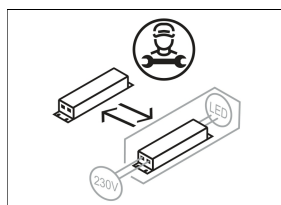
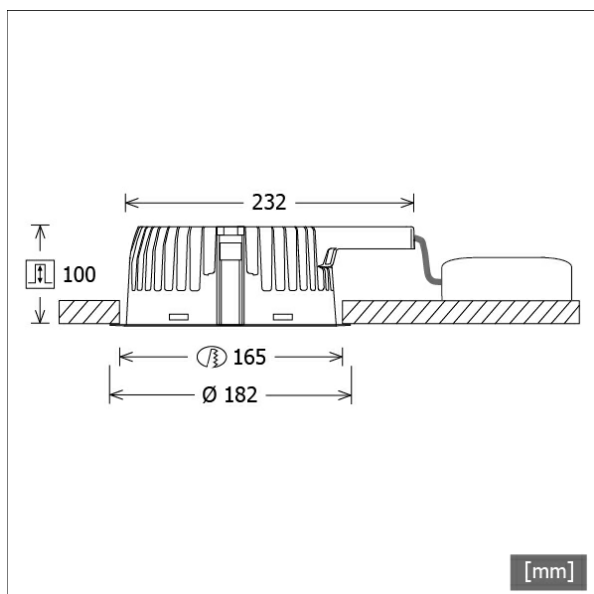


TPSF 182.2030.11



Colours	Article no.	EAN
white	634984	4043544373922



Description

- recessed downlight with low installation depth for general lighting
- luminaire can be expanded with different optic decor rings and glasses
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with passive cooling (heat sink made from die-cast aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- white filigree front ring made from polycarbonate
- tool-free ceiling mounting via automatic quick clamping (automatic adjustment of the ceiling thickness)
- connection to ballast via pre-fitted luminaire cable
- ballast (LED converter) included (external placement)

Standard options



Special options



Lighting data / Norms

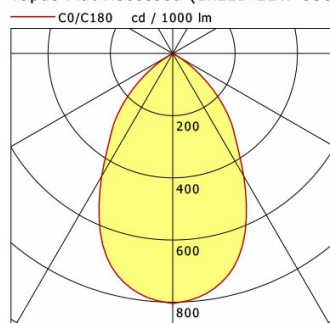
Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891015
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	22.0 W
Luminaire luminous flux	1930 lm
System efficiency	87.72 lm/W
Module efficiency	116.61 lm/W
UGR class	≤22
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Dimensions / Weights

Outer diameter	182 mm
Height	101 mm
Cut-out (Ø)	165 mm
Ceiling thickness	5.0 - 50.0 mm
Recessed depth	100 mm
Net weight	1.09 kg
Gross weight	1.15 kg

TPSF 182.2030.11

Topas Flat Recessed (1xLED 22W 830/3000K 1930lm 65 °)



	C0	C90	C180	C270
0°	804	804	804	804
15°	725	725	725	725
30°	456	456	456	456
45°	219	219	219	219
60°	21	21	21	21
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.85	172.5
6.0	7.69	43.1
9.0	11.54	19.2
12.0	15.39	10.8
15.0	19.23	6.9

C0-C180 Plane

η	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.5
UGR C90/C270	20.5
CIE Flux Codes	79 100 100 100 100
Ra/CRI	> 80

LTS

Accessories



NOL 50B/3H/DALI
LED emergency light-unit



TPZ 182.01
flange (design 1) without glass



TPZ 182.02
flange (design 1) with microprismatic acrylic glass



TPZ 182.03
flange (design 1) with clear acrylic glass



TPZ 182.04
flange (design 1) with opal acrylic glass



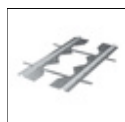
TPZ 182.05
flange (design 1) with opal structured shade



TPZ 182.06
flange (design 2) without glass



ZDAR 165.205-265
compensation ring for ceiling cut-outs from 205 to 265 mm



ZVP 100
universal reinforcement frame
(module 625 x 625)