PRODUCT DATASHEET
LED Performance Surface Mount Downlight 9 W 24 ° 4000 K Black

LED PERFORMANCE SURFACE MOUNT DOWNLIGHT | LED downlights for ceiling surface mounting

Areas of application

– Shops, supermarkets
– Public areas
– Corridors

Product benefits

– High power COB LED provides high lumen output in compact housing
– Low flicker light thanks to special electronic control gear
– Good color rendering for the best product presentation

Product features

– Available in two housing colors
– Available with color temperature: 3,000 K, 4,000 K
– Color rendering index R_a: > 90
– Power factor: > 0.9
– Initial color consistency: < 5 SDCM
– Lifetime (L70/B50): up to 30,000 h
– Type of protection: IP20
– CCC marked, CB test certificate

TECHNICAL DATA

Electrical data

Nominal wattage	9.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	680 lm
Luminous efficacy	75 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	90
Standard deviation of color matching	≤5 sdcm
Beam angle	24 °

Dimensions & Weight

Diameter	100.00 mm
Height	100.00 mm
Product weight	445.00 g
Cable length	110 mm

surface downlight 9W

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum

Mercury content	0.0 mg

Application & Mounting

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

Lifespan

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

[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)	LDPFM SURF DL 9W/940 24D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075333376	Folding box 1	106 mm x 106 mm x 105 mm	493.00 g	1.18 dm^3
4058075333383	Shipping box 24	445 mm x 340 mm x 230 mm	12642.00 g	34.80 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.

DISCLAIMER

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