14-4W-2700K-CL-BL	220-240	GLS 40W	4	470	118	35	>80	2700k	15,000	0,015	A++	6956712643766	
140051151	LED-E-P45-FILA-E14-2W-2700K-CL-BL	220-240	GLS 25W	2	249	125	20	>80	2700k	15,000	0,014	A++	6956712643773	
140051152	LED-E-P45-FILA-E14-4W-2700K-CL-BL	220-240	GLS 40W	4	470	118	35	>80	2700k	15,000	0,015	A++	6956712643780	

Technical Specifications

AC / DC	AC
Frequency (Hz)	50 / 60
On/Off cycles	15,000
Beam angle°	360
Dimmable	No
Operating temperature	-20 - +40°C
Lamp colour of finish	Clear
Application temperature	25°C
Storage temperature	-25 - +50°C



Packaging information

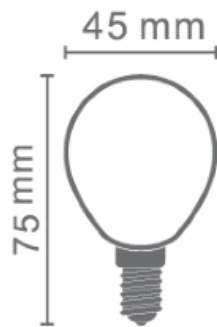
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Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140051145	LED-E-A60-FILA-E27-4W-2700K-CL-BL	100x63x170	0,07	6956712643711	240x170x185	0,57	6956712643797
140051146	LED-E-A60-FILA-E27-6W-2700K-CL-BL	100x63x170	0,07	6956712643728	240x170x185	0,59	6956712643803
140051147	LED-E-B35-FILA-E14-2W-2700K-CL-BL	100x43x170	0,05	6956712643735	210x160x185	0,41	6956712643810
140051148	LED-E-B35-FILA-E14-4W-2700K-CL-BL	100x43x170	0,05	6956712643742	210x160x185	0,42	6956712643827
140051149	LED-E-B35-FILA-TIP-E14-2W-2700K-CL-BL	100x56x190	0,05	6956712643759	240x170x205	0,44	6956712643834
140051150	LED-E-B35-FILA TIP-E14-4W-2700K-CL-BL	100x56x190	0,05	6956712643766	240x170x205	0,45	6956712643841
140051151	LED-E-P45-FILA-E14-2W-2700K-CL-BL	100x43x170	0,05	6956712643773	210x160x185	0,41	6956712643858
140051152	LED-E-P45-FILA-E14-4W-2700K-CL-BL	100x43x170	0,05	6956712643780	210x160x185	0,42	6956712643865

Dimensional Drawing

LED-E-B35-FILA-TIP-E14



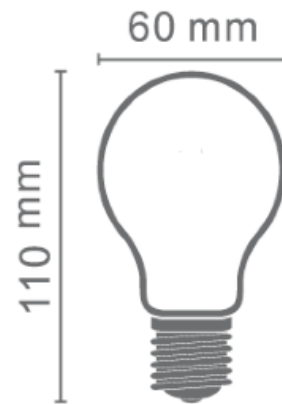
LED-E-P45-FILA-E14



LED-E-B35-FILA-E14

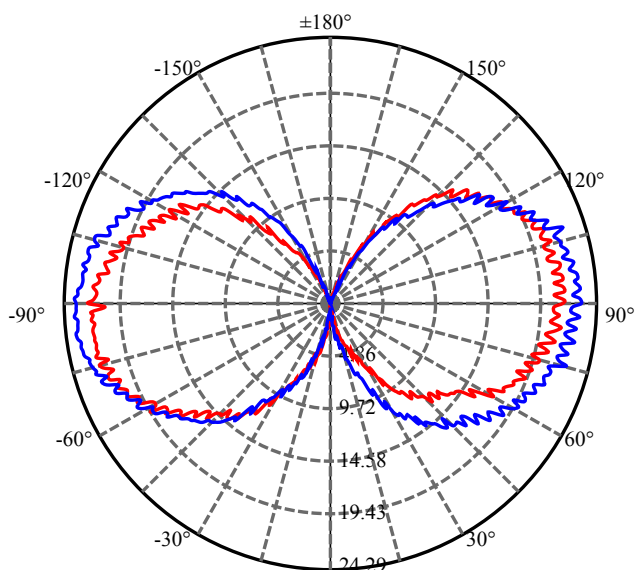


LED-E-A60-FILA-E27



Photometric Data

P45 3.5W 2700K



C0/C180: —
 C90/C270: —



LED Reflector EcoMax GU10

Features

- Full retrofit of existing halogen GU10 lamps
- No UV/IR radiation
- Significantly longer lifespan than traditional halogen bulbs
- See appendix 1 for dimmer compatibility list

Benefits

- No UV/IR radiation, reducing risk of damaging goods
- Significantly less heat production than halogen, avoiding discolouration and risk of damaging goods
- Up to 87% lower energy consumption than halogen
- Reduced maintenance costs

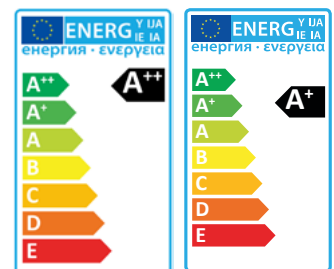
Application



Specifications

Item Code	Item Description	Voltage (V)	Equivalent (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140044674	LED E GU10 2W 2700K 36D CT	220-240	Halogen 20W	2	150	75	17mA	≥80	2700	15,000	35	A++	6956712667021	
140044675	LED E GU10 5W 2700K 36D CT	220-240	Halogen 35W	5	350	70	40mA	≥80	2700	15,000	47	A+	6956712667038	
140044676	LED E GU10 6.5W 2700K 36D CT	220-240	Halogen 50W	6,5	450	69	51mA	≥80	2700	15,000	49	A+	6956712667045	
140048605	LED-E-GU10-5.5W-2700K-36D-DIM-CT	220-240	Halogen 35W	5,5	350	66	28mA	≥80	2700	15,000	56	A+	6956712628060	
140048606	LED-E-GU10-6.5W-2700K-36D-DIM-CT	220-240	Halogen 50W	6,5	450	69	32mA	≥80	2700	15,000	57	A+	6956712628084	

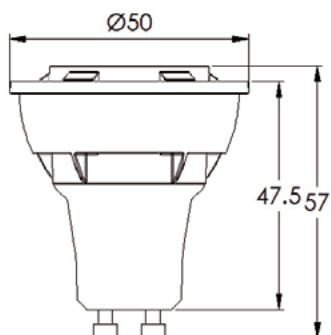
Technical Specifications	
AC / DC	AC
Frequency (Hz)	50 / 60
On / Off cycles	50,000
Beam angle (°)	36
Dimmable	No / Yes (Triac)
Operating temperature	-20 - +40°C
Lamp colour of finish	White
CBCP (cd)	350 / 800 / 1100
Application temperature	25°C
Storage temperature	-25 - +50°C



Packaging information

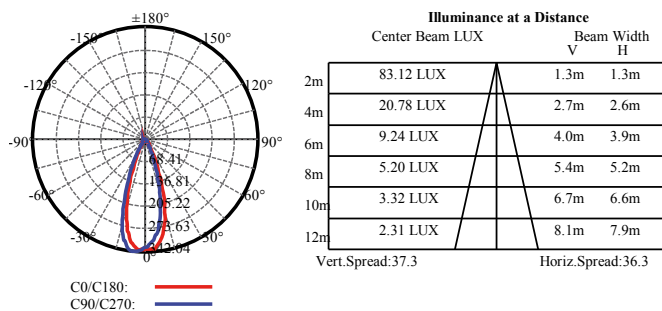
Item		Single box (1pc/box)			Outer box (10pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044674	LED E GU10 2W 2700K 36D CT	64x52x52	0,04	6956712667021	74x112x270	0,6	6956712631275
140044675	LED E GU10 5W 2700K 36D CT	64x52x52	0,06	6956712667038	74x112x270	0,7	6956712631282
140044676	LED E GU10 6.5W 2700K 36D CT	64x52x52	0,06	6956712667045	74x112x270	0,7	6956712631299
140048605	LED-E-GU10-5.5W-2700K-36D-DIM-CT	64x52x52	0,07	6956712628053	74x112x270	0,8	6956712631216
140048606	LED-E-GU10-6.5W-2700K-36D-DIM-CT	64x52x52	0,07	6956712628060	74x112x270	0,8	6956712631223

