

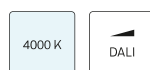
TPSA 180.2030.11



Description

- surface-mounted downlight for general lighting
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management via housing
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- housing cylinder made from die-cast aluminium
- sheet steel mounting ring with bayonet catch and safety rope for screw mounting
- 5-pole terminal block
- ballast (LED converter) integrated

Standard options



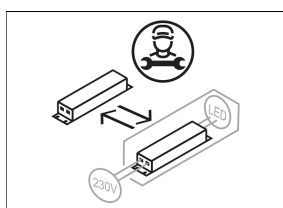
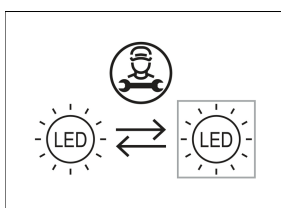
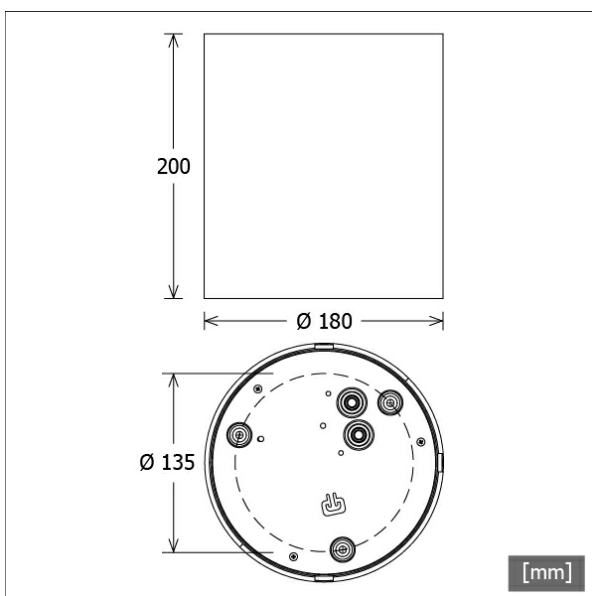
Lighting data / Norms

Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891015
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	18.9 W
Luminaire luminous flux	1950 lm
System efficiency	103.17 lm/W
Module efficiency	116.61 lm/W
UGR class	≤16
Beam range	Wide Flood
Beam angle	60°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Outer diameter	180 mm
Height	200 mm
Net weight	2.99 kg
Gross weight	3.46 kg

Colours	Article no.	EAN
silver	635916	4043544384027
white	635917	4043544384034
black	642415	4043544483072

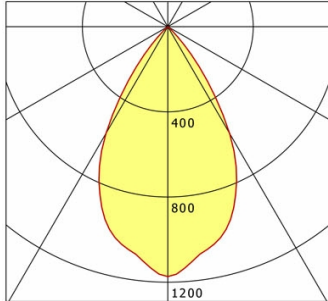


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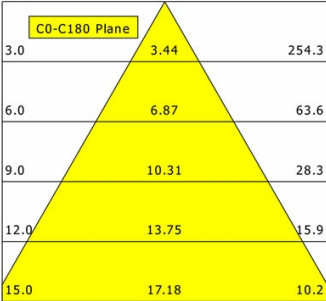
Topas | Surface-mounted (1xLED 19W 830/3000K 1950lm)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1174	1174	1174	1174
15°	1007	1007	1007	1007
30°	579	579	579	579
45°	48	48	48	48
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]



η	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	19 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.3
UGR C90/C270	16.3
CIE Flux Codes	97 100 100 100 100
Ra/CRI	>80

LTS