

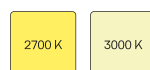
TORL 302.840.15.2/DALI-EU



Description

- flexible track-mounted spotlight in compact cylindrical design
- luminaire rotates through 350° and pivots through 180° via U-bracket
- 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 and U-bracket made from aluminium
- clear safety glass
- 3-phase track adapter DALI (Eutrac)
- ballast (LED converter DALI, dimmable) integrated

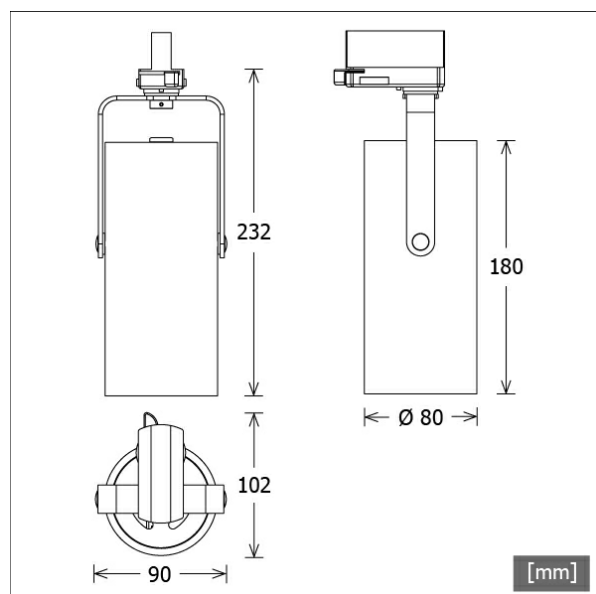
Standard options



Special options



Colours	Article no.	EAN
black	657107	4043544659996
silver	657108	4043544660008
white	657109	4043544660015

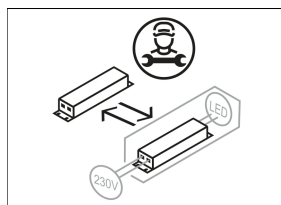


Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	851282
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	24.6 W
Luminaire luminous flux	2680 lm
System efficiency	108.94 lm/W
Module efficiency	162.17 lm/W
UGR class	≤19
Beam angle	15°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

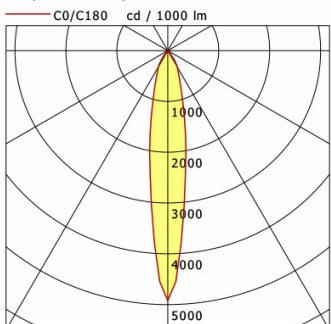
Dimensions / Weights

Length	102 mm
Width	90 mm
Height	232 mm
Diameter of light head	80 mm
Net weight	0.92 kg
Gross weight	1.06 kg



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Torpedo 300 (1xLED 25W 840/4000K 2680lm 15 °)



	C0	C90	C180	C270
0°	4920	4920	4920	4920
15°	1201	1201	1201	1201
30°	371	371	371	371
45°	3	3	3	3
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	0.86	1465.1
6.0	1.73	366.3
9.0	2.59	162.8
12.0	3.45	91.6
15.0	4.31	58.6

η	LED
Efficiency	107 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	25 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.4
UGR C90/C270	19.4
CIE Flux Codes	100 100 100 100 100
Ra/CRI	> 80

LTS

Accessories



ZBK 12
anti-glare flaps



ZBW 85
honeycomb louvre