Dimensional Drawing

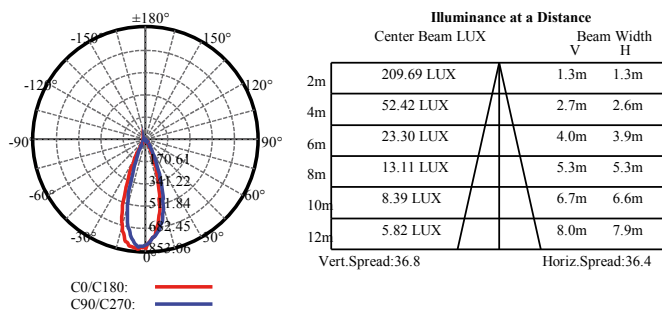


Photometric Data

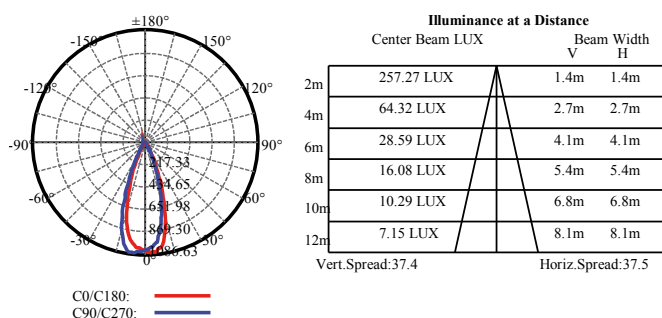
LED E GU10 2W



LED E GU10 5W



LED E GU10 6,5W





LED Reflector EcoMax MR16

Features

- Full retrofit of existing halogen MR16 lamps & transformers
- No UV/IR radiation
- Significantly longer lifespan than traditional halogen bulbs

Benefits

- No UV/IR radiation, reducing risk of damaging goods
- Significantly less heat production than halogen, avoiding discolouration and risk of damaging goods
- Up to 84% lower energy consumption than halogen
- Reduced maintenance costs

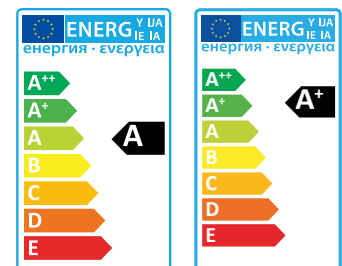
Application



Specifications

Item Code	Item Description	Voltage (V)	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140044677	LED E MR16 GU5.3 12V 2.5W 2700K 36D CT	12V	Halogen 16W	2,5	150	60	470mA	≥80	2700	15,000	27,5	A+	6956712667052	
140044678	LED E MR16 GU5.3 12V 5W 2700K 36D CT	12V	Halogen 30W	5	300	60	700mA	≥80	2700	15,000	29	A	6956712667069	
140044679	LED E MR16 GU5.3 12V 7W 2700K 36D CT	12V	Halogen 41W	7	450	64	740mA	≥80	2700	15,000	43,8	A	6956712667076	

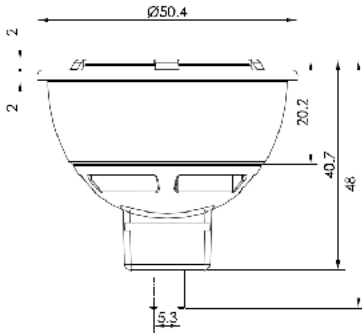
Technical Specifications	
AC / DC	AC
Frequency (Hz)	50 / 60
On / Off cycles	50,000
Beam angle (°)	36
Dimmable	No
Operating temperature	-20 - +40°C
Lamp colour of finish	White
CBCP (cd)	400 / 660 / 1100
Application temperature	25°C
Storage temperature	-25 - +50°C



Packaging information

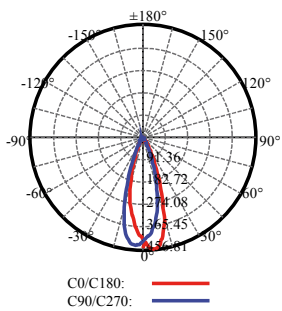
Item		Single box (1pc/box)			Outer box (10pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044677	LED E MR16 GU5.3 12V 2.5W 2700K 36D CT	60x53x53	0,05	6956712667052	70x114x275	1,1	6956712631305
140044678	LED E MR16 GU5.3 12V 5W 2700K 36D CT	60x53x53	0,05	6956712667069	70x114x275	1,1	6956712631312
140044679	LED E MR16 GU5.3 12V 7W 2700K 36D CT	60x53x53	0,07	6956712667076	70x114x275	1,3	6956712631329

Dimensional Drawing



Photometric Data

LED E MR16 GU5.3 2.5W

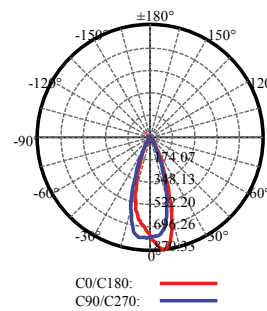


Illuminance at a Distance

Distance (m)	Center Beam LUX	Beam Width	
		V	H
2m	111.78 LUX	1.2m	1.2m
4m	27.95 LUX	2.4m	2.4m
6m	12.42 LUX	3.7m	3.6m
8m	6.99 LUX	4.9m	4.8m
10m	4.47 LUX	6.1m	6.0m
12m	3.11 LUX	7.3m	7.3m

Vert.Spread:34.0 Horiz.Spread:33.7

LED E MR16 GU5.3 5W

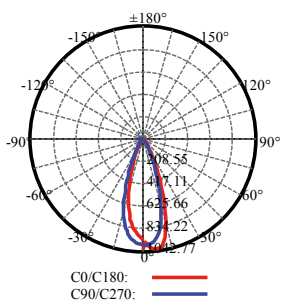


Illuminance at a Distance

Distance (m)	Center Beam LUX	Beam Width	
		V	H
2m	193.52 LUX	1.3m	1.3m
4m	48.38 LUX	2.7m	2.7m
6m	21.50 LUX	4.0m	4.0m
8m	12.09 LUX	5.3m	5.4m
10m	7.74 LUX	6.6m	6.7m
12m	5.38 LUX	8.0m	8.1m

Vert.Spread:36.8 Horiz.Spread:37.2

LED E MR16 GU5.3 7W



Illuminance at a Distance

Distance (m)	Center Beam LUX	Beam Width	
		V	H
2m	256.06 LUX	1.3m	1.4m
4m	64.02 LUX	2.6m	2.7m
6m	28.45 LUX	4.0m	4.1m
8m	16.00 LUX	5.3m	5.4m
10m	10.24 LUX	6.6m	6.8m
12m	7.11 LUX	7.9m	8.1m

Vert.Spread:36.6 Horiz.Spread:37.4



LED Reflector EcoMax R50

Features

- Full retrofit of existing halogen R50 lamps
- No UV/IR radiation
- Significantly longer lifespan than traditional halogen bulbs

Benefits

- No UV/IR radiation, reducing risk of damaging goods
- Significantly less heat production than halogen, avoiding discolouration and risk of damaging goods
- Up to 87% lower energy consumption than halogen
- Reduced maintenance costs

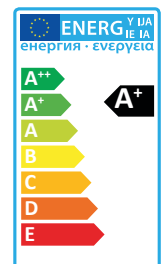
Application



Specifications

Item Code	Item Description	Voltage (V)	Equivalent (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140048609	LED-E-R50-3.2W-2700K-36D-CT	220-240V	Halogen 40W	3,2	200	68	24mA	≥80	2700	15,000	40	A+	6956712628091	

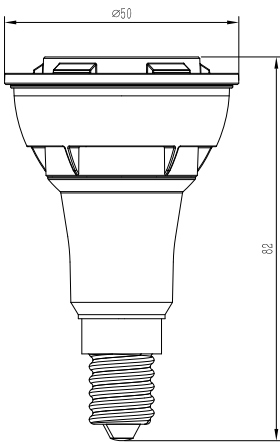
Technical Specifications	
AC / DC	AC
Frequency (Hz)	50 / 60
On / Off cycles	50,000
Beam angle (°)	36
Dimmable	No
Operating temperature	-20 - +45°C
Lamp colour of finish	White
CBCP (cd)	350 / 800 / 1100
Application temperature	25°C
Storage temperature	-25 - +50°C



Packaging information

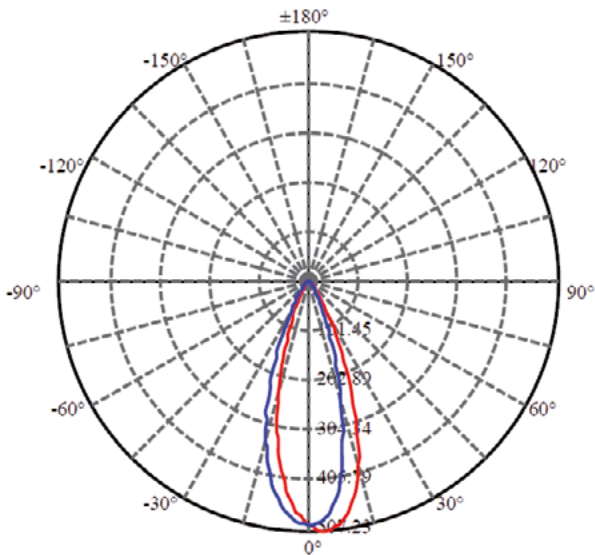
Item		Single box (1pc/box)			Outer box (10pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140048609	LED-E-R50-3.2W-2700K-36D-CT	91x52x52	0,05	6956712628091	101x112x72	0,55	6956712633354

Dimensional Drawing



Photometric Data

LED-E-R50-3.2W



LED-E-R50-3.2W

	Center Beam LUX		Beam Width	
	V	H	V	H
2m	123.48 LUX		1.3m	1.2m
4m	30.87 LUX		2.6m	2.5m
6m	13.72 LUX		3.8m	3.7m
8m	7.72 LUX		5.1m	4.9m
10m	4.94 LUX		6.4m	6.2m
12m	3.43 LUX		7.7m	7.4m

Vert. Spread: 35.4 Horiz. Spread: 34.4



LED T8 Tube

Features

- Single-ended full IEC compliant with patented driver
- High efficacy up to 110 Lm/W
- Retrofit existing T8 lamps with EM ballast installations ONLY!

