# TORL 201.830.40.2

**LTS**
**LOVE TO SHINE**

CE | RoHS | IP20



| Colours | Article no. | EAN |
|---|---|---|
| black | 657711 | 4043544666161 |
| silver | 657712 | 4043544666178 |
| white | 657713 | 4043544666185 |



[mm]
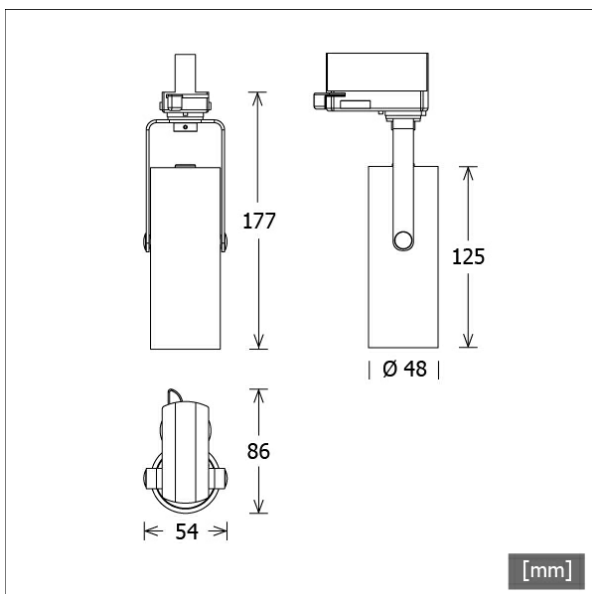


## Description

- 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 lense 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

2700 K | 4000 K

## Special options

RAL | 3500 K | CRI 90 SDCM3 | CASAMBI

## Lighting data / Norms

| | |
|---|---|
| Lamps | LED Spot / CRI 80 / 3000 K |
| EPREL light sources | 992480 |
| Lifetime | L90 B50 50.000 h |
| | L80 B50 100.000 h |
| | L80 B20 50.000 h |
| System power | 12.0 W |
| Luminaire luminous flux | 1100 lm |
| System efficiency | 91.66 lm/W |
| Module efficiency | 157.83 lm/W |
| UGR class | ≤ 22 |
| Beam angle | 40° |
| 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 201.830.40.2

Torpedo 200 (1xLED 12W 830/3000K 1100lm  40 °)

── C0/C180    cd / 1000 lm
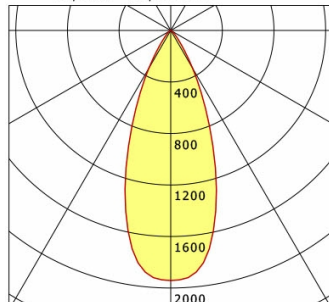
| | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 1942 | 1942 | 1942 | 1942 |
| 15° | 1365 | 1365 | 1365 | 1365 |
| 30° | 340 | 340 | 340 | 340 |
| 45° | 47 | 47 | 47 | 47 |
| 60° | 10 | 10 | 10 | 10 |
| 75° | 1 | 1 | 1 | 1 |
| 90° | 0 | 0 | 0 | 0 |
| | | cd / 1000 lm | | |

| Offset [m] | Cone width [m] | Illuminance [lx] |
|---|---|---|
| C0-C180 Plane | | |
| 3.0 | 2.16 | 237.3 |
| 6.0 | 4.32 | 59.3 |
| 9.0 | 6.48 | 26.4 |
| 12.0 | 8.65 | 14.8 |
| 15.0 | 10.81 | 9.5 |

| η | LED |
|---|---|
| Efficiency | 92 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 12 W |
| **UGR** | X = 4H, Y = 8H |
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 20.9 |
| UGR C90/C270 | 20.9 |
| CIE Flux Codes | 95 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