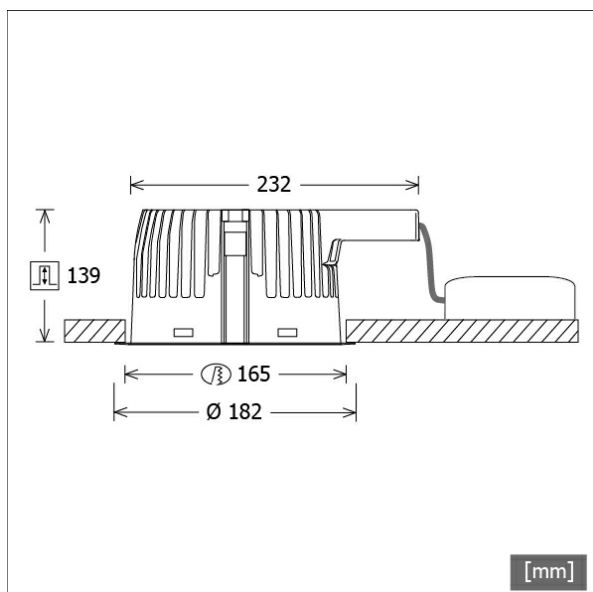


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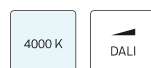
Colours	Article no.	EAN
white	634972	4043544373700



Description

- recessed downlight for general and workplace 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	1910 lm
System efficiency	86.81 lm/W
Module efficiency	116.61 lm/W
UGR class	≤16
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

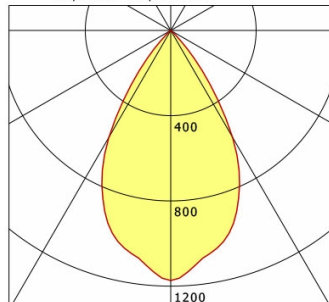
Dimensions / Weights

Outer diameter	182 mm
Height	140 mm
Cut-out (Ø)	165 mm
Ceiling thickness	5.0 - 50.0 mm
Recessed depth	139 mm
Net weight	1.13 kg
Gross weight	1.19 kg

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Topas Recessed (1xLED 22W 830/3000K 1910lm 65 °)

— 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]

C0-C180 Plane		
3.0	3.44	249.0
6.0	6.87	62.3
9.0	10.31	27.7
12.0	13.75	15.6
15.0	17.18	10.0

η	LED
Efficiency	87 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 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

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)