SAFE AND EASY INSTALLATION:
ONLY USE WITH LED DUMMY STARTER

Benefits

- Up to 62% lower energy consumption than fluorescent
- Long lifespan reduces maintenance cost
- No warm-up time, 100% light instantly when switched on
- Reduced maintenance costs

Application

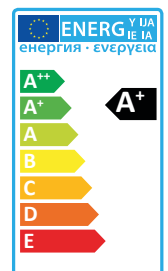


Specifications

Item Code	Item Description	Voltage (V)	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L70B50)	Weight	Energy level	EAN1	Gross Price
140051060	LED P T8 glass 600 9W 100pct 3000K CT	220-240	100% FLS 18W	9	1000	110	42mA	≥80	3000	40,000	436	A+	6956712640451	
140051061	LED P T8 glass 600 9W 100pct 4000K CT	220-240	100% FLS 18W	9	1000	110	42mA	≥80	4000	40,000	436	A+	6956712640468	
140052026	LED P T8 glass 600 9W 100pct 6500K CT	220-240	100% FLS 18W	9	1000	110	42mA	≥80	6500	40,000	436	A+	6956712644800	
140043981	LED P T8 1200 18W 100pct 3000K CT	220-240	100% FLS 36W	18	2000	111,1	146mA	≥80	3000	40,000	260	A+	6956712666130	
140043982	LED P T8 1200 18W 100pct 4000K CT	220-240	100% FLS 36W	18	2000	111,1	146mA	≥80	4000	40,000	260	A+	6956712666147	
140051616	LED P T8 1200 18W 100pct 6500K CT	220-240	100% FLS 36W	18	2000	111,1	146mA	≥80	6500	40,000	260	A+	6956712643087	
140043985	LED P T8 1500 27W 100pct 3000K CT	220-240	100% FLS 58W	27	3000	110	125mA	≥80	3000	40,000	436	A+	6956712666178	
140043986	LED P T8 1500 27W 100pct 4000K CT	220-240	100% FLS 58W	27	3000	110	125mA	≥80	4000	40,000	436	A+	6956712666185	
140051617	LED P T8 1500 27W 100pct 6500K CT	220-240	100% FLS 58W	27	3000	110	125mA	≥80	6500	40,000	436	A+	6956712643094	

Technical Specifications

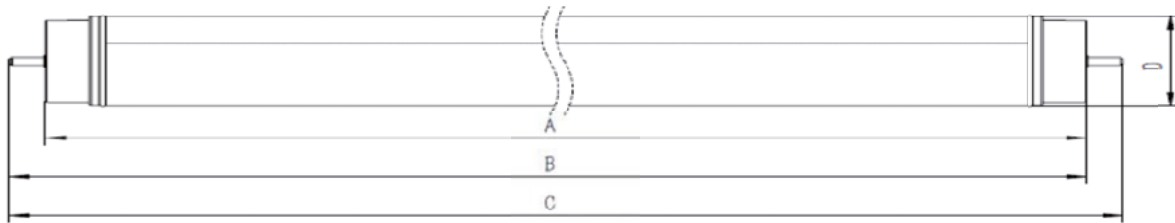
AC / DC	AC
Frequency (Hz)	50 / 60
On / Off cycles	50,000
Beam angle (°)	160
Fitting	G13
Dimmable	No
Operating temperature	-20 - +60°C
Lamp colour of finish	White
Application temperature	25°C
Storage temperature	-25 - +65°C



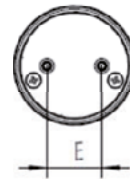
Packaging information

Item		Single box (1pc./box)			Outer box (9pcs./box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140051060	LED P T8 glass 600 9W 100pct 3000K CT	28x28x700	0,18	6956712640451	170x165x755	2,2	6956712644022
140051061	LED P T8 glass 600 9W 100pct 4000K CT	28x28x700	0,18	6956712640468	170x165x755	2,2	6956712644039
140052026	LED P T8 glass 600 9W 100pct 6500K CT	28x28x700	0,18	6956712644800	170x165x755	2,2	6956712647801
Item		Single box (1pc./box)			Outer box (25pcs./box)		
140043981	LED P T8 1200 18W 100pct 3000K CT	30x30x1270	0,32	6956712666130	170x170x1280	8,8	6956712631398
140043982	LED P T8 1200 18W 100pct 4000K CT	30x30x1270	0,32	6956712666147	170x170x1280	8,8	6956712631404
140051616	LED P T8 1200 18W 100pct 6500K CT	30x30x1270	0,32	695671264307	170x170x1280	8,8	6956712645142
140043985	LED P T8 1500 27W 100pct 3000K CT	30x30x1570	0,48	6956712666178	170x170x1580	14,0	6956712631435
140043986	LED P T8 1500 27W 100pct 4000K CT	30x30x1570	0,48	6956712666185	170x170x1580	14,0	6956712631442
140051617	LED P T8 1500 27W 100pct 6500K CT	30x30x1570	0,48	6965712643094	170x170x1580	14,0	6956712645159

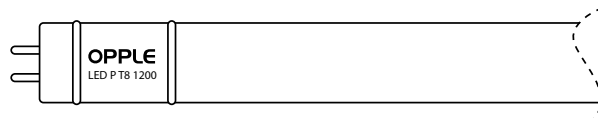
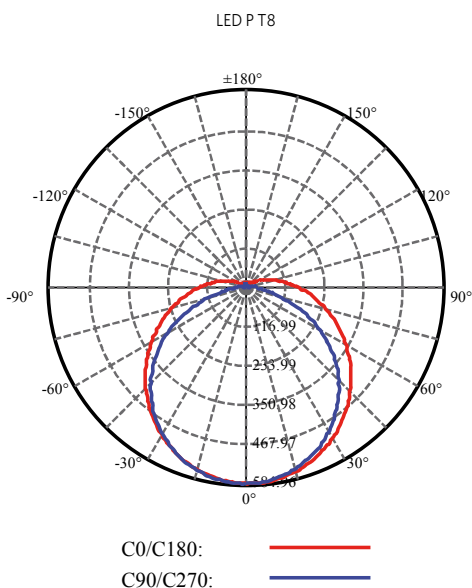
Dimensional Drawing



	600mm	1200mm	1500mm
A	595mm	1198 mm	1498mm
B	602,5mm	1205,5mm	1505,5mm
C	610mm	1213mm	1513mm
D	27,8mm	27,8mm	27,8mm
E	12,7mm	12,7mm	12,7mm



Photometric Data



Single-ended connection



LED Module Clio

Features

- Extremely flat construction: 25 mm only
- Including magnets and connection box
- Driver integrated on PCB board
- High efficiency of 88 Lumen/Watt
- Suitable for all metal ceiling plates
>= 250mm

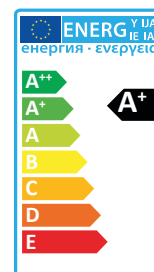
Benefits

- Fits as well in slim ceiling luminaires
- Easy and flexible installation
- Shadow free and homogene light diffusion high efficiency

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140050766	LED E C module 16W 2700K Clio CT	16	1400	88	0,12	≥80	2700	20,000	A+	6956321869953	
140054629	LED E C module 16W 4000K Clio CT	16	1600	100	0,12	≥80	4000	20,000	A+	6956321878221	

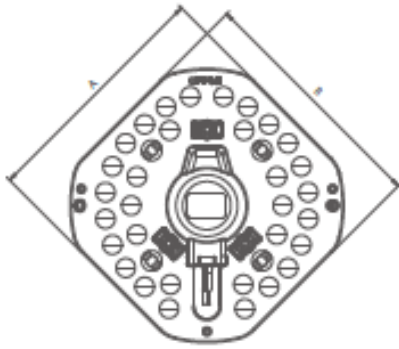
Technical Specifications	
AC / DC	AC
Voltage (V)	220-240
Frequency (Hz)	50/60
On / off cycles	20,000
Beam angle (°)	150
Dimmable	No
IP	20
Protection class	II
Integrated driver (Yes/No)	Yes
Glow wire test (°C)	650°C



