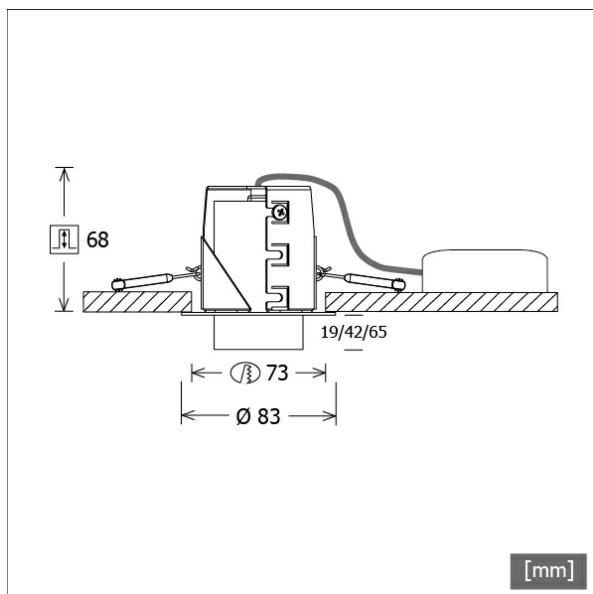


TORL 251.830.55



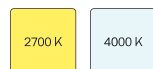
Colours	Article no.	EAN
silver	661216	4043544701107
black	661217	4043544701114
white	661218	4043544701121



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

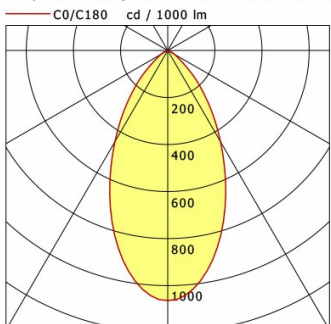
Lamps	LED Spot / CRI 80 / 3000 K
EPREL light sources	992480
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	760 lm
System efficiency	63.33 lm/W
Module efficiency	157.83 lm/W
UGR class	≤28
Beam angle	55°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection 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 251.830.55

Torpedo 250 (1xLED 12W 827/2700K 760lm 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	89.8
6.0	6.03	22.4
9.0	9.04	10.0
12.0	12.06	5.6
15.0	15.07	3.6

η	LED
Efficiency	63 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.0
UGR C90/C270	26.0
CIE Flux Codes	83 97 100 100 100
Ra/CRI	> 80

LTS