TORL 301.840.45.2

LTS
LOVE TO SHINE

CE | RoHS | ⏚ | IP20

Colours	Article no.	EAN
black	657026	4043544659187
silver	657027	4043544659194
white	657028	4043544659200
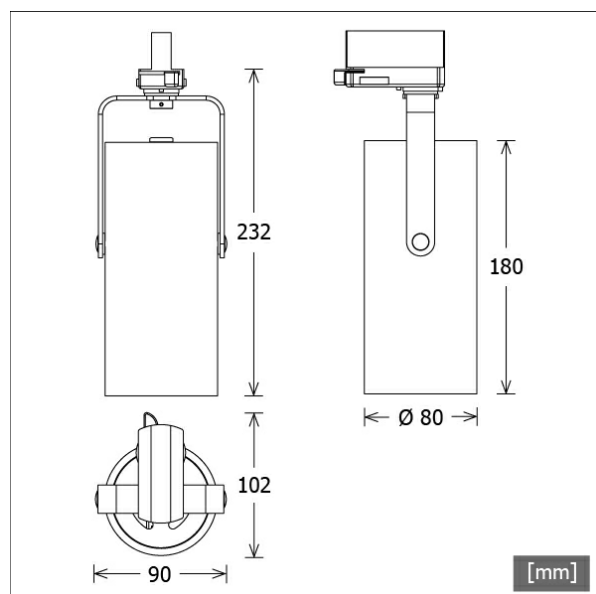
Description

- 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

2700 K | 3000 K | DALI

Special options

RAL | 3500 K | CRI 90 SDCM3 | FASHION | MinusBlue | CASAMBI

Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	848119
Lifetime	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
System power	13.0 W
Luminaire luminous flux	1350 lm
System efficiency	103.84 lm/W
Module efficiency	160.37 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	0.86 kg
Gross weight	1.02 kg

TORL 301.840.45.2

Torpedo 300 (1xLED 13W 840/4000K 1350lm 45 °)
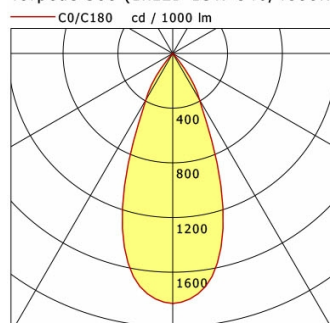
— C0/C180   cd / 1000 lm

	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	274.4
6.0	4.70	68.6
9.0	7.05	30.5
12.0	9.40	17.1
15.0	11.75	11.0

η	LED
Efficiency	104 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	13 W
UGR	X = 4H, Y = 8H
Reflection factors	70/50/20
UGR C0/C180	17.6
UGR C90/C270	17.6
CIE Flux Codes	99 100 100 100 100
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