Packaging information

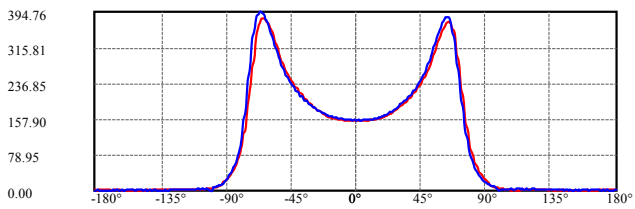
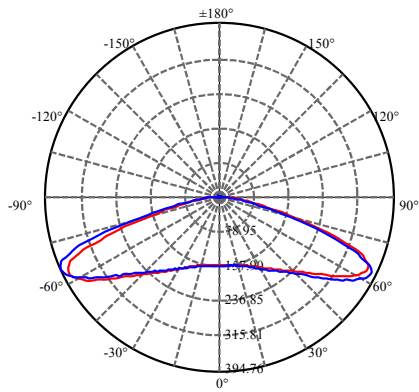
Item		Single box (1pc/box)			Outer box (10pcs/box)		
		Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140050766	LED E C module 16W 2700K Clio CT	162x42x162	0,2	6956321869953	180x175x440	2,1	6956321872977
140054629	LED E C module 16W 4000K Clio CT	162x42x162	0,2	6956321878221	185x248x338	2,6	6956321878238

Dimensional Drawing



A: 160mm
 B: 160mm
 C: 25mm

Photometric Data



C0/C180: ———— (red line)
 C90/C270: ———— (blue line)



LED Ceiling Light Apollo

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation

Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Uniform, diffused light, creating a pleasant atmosphere
- Long lifetime up to 20,000 hours, no bulb replacement required
- Provides instant light from the first second

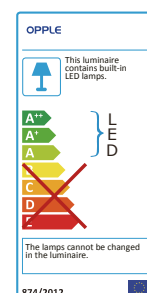
Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140044131	LED HC300 13W 2700K Apollo Matt CT	13	880	68	114	>80	2700	20,000	A+	6956321844592	
140044128	LED HC420 19W 2700K Apollo Matt CT	19	1150	75	156	>80	2700	20,000	A+	6956321844608	
140044130**	LED HC420 19W Dim 2700K Apollo Matt CT	19	1150	75	156	>80	2700	20,000	A+	6956321844615	
140044132*	LED HC300 13W 2700K Apollo Glossy CT	13	880	68	114	>80	2700	20,000	A+	6956321844769	
140044129*	LED HC420 19W 2700K Apollo Glossy CT	19	1150	75	156	>80	2700	20,000	A+	6956321844776	

* Available on request

** Two-step switch dim

Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	White
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	115	Storage temperature	-25 - +50°C
Dimmable	Yes (140044130)		
IP	20		
Protection class	I		

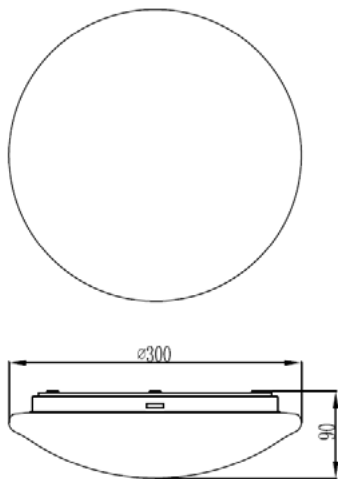


Packaging information

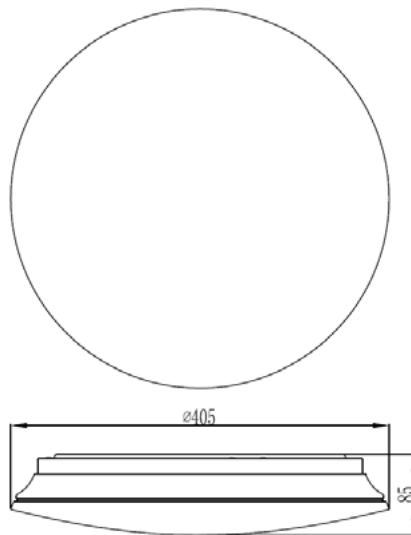
Item		Single box (1pc/box)			Outer box (6pcs/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044131	LED HC300 13W 2700K Apollo CT	336x95x336	0,9	6956321844592	348x348x590	6,4	6956321851231
140044128	LED HC420 19W 2700K Apollo CT	447x120x442	1,3	6956321844608	459x452x740	8,8	6956321851248
140044130	LED HC420 19W Dim 2700K Apollo CT	447x120x442	1,3	6956321844615	459x452x740	8,8	6956321851248
140044132	LED HC300 13W 2700K Apollo Glossy CT	336x95x336	0,9	6956321844776	348x348x590	6,4	6956321851408
140044129	LED HC420 19W 2700K Apollo Glossy CT	447x120x442	1,3	6956321844776	459x452x740	12,4	6956321851415

Dimensional Drawing

LED HC300

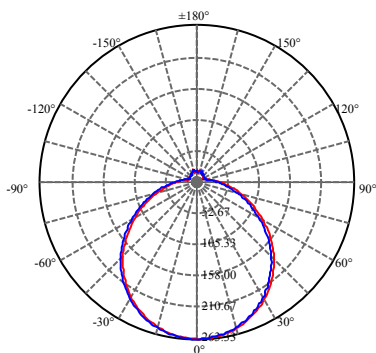


LED HC420

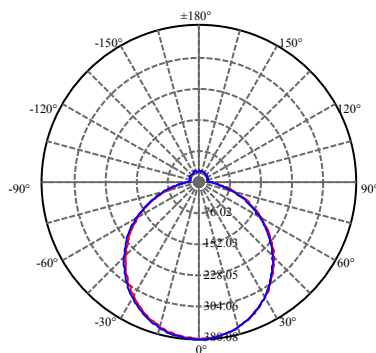


Photometric Data

LED HC300



LED HC420





LED Ceiling Light Eros

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation

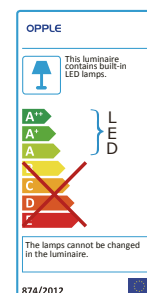
Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Uniform, diffused light, creating a pleasant atmosphere
- Long lifetime up to 20,000 hours, no bulb replacement required
- Provides instant light from the first second

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140044136	LED HC260 11W 2700K Eros MW CT	11	650	60	88	>80	2700	20,000	A	6956321844653	
140044135	LED HC260 11W 2700K Eros BS CT	11	650	60	88	>80	2700	20,000	A	6956321844646	
140044144	LED HC350 15W 2700K Eros MW CT	15	1100	73	126	>80	2700	20,000	A	6956321844738	
140044143	LED HC350 15W 2700K Eros BS CT	15	1100	73	126	>80	2700	20,000	A	6956321844721	

Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Steel (BS)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	115	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	I		

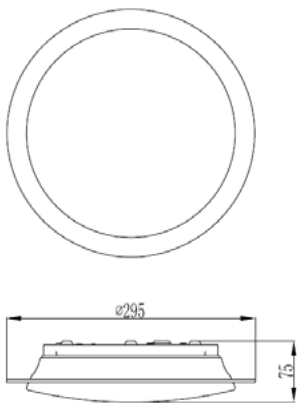


Packaging information

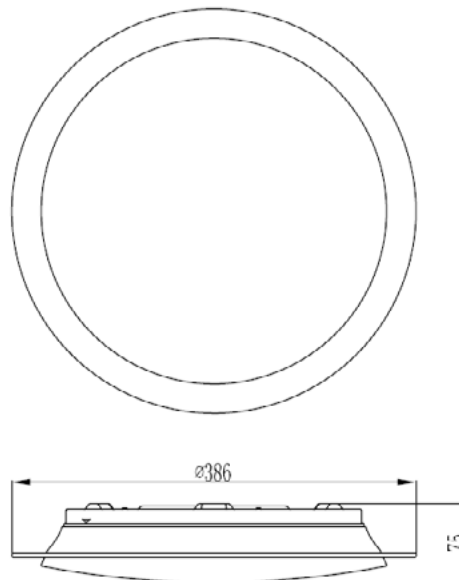
Item		Single box (1pc/box)			Single box (6pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044136	LED HC260 11W 2700K Eros MW CT	347x90x347	0,9	6956321844653	560x361x367	6,4	6956321851293
140044135	LED HC260 11W 2700K Eros BS CT	347x90x347	0,9	6956321844646	560x361x367	6,4	6956321851286
140044144	LED HC350 15W 2700K Eros MW CT	427x90x427	1,3	6956321844738	560x442x447	8,8	6956321851378
140044143	LED HC350 15W 2700K Eros BS CT	427x90x427	1,3	6956321844721	560x442x447	8,8	6956321851361

