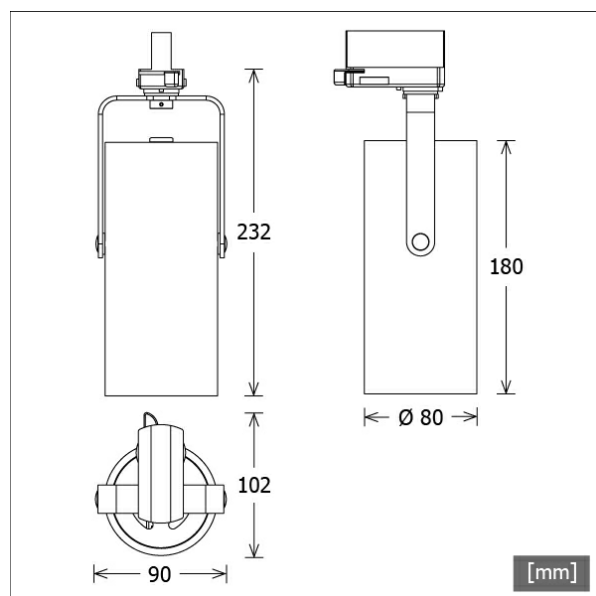


TORL 301.827.25.2/DALI-EU



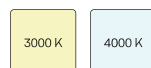
Colours	Article no.	EAN
black	656944	4043544658371
silver	656945	4043544658388
white	656946	4043544658395



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



Lighting data / Norms

Lamps	LED Spot / CRI 80 / 2700 K
EPREL light sources	848120
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	13.0 W
Luminaire luminous flux	1260 lm
System efficiency	96.92 lm/W
Module efficiency	127.18 lm/W
UGR class	≤19
Beam angle	25°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

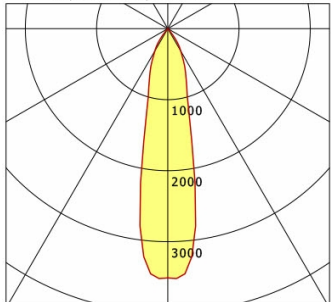
Dimensions / Weights

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 13W 827/2700K 1260lm 25 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3510	3510	3510	3510
15°	1099	1099	1099	1099
30°	363	363	363	363
45°	2	2	2	2
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	1.23	491.5
6.0	2.46	122.9
9.0	3.70	54.6
12.0	4.93	30.7
15.0	6.16	19.7

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	13 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.7
UGR C90/C270	16.7
CIE Flux Codes	100 100 100 100 100
Ra/CRI	>80

LTS

Accessories



ZBK 12
anti-glare flaps



ZBW 85
honeycomb louvre