PRODUCT DATASHEET
LED Value Slim Downlight 18 W/3000 K

LED VALUE SLIM DOWNLIGHT | Flat downlight luminaires

Areas of application

– Corridors, entrance areas
– Foyers
– Elevators
– Retail

Product benefits

– Die-cast aluminum housing for improved heat dissipation
– No light can escape at the back of the luminaires thanks a special cover
– Elegant design

Product features

– Product color: white
– Available with color temperature: 3,000 K, 4,000 K, 6,500 K
– Color rendering index R_a: > 80
– High color consistency: ≤ 6 SDCM
– Luminaire efficacy: up to 89 lm/W
– Type of protection: IP20
– Lifetime (L70/B50): up to 30,000 h
– Protection class: II
– Uniform illumination

TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Power factor λ	0.50
Protection class	II

Photometrical data

Luminous flux	1440 lm
Luminous efficacy	80 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	120 °

Dimensions & Weight

Diameter	225.00 mm
Height	20.00 mm
Product weight	330.00 g

LDVAL SLIM downlight RD 205
18W

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Plastic

Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10…+50 °C
Temperature range at storage	-20…+70 °C
Type of protection	IP20
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	205,0 mm
Mounting depth	30 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Number of switching cycles	25000

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

DOWNLOAD DATA

	Photometric and lighting design files	Document name
IES	IES file (IES)	LDVAL SLIMDL RD 205 18W 830

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075314078	Folding box 1	230 mm x 47 mm x 230 mm	429.00 g	2.49 dm³
4058075314085	Shipping box 20	479 mm x 241 mm x 482 mm	9301.00 g	55.64 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.