Dimensional Drawing

LED HC260

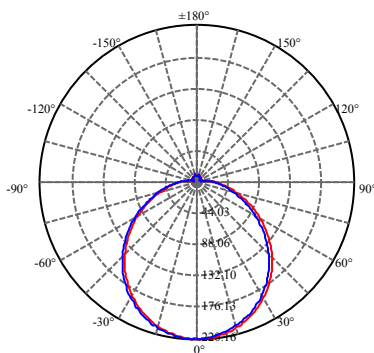


LED HC350

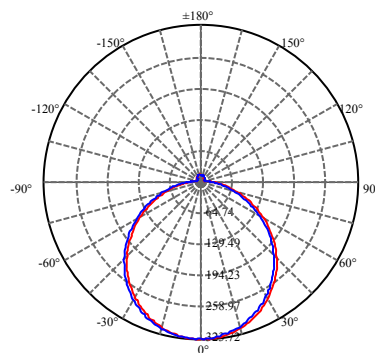


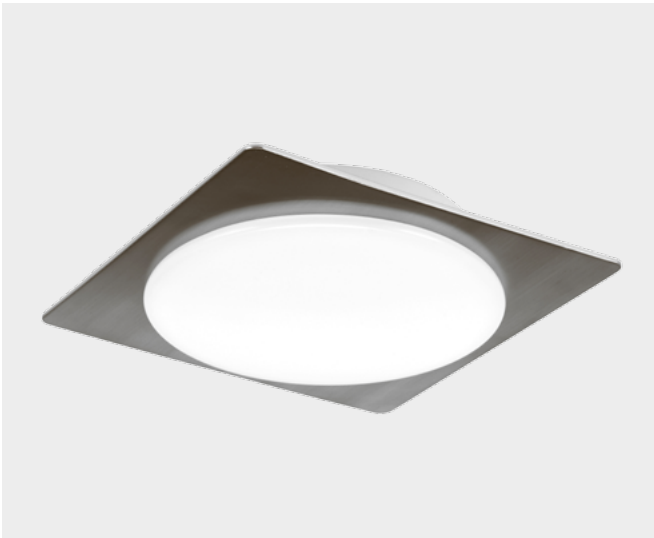
Photometric Data

LED HC260



LED HC350





LED Ceiling Light Hera

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation

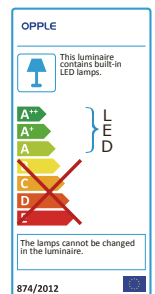
Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Uniform, diffused light, creating a pleasant atmosphere
- Long lifetime up to 20,000 hours, no bulb replacement required
- Provides instant light from the first second

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140044133	LED HC260S 11W 2700K Hera BS CT	11	650	60	88	>80	2700	20,000	A	6956321844622	
140044134	LED HC260S 11W 2700K Hera MW CT	11	650	60	88	>80	2700	20,000	A	6956321844639	

Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Steel (BS)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	115°	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	I		

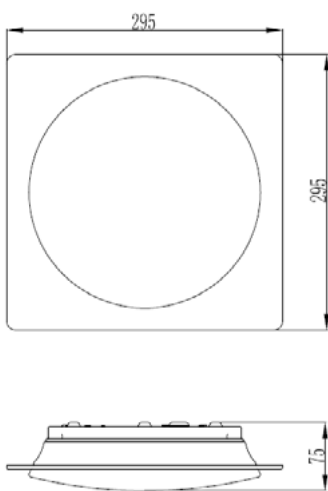


Packaging information

Item		Single box (1pc/box)			Outer box (6pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044133	LED HC260S 11W 2700K Hera BS CT	347x90x347	1,0	6956321844622	367x361x560	6,4	6956321851309
140044134	LED HC260S 11W 2700K Hera MW CT	347x90x347	1,0	6956321844639	367x361x560	6,4	6956321851279

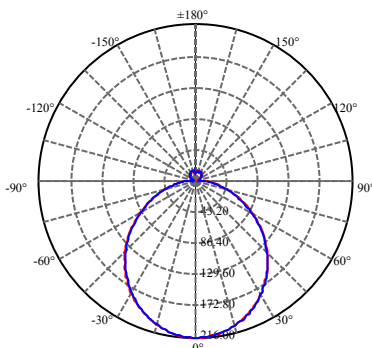
Dimensional Drawing

LED HC260S



Photometric Data

LED HC260S





LED Ceiling Light Doris

Features

- High efficient LED light source
- Warm white light
- 2 in 1, ceiling light & recessed spot
- Easy installation

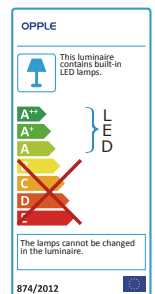
Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Uniform, diffused light creating a pleasant atmosphere
- Long lifetime up to 20,000 hours, no bulb replacement required
- Provides instant light from the first second

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140044147	LED HC140 8W 2700K Doris MW CT	8	600	75	63	>80	2700	20,000	A	6956321844998	
140044149	LED HC140 8W 2700K Doris BS CT	8	600	75	63	>80	2700	20,000	A	6956321845001	
140044151	LED HC230 14W 2700K Doris MW CT	14	1200	86	115	>80	2700	20,000	A	6956321845018	
140044153	LED HC230 14W 2700K Doris BS CT	14	1200	86	115	>80	2700	20,000	A	6956321845025	
140044152	LED HC230 14W 4000K Doris MW CT	14	1200	86	115	>80	4000	20 000	A	6956321845056	

Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	No
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Steel (BS)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	115°	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	II		

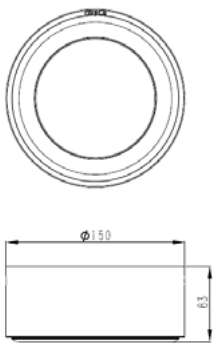


Packaging information

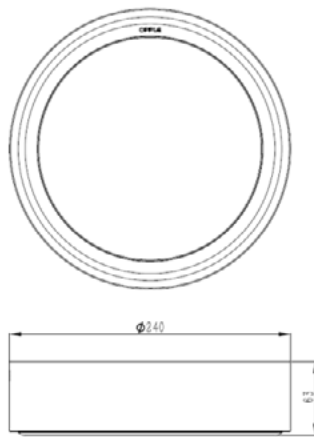
Item		Single box (1pc/box)			Outer box (8pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044147	LED HC140 8W 2700K Doris MW CT	180x105x180	0,5	6956321844998	200x380x445	5,0	6956321851637
140044147	LED HC140 8W 2700K Doris BS CT	180x105x180	0,5	6956321845001	200x380x445	5,0	6956321851637
140044151	LED HC230 14W 2700K Doris MW CT	270x105x270	1,0	6956321845018	560x230x560	9,0	6956321851651
140044153	LED HC230 14W 2700K Doris BS CT	270x105x270	1,0	6956321845025	560x230x560	9,0	6956321851668

Dimensional Drawing

LED HC140

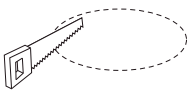


LED HC230

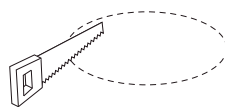


Installation Opening Drawing

Ø125

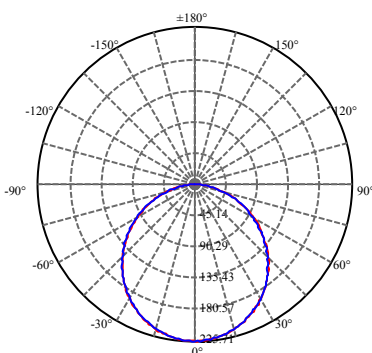


Ø215

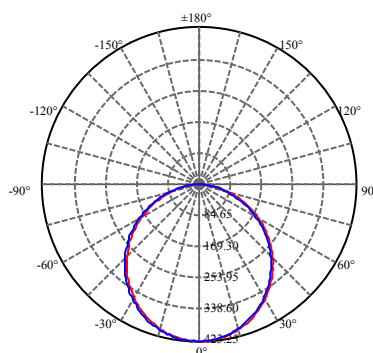


Photometric Data

LED HC140



LED HC230-2700K





LED Ceiling Light Pallas

Features

- High efficient LED light source
- Warm white light
- 2 in 1, ceiling light & recessed spot
- Easy installation

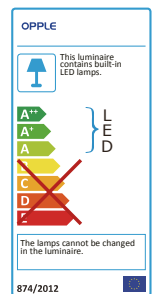
Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Uniform, diffused light, creating a pleasant atmosphere
- Long lifetime up to 20,000 hours, no bulb replacement required
- Provides instant light from the first second

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140044155	LED HC1818 11W 2700K Pallas MW CT	11	900	82	90	>80	2700	20,000	A	6956321845070	
140044157	LED HC1818 11W 2700K Pallas BS CT	11	900	82	90	>80	2700	20,000	A	6956321845087	
140044159	LED HC2323 12W 2700K Pallas MW CT	12	1050	88	100	>80	2700	20,000	A	6956321845094	
140044161	LED HC2323 12W 2700K Pallas BS CT	12	1050	88	100	>80	2700	20,000	A	6956321845100	
140044160	LED HC2323 12W 4000K Pallas MW CT	12	1050	88	100	>80	4000	20,000	A	6956321845131	

Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Steel (BS)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	115°	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	II		

