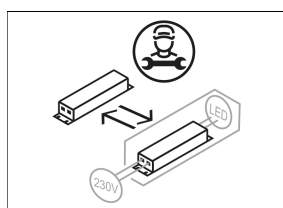
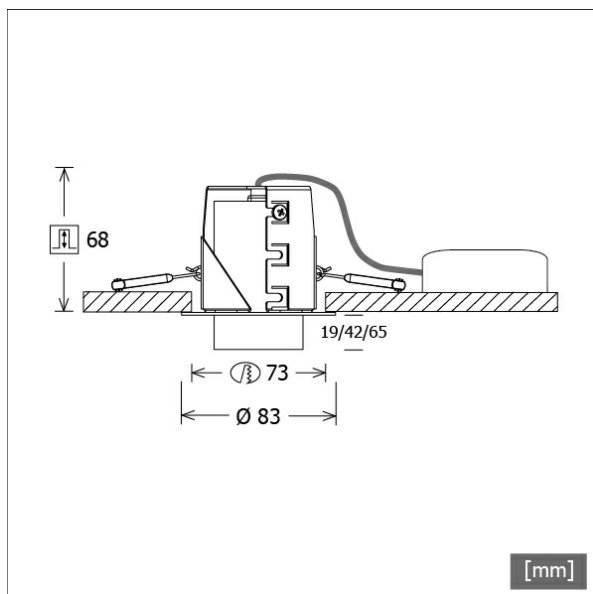


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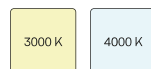
Colours	Article no.	EAN
silver	661208	4043544701022
black	661209	4043544701039
white	661210	4043544701046



Description

- recessed downlight with protruding light-head
- light-head can be preadjusted in three positions (19/42/65 mm)
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management via housing
- high-tech reflector lense made from PMMA for high luminous efficiency and glare-free lighting
- cylindrical housing made from aluminium
- recessed ring made from sheet steel
- tool-free ceiling mounting via quick-action clamping springs (adjustable ceiling thickness 1 - 20 mm or 10 - 40 mm)
- connection to ballast via luminaire cable with Mini-Clamp connector
- ballast (LED converter) included (external placement)

Standard options



Special options



Lighting data / Norms

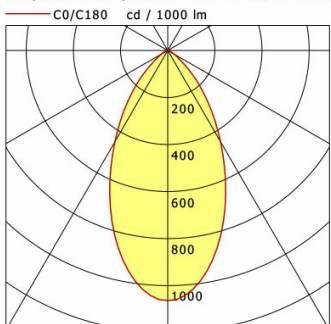
Lamps	LED Spot / CRI 80 / 2700 K
EPREL light sources	951661
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	730 lm
System efficiency	60.83 lm/W
Module efficiency	127.71 lm/W
UGR class	≤28
Beam angle	55°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

Dimensions / Weights

Outer diameter	83 mm
Height	88 mm
Cut-out (Ø)	73 mm
Ceiling thickness	1.0 - 20.0 mm
Recessed depth	68 mm
Diameter of light head	48 mm
Net weight	0.50 kg
Gross weight	0.53 kg

TORL 251.827.55

Torpedo 250 (1xLED 12W 827/2700K 730lm 55 °)



	C0	C90	C180	C270
0°	1063	1063	1063	1063
15°	842	842	842	842
30°	448	448	448	448
45°	158	158	158	158
60°	32	32	32	32
75°	4	4	4	4
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	3.01	86.2
6.0	6.03	21.6
9.0	9.04	9.6
12.0	12.06	5.4
15.0	15.07	3.4

η	LED
Efficiency	61 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.9
UGR C90/C270	25.9
CIE Flux Codes	83 97 100 100 100
Ra/CRI	>80

LTS