

PRODUCT DATASHEET

DOWNLIGHT LED 150 14 W 3000 K WT

LEDVANCE DOWNLIGHT LED | LED downlight luminaires



Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

Product benefits

- High luminous efficacy
- Direct replacement for compact fluorescent lamp downlights
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- External driver for extended flexibility (compatible with selected DALI drivers)

Product features

- Diameter of required ceiling cut-out: 150 mm or 200 mm (depending on version)
- Type of protection: IP20



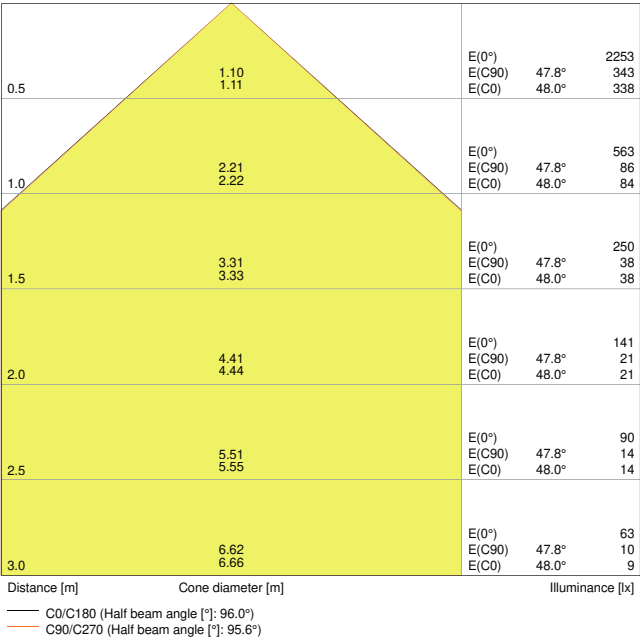
TECHNICAL DATA

Electrical data

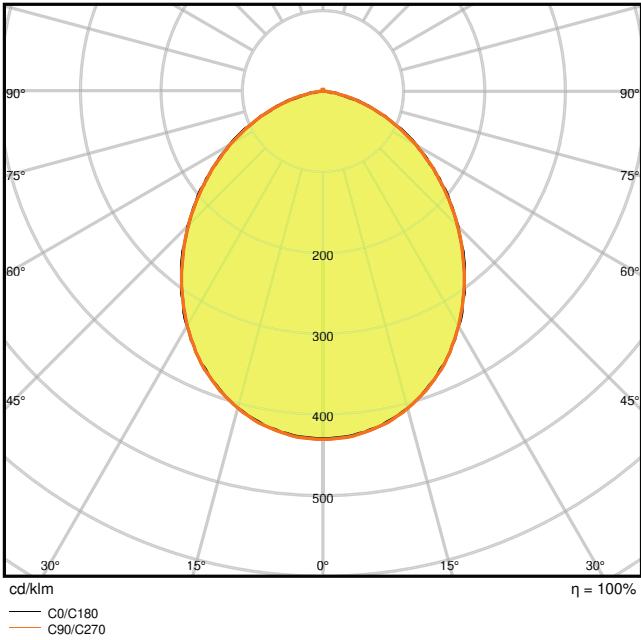
Nominal wattage	14.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	61 mA
Power factor λ	> 0.90
Protection class	II
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	1310 lm
Luminous efficacy	90 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdc _m
Photobiological safety group acc. to EN62778	RG0
Beam angle	95 °



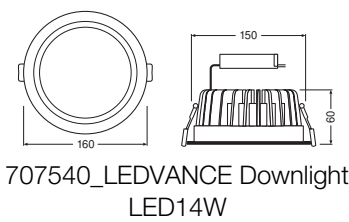
4058075000001 Downlight LED 14W 3000K 230V IP20



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Dimensions & Weight

Diameter	160.00 mm
Height	59.50 mm
Product weight	623.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Terminal, 2-pin
Type of protection	IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	150 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
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Lifespan L80/B10 at 25 °C	40000 h ¹⁾
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Recommended control gear	OTi DALI 15/220...240/1A0 LT2 (EAN: 4052899324879)
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Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction Downlight LED
	On-Pack-Info	Legal Insert Downlight LED
	Declarations of conformity	CE DL14W DL 25W Spot adjust
	Declarations of conformity	Attestation-of-Conformity-Spot LED -Fix-Adjust +Downlight LED TÜV
Photometric and lighting design files		Document name
	IES file (IES)	Downlight LED 14W 3000K 230V IP20
	LDT file (Eulumdat)	Down 14W 3000K
	UGR file (UGR table)	4058075000001 Downlight LED 14W 3000K 230V IP20
	Light distribution curve type cone	4058075000001 Downlight LED 14W 3000K 230V IP20
	Light distribution curve type polar	4058075000001 Downlight LED 14W 3000K 230V IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075000001	Folding box 1	175 mm x 175 mm x 105 mm	774.00 g	3.22 dm ³
4058075000018	Shipping box 18	545 mm x 370 mm x 345 mm	14181.00 g	69.57 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.