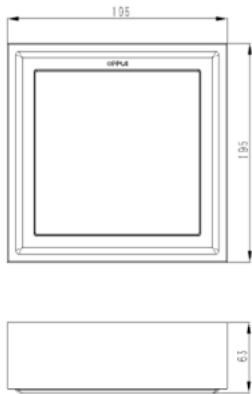


Packaging information

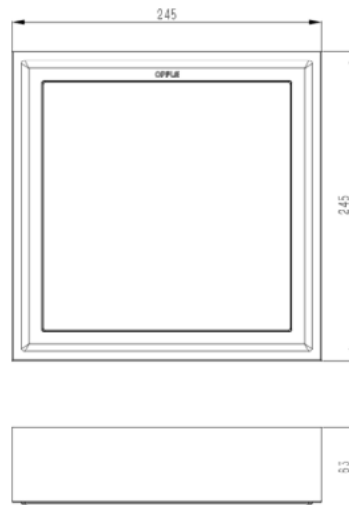
Item		Single box (1pc/box)			Single box (8pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044155	LED HC1818 11W 2700K Pallas MW CT	267x105x220	0,8	6956321845070	460x230x555	7,4	6956321851712
140044157	LED HC1818 11W 2700K Pallas BS CT	267x105x220	0,8	6956321845087	460x230x555	7,4	6956321851729
140044159	LED HC2323 12W 2700K Pallas MW CT	320x105x270	1,1	6956321845094	560x230x560	9,8	6956321851736
140044161	LED HC2323 12W 2700K Pallas BS CT	320x105x270	1,1	6956321845100	560x230x560	9,8	6956321851743

Dimensional Drawing

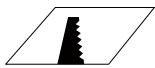
LED HC1818



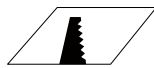
LED HC2323



Installation Opening Drawing



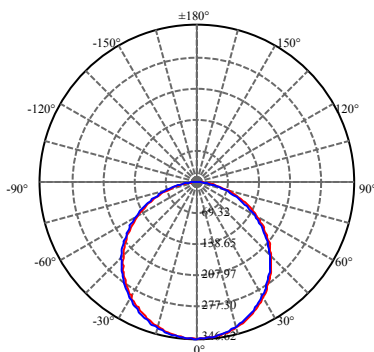
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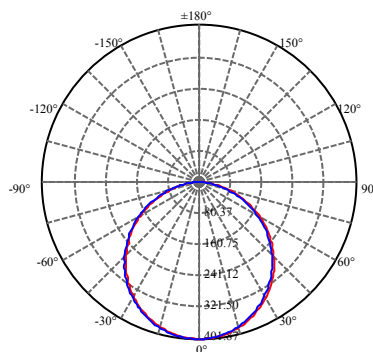
220x220

Photometric Data

LED HC1818



LED HC2323





LED Recessed Spot Chalice

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation
- Movable reflector head

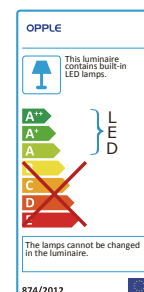
Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Beam angle of 30° creates a perfect accent light
- Long lifetime up to 20,000 hours, no bulb replacement required
- Provides instant light from the first second

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140044063	LED HRS 4.5W LZ 2700K 30D Chalice MW CT	4,5	250	55	0,03	>80	2700	20,000	A	6956321844783	
140044064	LED HRS 4.5W LZ 2700K 30D Chalice BA CT	4,5	250	55	0,03	>80	2700	20,000	A	6956321844790	
140044065	LED HRS 4.5W LZ 2700K 30D Chalice BS CT	4,5	250	55	0,03	>80	2700	20,000	A	6956321844806	

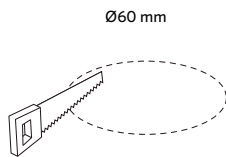
Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Steel (BS), Brushed Aluminum (BA)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	30°	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	II		



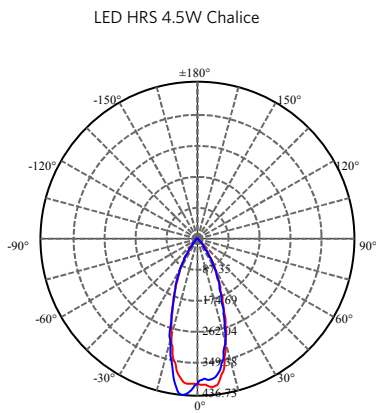
Packaging information

Item		Single box (1pc/box)			Outer box (20pc/box)		
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2
140044063	LED HRS 4.5W LZ 2700K 30D Chalice MW CT	115x90x115	0,1	6956321844783	205x250x595	3,0	6956321851442
140044064	LED HRS 4.5W LZ 2700K 30D Chalice BA CT	115x90x115	0,1	6956321844790	205x250x595	3,0	6956321851439
140044065	LED HRS 4.5W LZ 2700K 30D Chalice BS CT	115x90x115	0,1	6956321844806	205x250x595	3,0	6956321851446

Installation Opening Drawing



Photometric Data





LED Recessed Spot Ava

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation
- Adjustable tilt 0-25°

Benefits

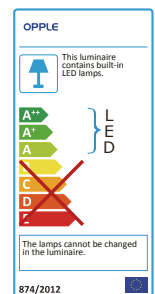
- Energy saving up to 80 % in comparison to a traditional light source
- Beam angle of 30° creates a perfect accent light
- Long lifetime up to 20,000 hours, no bulb changes required
- Provides full bright light from the first second
- Dimmability allows to create a pleasant atmosphere

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Life-span (L80B50)	Weight	Energy level	EAN1	Gross Price
140049619	LED HRS 7W Dim 2700K 30D Ava MW CT	7W	310	44	0,05	>80	2700	20,000	0,20	A	6956712634740	
140049621	LED HRS 7W Dim 2700K 30D Ava BA CT	7W	310	44	0,05	>80	2700	20,000	0,20	A	6956712634764	
140049622	LED HRS 3X6.5W dim 2700K 30D Ava MW CT	19.5W	3X310	44	0,09	>80	2700	20,000	0,72	A	6956712634771	
140049624	LED HRS 3X6.5W dim 2700K 30D BA MW CT	19.5W	3X310	44	0,09	>80	2700	20,000	0,72	A	6956712634795	
140049625	LED HRS 9W Dim 2700K 30D Ava MW CT	9W	430	47	0,05	>80	2700	20,000	0,29	A	6956712634801	
140049627	LED HRS 9W Dim 2700K 30D Ava BA CT	9W	430	47	0,05	>80	2700	20,000	0,29	A	6956712634825	
140049628	LED HRS 3X8.5W Dim 2700K 30D Ava MW CT	25.5W	3x430	47	0,12	>80	2700	20,000	1,01	A	6956712634832	
140049630	LED HRS 3X8.5W Dim 2700K 30D Ava BA CT	25.5W	3x430	47	0,12	>80	2700	20,000	1,01	A	6956712634856	

CT-3 = set 3 pc

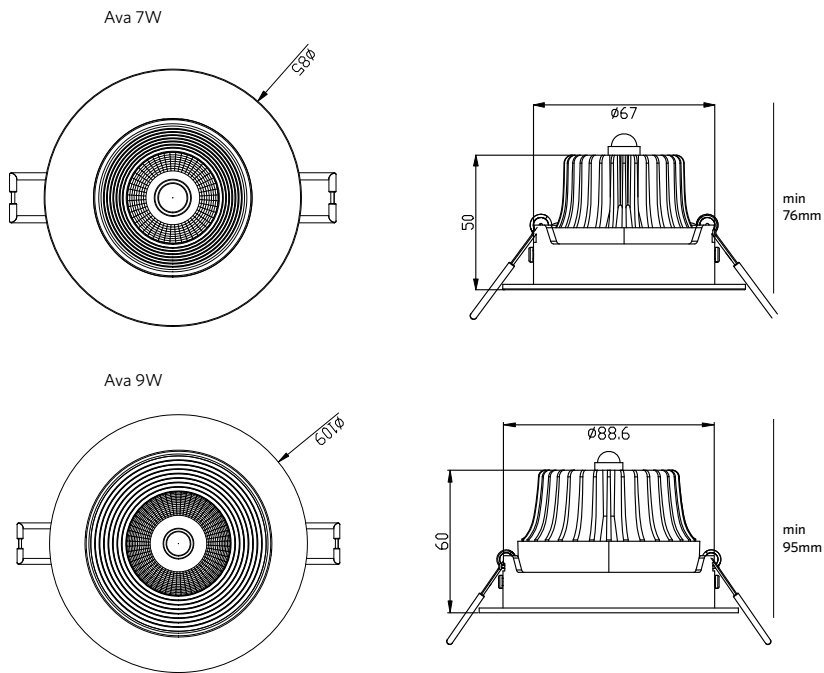
Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Aluminium (BA)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	30°	Storage temperature	-20 - +50°C
Dimmable	Yes		
IP	20		
Protection class	II		



