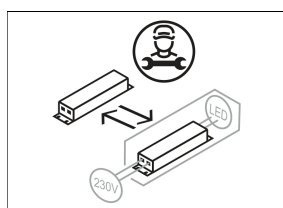
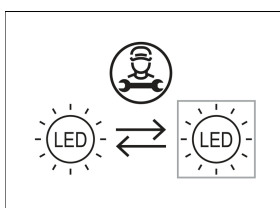
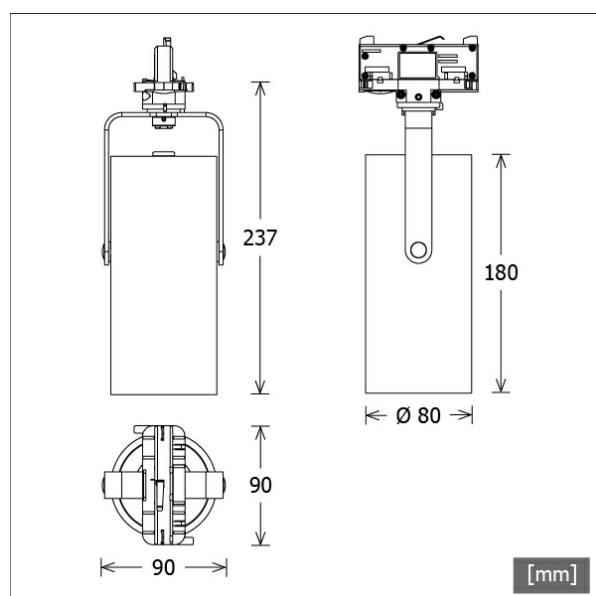


TORL 302.840.45.2/DALI-ST



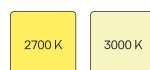
Colours	Article no.	EAN
silver	662538	4043544715852
black	662539	4043544715869
white	662540	4043544715876



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 (ONETrack)
- ballast (LED converter DALI, dimmable) integrated

Standard options



Special options



Lighting data / Norms

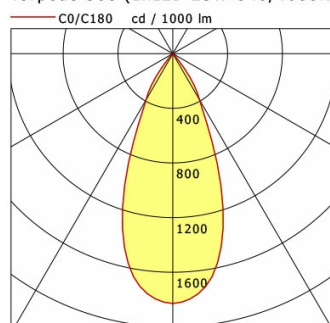
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	851282
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	24.6 W
Luminaire luminous flux	2570 lm
System efficiency	104.47 lm/W
Module efficiency	162.17 lm/W
UGR class	≤22
Beam angle	45°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Length	90 mm
Width	90 mm
Height	237 mm
Diameter of light head	80 mm
Net weight	0.98 kg
Gross weight	1.12 kg

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Torpedo 300 (1xLED 25W 840/4000K 2570lm 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]
3.0	2.35	522.3
6.0	4.70	130.6
9.0	7.05	58.0
12.0	9.40	32.6
15.0	11.75	20.9

η	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	25 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.8
UGR C90/C270	19.8
CIE Flux Codes	99 100 100 100 100
Ra/CRI	> 80

LTS

Accessories



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



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



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



ST-A 40/9000A-4-ST
 surface-mounted track ONTrack 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 ONTrack with data bus
 (length: 1000 mm)



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



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



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



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



ZB-OR DONGLE
 Organic Response IR dongle kit



ZB-OR GATEWAY
 Organic Response IoT Gateway Cascade Series

Track-Mounted Spotlights · Torpedo 300



TORL 302.840.45.2/DALI-ST

Accessories



ZB-OR-T SENSOR
Organic Response sensor for track mounting



ZBK 12
anti-glare flaps



ZBW 85
honeycomb louvre