# Datasheet



# CX50D01

## General

- Indoor
- Spotlight
- Install onto the track, adjustable
- Profile Inset
- Version: round
- Housing: black
- System Output: 360lm
- IP 20

## LED

- 2700K/3000K/3500K/4000K/5000K
- CRI>90
- 50000h@L80B10
- SDCM: 3

## Optics

- Beam angle: 16°/24°/36°
- UGR <15

## Electric

- LED Driver: DALI
- LED Power: 6W
- 36V

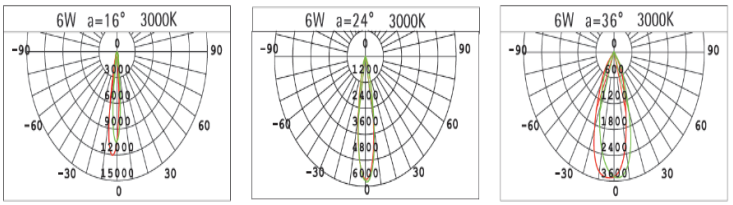
## Dimensions

- Measurement: Ø38.5mm
- Height: 103.4mm

## Description

- Magnetic Track Spotlight Inset with DALI dimming driver;
- Black painted finish (RAL 9005);
- LED 6W;
- Measurement Ø38.5mm; height of the spotlight is 103.4mm; wide of the profile inset is 186mm;
- High color rendering at an index of CRI90;
- After a lifetime of 50000h min. 80% of the luminous flux with energy efficient Luminus LED Chips;
- 5 years warranty;
- Precise beam characteristic with 16°/24°/36° beam angles;
- Lighting perfectly suitable for reading, writing as well as computer and control work according to DIN EN 12464-1 (UGR<15);
- Degree of housing protection according to DIN EN 60529 (IP20).

## Light distribution




6W 16°

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.23 | 7605 | 11995 |
| 2 | 0.46 | 1901 | 2999 |
| 3 | 0.69 | 845 | 1333 |

6W 24°

Lux

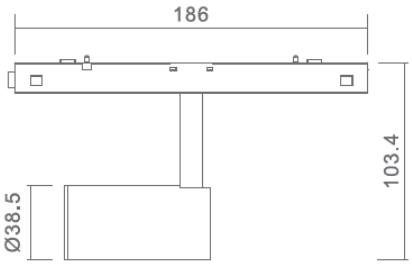
| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.36 | 3839 | 5800 |
| 2 | 0.72 | 959.7 | 1450 |
| 3 | 1.08 | 426.5 | 644.5 |

6W 36°

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.7 | 1975 | 2944 |
| 2 | 1.4 | 493.7 | 735.9 |
| 3 | 2.1 | 219.4 | 327.1 |

## Technical drawing




The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors.