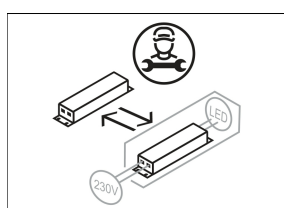
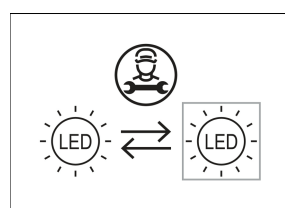
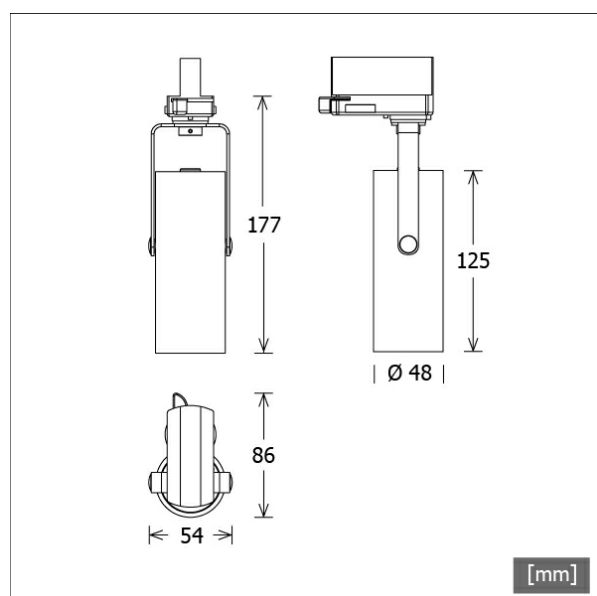




TORL 201.840.25.2



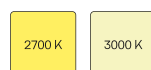
Colours	Article no.	EAN
black	657726	4043544666314
silver	657727	4043544666321
white	657728	4043544666338



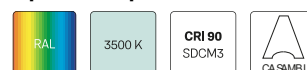
Description

- flexible track-mounted mini 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
- high-tech reflector lens made from PMMA for high luminous efficiency and glare-free lighting
- housing cylinder and U-bracket made from aluminium
- 3-phase track adapter
- ballast (LED converter) integrated

Standard options



Special options



Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	12.0 W
Luminaire luminous flux	1090 lm
System efficiency	90.83 lm/W
Module efficiency	160.65 lm/W
UGR class	≤19
Beam angle	25°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

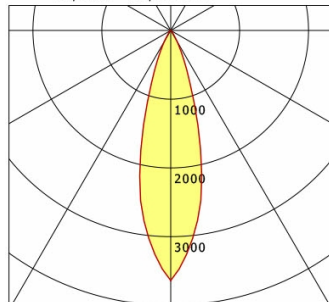
Dimensions / Weights

Length	86 mm
Width	54 mm
Height	177 mm
Diameter of light head	48 mm
Net weight	0.30 kg
Gross weight	0.38 kg

TORL 201.840.25.2

Torpedo 200 (1xLED 12W 840/4000K 1090lm 25 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3638	3638	3638	3638
15°	1611	1611	1611	1611
30°	188	188	188	188
45°	25	25	25	25
60°	8	8	8	8
75°	1	1	1	1
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

C0-C180 Plane		
3.0	1.48	440.6
6.0	2.97	110.2
9.0	4.45	49.0
12.0	5.93	27.5
15.0	7.41	17.6

η	LED
Efficiency	91 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	12 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.9
UGR C90/C270	16.9
CIE Flux Codes	97 99 100 100 100
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