Packaging information

Item		Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Single box (pc/box)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2	Outer box (pc/box)
Item Code	Item Description								
140049619	LED HRS 7W Dim 2700K 30D Ava MW CT	(HxWxL)	0,20	6956712634740	1	495x255x275	7,6	6956712635358	24
140049621	LED HRS 7W Dim 2700K 30D Ava BA CT	120x85x118	0,20	6956712634764	1	495x255x275	7,6	6956712635372	24
140049622	LED HRS 3X6.5W dim 2700K 30D Ava MW CT	312x100x145	0,8	6956712634771	3	640x305x220	10,5	6956712635389	8
140049624	LED HRS 3X6.5W dim 2700K 30D BA MW CT	495x255x275	0,8	6956712634795	3	640x305x220	10,5	6956712635402	8
140049625	LED HRS 9W Dim 2700K 30D Ava MW CT	142x90x145	0,3	6956712634801	1	585x305x290	9,5	6956712635419	24
140049627	LED HRS 9W Dim 2700K 30D Ava BA CT	142x90x145	0,3	6956712634825	1	585x305x290	9,5	6956712635433	24
140049628	LED HRS 3X8.5W Dim 2700K 30D Ava MW CT	377x110x160	1,0	6956712634832	3	495x395x350	11,6	6956712635440	8
140049630	LED HRS 3X8.5W Dim 2700K 30D Ava BA CT	377x110x160	1,0	6956712634856	3	495x395x350	11,6	6956712635464	8

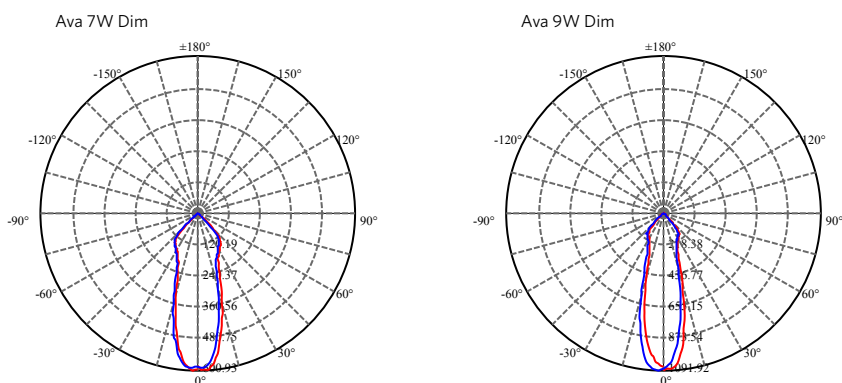
Dimensional Drawing



Installation Opening Drawing



Photometric Data





LED Recessed Spot Alfie

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation
- Movable reflector head

Benefits

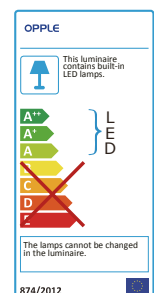
- Energy saving up to 80 % in comparison to a traditional light source
- Beam angle of 30° creates a perfect accent light
- Long lifetime up to 20,000 hours, no bulb changes required
- Provides full bright light from the first second

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140049631	LED HRS 4W 01 2700K 30D Alfie MW CT	4W	210	52,5	0,03	>80	2700	20,000	A	6956712634863	
140049633	LED HRS 4W 01 2700K 30D Alfie BA CT	4W	210	52,5	0,03	>80	2700	20,000	A	6956712634887	
140049634	LED HRS 4W 01 2700K 30D Alfie MW CT-3	12W	3X210	52,5	0,03	>80	2700	20,000	A	6956712634894	
140049636	LED HRS 4W 01 2700K 30D Alfie BA CT-3	12W	3X210	52,5	0,03	>80	2700	20,000	A	6956712634917	

CT-3 = set 3 pc

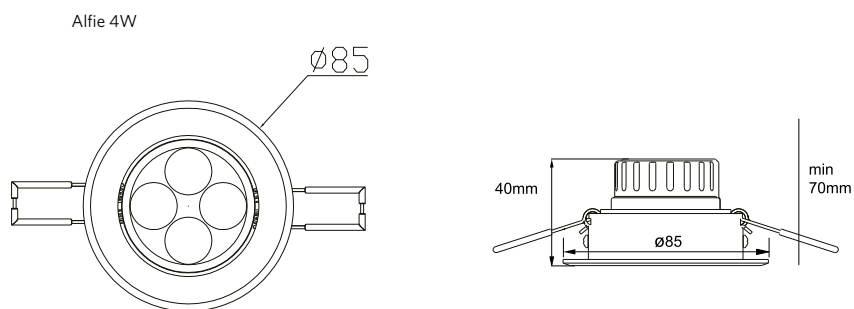
Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	Yes
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Matt White (MW), Brushed Aluminium (BA)
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	30°	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	II		



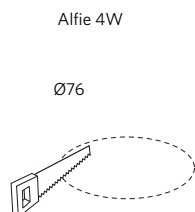
Packaging information

Item									
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Single box (pc/box)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2	Outer box (pc/box)
140049631	LED HRS 4W 01 2700K 30D Alfie MW CT	65x100x100	0,115	6956712634863	1	215x220x520	4,75	6956712635471	30
140049632	LED HRS 4W 01 2700K 30D Alfie BS CT	65x100x100	0,115	6956712634870	1	215x220x520	4,75	6956712635488	30
140049633	LED HRS 4W 01 2700K 30D Alfie BA CT	65x100x100	0,115	6956712634887	1	215x220x520	4,75	6956712635495	30
140049634	LED HRS 4W 01 2700K 30D Alfie MW CT 3	65x1115x305	0,335	6956712634894	3	280x320x365	5,6	6956712635501	12
140049635	LED HRS 4W 01 2700K 30D Alfie BS CT 3	65x1115x305	0,335	6956712634900	3	280x320x365	5,6	6956712635518	12
140049636	LED HRS 4W 01 2700K 30D Alfie BA CT 3	65x1115x305	0,335	6956712634917	3	280x320x365	5,6	6956712635525	12

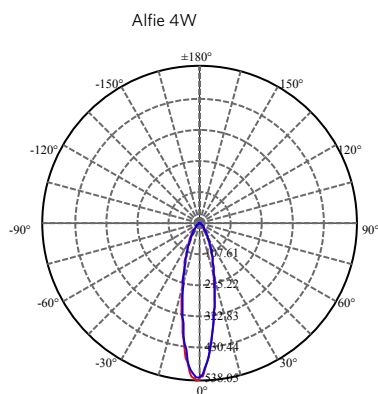
Dimensional Drawing



Installation Opening Drawing



Photometric Data





LED Recessed Spot Amelia

Features

- High efficient LED light source
- Warm white light
- Diffused flickerfree light
- Easy installation
- Dimmable

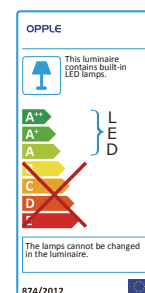
Benefits

- Energy saving up to 80 % in comparison to a traditional light source
- Beam angle of 60° creates a perfect accent light
- Long lifetime up to 20,000 hours, no bulb changes required
- Provides full bright light from the first second
- Dimmability allows to create a pleasant atmosphere

Specifications

Item Code	Item Description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CRI	CCT (K)	Lifespan (L80B50)	Energy level	EAN1	Gross Price
140049637	LED HRD 7W Dim 2700K 60D MW Amelia	7W	330	47	0,04	>80	2700	20,000	A	6956712634924	
140049638	LED HRD 7W Dim 2700K 60D CG Amelia	7W	330	47	0,04	>80	2700	20,000	A	6956712634931	

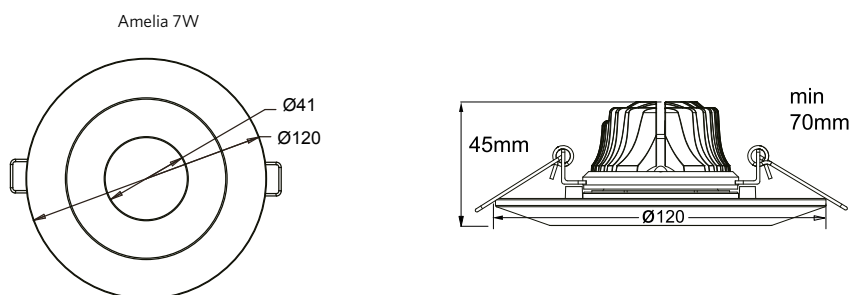
Technical Specifications			
AC / DC	AC	Integrated driver (Yes/No)	No
Voltage (V)	220-240	Operating temperature	-20 - +40°C
Frequency (Hz)	50/60	Colour of finish	Cool grey/Matt White
On / off cycles	50,000	Application temperature	+25°C
Beam angle (°)	60°	Storage temperature	-20 - +50°C
Dimmable	No		
IP	20		
Protection class	II		



