PRODUCT DATASHEET
LED VALUE COB Downlight 7 W 3000 K

LED VALUE COB DOWNLIGHT | Downlights

Areas of application

– Offices
– Shopping malls
– Retail and small shops
– Hospitality

Product benefits

– Stylish design
– Die-cast aluminum housing for improved heat dissipation
– Energy savings thanks to system efficacy of up to 100 lm/W
– External driver design makes the product quality more reliable
– Less than 51 mm product height make it easy to fit in tight ceiling spaces
– Low maintenance costs thanks to long lifetime
– High efficient COB LED ensure system liability

Product features

– Available in whole product family 3", 4", 6" and 8"
– Available with wattage in whole product family: 7 W, 10 W, 20 W, 30 W and 40 W
– 110-240 V make it more flexible in different countries
– Available with color temperature in whole product family: 3,000K, 4,000K, 6,500K
– Color rendering index R_a: > 80
– Color consistency: SDCM≤6

– Certificate: CB

TECHNICAL DATA

Electrical data

Nominal wattage	7.00 W
Nominal voltage	110…240 V
Mains frequency	50…60 Hz
Nominal current	34.000 mA
Power factor λ	> 0.5
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	630 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 sdcm
Beam angle	110 °

Dimensions & Weight

Length	95.00 mm
Width	95.00 mm
Height	41.00 mm
Product weight	149.00 g
Cable length	200 mm

LDVAL DL COB 70 7W

Materials & Colors

Body material	Aluminum
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Cable, 2-pole
Type of protection	IP20
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	70,0 mm
Mounting depth	100 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
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)

Certificates & Standards

Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	IES file (IES)	LDVAL DL COB 70 7W 830

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075514607	Folding box 1	102 mm x 52 mm x 114 mm	174.00 g	0.60 dm³
4058075514614	Shipping box 48	427 mm x 327 mm x 250 mm	9037.00 g	34.91 dm³

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.

DISCLAIMER

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