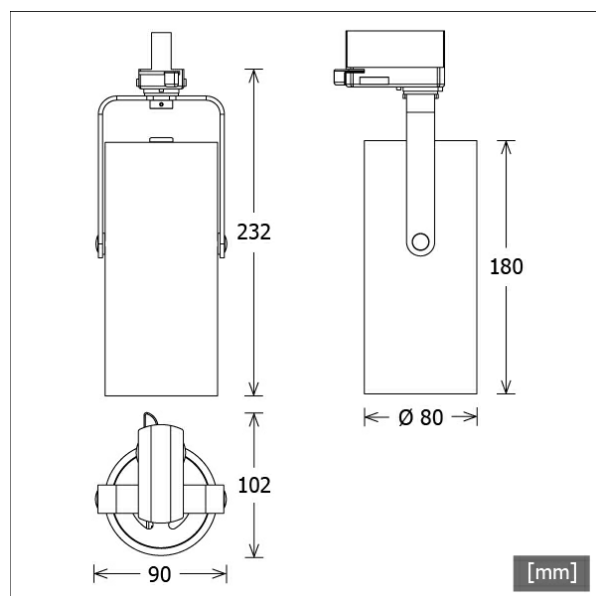




TORL 301.827.15.2



Colours	Article no.	EAN
black	656935	4043544658289
silver	656936	4043544658296
white	656937	4043544658302



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
- ballast (LED converter) integrated

Standard options



Special options



Lighting data / Norms

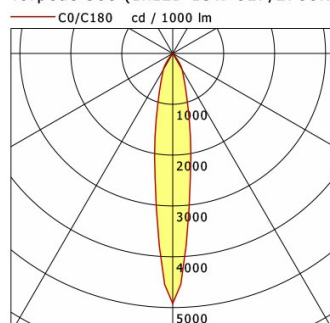
Lamps	LED Spot / CRI 80 / 2700 K
EPREL light sources	848120
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	13.0 W
Luminaire luminous flux	1250 lm
System efficiency	96.15 lm/W
Module efficiency	127.18 lm/W
UGR class	≤19
Beam angle	15°
Supply voltage	220 - 240 V / 50 - 60 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	0.86 kg
Gross weight	1.02 kg

TORL 301.827.15.2

Torpedo 300 (1xLED 13W 827/2700K 1250lm 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]
3.0	0.86	683.4
6.0	1.73	170.8
9.0	2.59	75.9
12.0	3.45	42.7
15.0	4.31	27.3

η	LED
Efficiency	96 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



ST-A 10/9000A-1-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 1000 mm)



ST-A 20/9000A-2-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 2000 mm)



ST-A 30/9000A-3-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 3000 mm)



ST-A 40/9000A-4-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 4000 mm)



ST-A MONO/9000-BPU-D
 3-phase surface-mounted monopoint with bus option



ST-E 10/9000-1-R
 recessed track ONETrack with data bus
 (length: 1000 mm)



ST-E 20/9000-2-R
 recessed track ONETrack with data bus
 (length: 2000 mm)



ST-E 30/9000-3-R
 recessed track ONETrack with data bus
 (length: 3000 mm)



ST-E 40/9000-4-R
 recessed track ONETrack with data bus
 (length: 4000 mm)



ST-E MONO/9000-BPU-D
 3-phase recessed monopoint with bus option



ZBK 12
 anti-glare flaps



ZBW 85
 honeycomb louvre