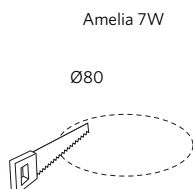
Packaging information

Item									
Item Code	Item Description	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN1	Single box (pc/box)	Dimensions (mm) (HxWxL)	Gross Weight (kg)	EAN2	Outer box (pc/box)
140049637	LED HRD 7W Dim 2700K 60D Amelia MW CT	60x125x160	0,25	6956712634924	1	260x390x495	10,8	6956712635532	36
140049638	LED HRD 7W Dim 2700K 60D Amelia CG CT	60x125x160	0,25	6956712634931	1	260x390x495	10,8	6956712635549	36

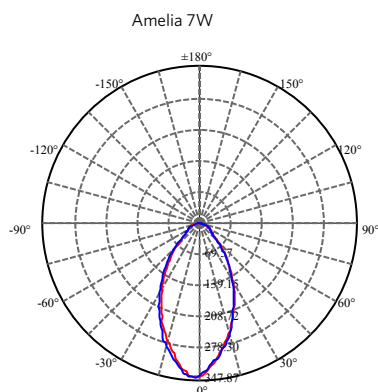
Dimensional Drawing



Installation Opening Drawing











Photometric Data



Dimming compatibility Level



OPPLE portfolio



	Compatible
	Semi-compatible
	Incompatible
	Untested

Dimmer brand	Model	Type	Max. load	Bulbs			Mini globe		Candle		GU10	
				A60 350lm	A60 470lm	A60 806lm	4W G50 250lm	6W G50 420lm	4W Candle 250lm	6W Candle 420lm	5.5W 350lm	6.5W 450lm
												
Berker	286610	RL	500W	1 - 12	1 - 8	1 - 6						
Berker	2819	R	400W	1 - 9		1 - 5						
Busch-Jaeger	2247U	RL	500W	1 - 12	1 - 8	1 - 6	1 - 16	1 - 11	1 - 16	1 - 11	1 - 11	
Busch-Jaeger	2250U	R	600W	1 - 13	1 - 10	1 - 7		1 - 12		1 - 12	1 - 11	
Busch-Jaeger	6513 U-102	RC	40-420W	1 - 9	1 - 7	1 - 5	2 - 13	1 - 9	2 - 13	1 - 9	1 - 10	
Busch-Jaeger	6523U	R,L	100W									
Druck	8095	RL	400W	1 - 9	1 - 7	1 - 5					1 - 9	
Gira	1176 00/104	R,L,C	420W									
Gira	2262 00/101	R,L	500W								1 - 12	
Jung	266 GDE	R	60-600W	2 - 13	2 - 10	1 - 7					1 - 15	
Jung	225	RL	100W									
Jung	1271	R	100W				1 - 12	1 - 8	1 - 12	1 - 8	1 - 7	
Niko	310-01901	R,L,C,CFLi	325W				1 - 10		1 - 10		1 - 8	
Sencys	8033	RL	400W	1 - 9	1 - 7	1 - 5						
Wintop	13212	L	300W	2 - 6	4 - 5	1 - 3		3 - 6		3 - 6	1 - 9	
Wintop	13512	RC	500W	1 - 12	1 - 8	1 - 6	3 - 15	1 - 10	3 - 15	1 - 10	1 - 12	

Please note:

For example, a Berker 2886610 dimmer can control a minimum of 1 and a maximum of 12 Opplle A60 350lm bulbs.

Dimmer brand	Model	Max. load	Led Spot	
			LEDspot HQ 7.5W dim	LEDspot HQ 9.5W dim
				
Berker	2819	400W	1-12	1-10
Berker	286610	500W	1-12	1-5
Busch-Jaeger	2247U	20 - 500W	1-12	1-11
Busch-Jaeger	2250U	600W	2 - 12	2-11
Busch-Jaeger	6513 U-102	40 - 420W	1-12	1-9
Busch-Jaeger	6523U	LED typical 2 ... 100W	1-12	1-11
Busch-Jaeger	6524U	LED 2 - 100 W	3 - 12	2-5
Eetako	EUD61NPN-UC	400W	1-12	1-9
Gira	UNIV 420WV	50 VA - 420 VA	1-12	1-9
Gira	HAL/LED 500VA	20 VA - 500 VA	1-12	
Jung	225 NV DE	LED typical 3 ... 100 W	1-12	1-3
Jung	266 G DE	500W	1-3	1-3
Klemko	891040	315W	1-7	1-5
Merten	merten MEG5134-0000	400W	1-12	1-10
Niko	310-01901	LED 5 - 200W	1-12	1-13
Peha	D 431HAN LED	LED 120W	1-12	1-7
Peha	TRONIC-DIMMER 435 HAB	400W	1-12	1-10
Trump	DIMMAX 420SL	400W	1-12	1-10

Dimmer brand	Model	Max. load	Led Spot	
			Ava	Amelia
				
Busch-Jaeger	6513U-102	40-420W		
Gira	0307 00 /102	20-525W		
Peha	433HAB	20-315W		

Connection specifications

Tables below present the maximum number of luminaires that can be connected on one B16 automate.

Category	Series	Types	Max. units per B16
LED Panel	Grille	36W / 36W DALI	44
LED Panel	Grille	21W / 21W DALI	80
LED Panel	Grille	11W / 13W DALI	160
LED Panel	Performer	40W	32
LED Panel	Performer	50W	42
LED Panel	EcoMax	32W	42
LED Panel	EcoMax	42W	53
LED Panel	Slim Performer	34W	38
LED Panel	Superior	95W	16
LED Downlight	HR/HM	9W	145
LED Downlight	HR/HM	9W HPf	166
LED Downlight	HR/HM	14W	100
LED Downlight	HR/HM	14W HPf	114
LED Downlight	HR/HM	29W	57
LED Downlight	HR/HM	42W	38
LED Downlight	HR/HM	10W DALI	127
LED Downlight	HR/HM	10W HPf DALI	127
LED Downlight	HR/HM	13W DALI	97
LED Downlight	HR/HM	13W HPf DALI	97
LED Downlight	HR/HM	25W DALI	51
LED Downlight	HR/HM	36W DALI	35
LED Downlight	HZ	8.5W	163
LED Downlight	HZ	10W	117
LED Downlight	HZ	13W	111
LED Spot	HQ	7W	222
LED Spot	HQ	7W dim	177
LED Spot	HQ	9W	160
LED Spot	HQ	9.5W dim	119
LED Highbay	Performer	110W	11
LED Highbay	Performer	210W	6
LED Highbay	Performer	100W / 100W DALI	11
LED Highbay	Performer	150W / 150W DALI	9
LED Highbay	Performer	200W / 200W DALI	6
LED Wall-mounted	EcoMax	13W	80
LED Waterproof	Performer	25W	57

Category	Series	Types	Max. units per B16
LED Waterproof	Performer	52W	29
LED Waterproof	Performer	30W	50
LED Waterproof	Performer	65W	24
LED Waterproof	Performer	25W DALI	47
LED Waterproof	Performer	52W DALI	24
LED Waterproof	Performer	35W DALI	36
LED Waterproof	Performer	65W DALI	19

Cut-Out conversion list

Cut-Out Overview																				
			Cut-Out (mm)		Φ68	Φ72	Φ76	Φ80	Φ95	Φ120	Φ125	Φ150	Φ172	Φ175	Φ200	Φ210	100x100	180x100		
LED Downlight	Performer	HR	LED DL-RC-HR R120-9W (incl.DALI)							■										
			LED DL-RC-HR R120-14W (incl.DALI)							■										
			LED DL-RC-HR R175-29W (incl.DALI)													■				
			LED DL-RC-HR R210-42W (incl.DALI)															■		
	HM	LED DL-RC-HM R120-9W (incl.DALI)									■									
		LED DL-RC-HM R120-14W (incl.DALI)									■									
		LED DL-RC-HM R175-29W (incl.DALI)													■					
		LED DL-RC-HM R210-42W (incl.DALI)															■			
	EcoMax	HZ	LED DL-RC-HZ R120-8.5W								■									
			LED DL-RC-HZ R172-10W												■					
LED DL-RC-HZ R172-13W																				
LED Spot light	Performer	RA	LED SP-RA-P 30W								■									
			LED SP-RA-HQ 7W (incl. Dim)																	
	HQ	RA Grid	LED SP-RA-HQ 9W (incl. Dim)																	
			LED SP-GR-HQ-1 7W																■	
			LED SP-GR-HQ-2 14W																	■
			LED SP-GR-HQ-1 9W (incl. Dim)																■	
			LED SP-GR-HQ-2 18W (incl. Dim)																	■
	EcoMax	RF	LED-SP-RF 4.5W	■																
	LED Spot recessed	Decorative	Chalice	LED Chalice 4.5W		■														
Ava			LED Ava 7W			■														
Ava			LED Ava 9W						■											
Alfie			LED Alfie 4W				■													
Amelia			LED Amelia 7W					■												

Note: For HR, HM and HZ adapter rings are also available.

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