

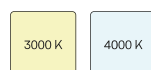
TORL 302.827.45.2/DALI-EU



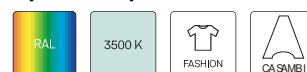
Description

- 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



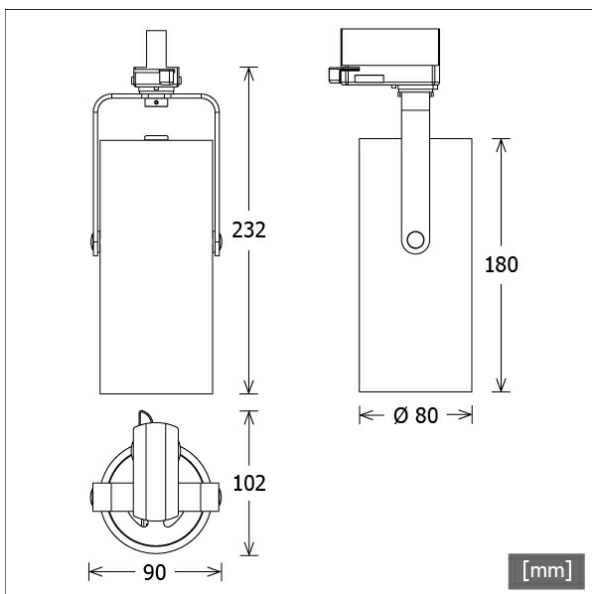
Colours	Article no.	EAN
black	657053	4043544659453
silver	657054	4043544659460
white	657055	4043544659477

Lighting data / Norms

Lamps	LED Spot / CRI 80 / 2700 K
EPREL light sources	970823
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	24.6 W
Luminaire luminous flux	2300 lm
System efficiency	93.49 lm/W
Module efficiency	128.62 lm/W
UGR class	≤19
Beam angle	45°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

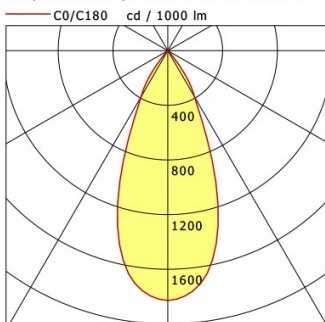
Dimensions / Weights

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 827/2700K 2300lm 45 °)



	C0	C90	C180	C270
0°	1829	1829	1829	1829
15°	1398	1398	1398	1398
30°	391	391	391	391
45°	5	5	5	5
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	2.35	467.4
6.0	4.70	116.9
9.0	7.05	51.9
12.0	9.40	29.2
15.0	11.75	18.7

η	LED
Efficiency	92 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	99 100 100 100 100
Ra/CRI	>80

LTS

Accessories



ZBK 12
anti-glare flaps



ZBW 85
honeycomb louvre