Datasheet

CX50D03



General

- Indoor
- Spotlight
- Install onto the track, adjustable
- Profile Inset
- Version: round
- Housing: black
- System Output: 720lm
- 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: 12W
- 36V

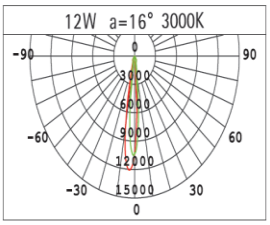
Dimensions

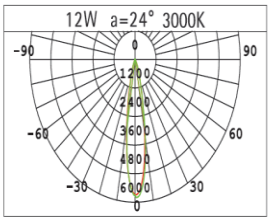
- Measurement: Ø60mm
- Height: 125mm

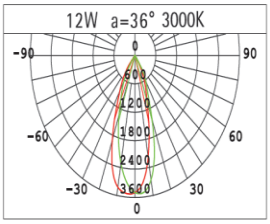
Description

- Magnetic Track Spotlight Inset with DALI dimming driver;
- Black painted finish (RAL 9005);
- LED 12W;
- Measurement Ø60mm; height of the spotlight is 125mm; 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







12W 16°

Lux

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

12W 24°

Lux

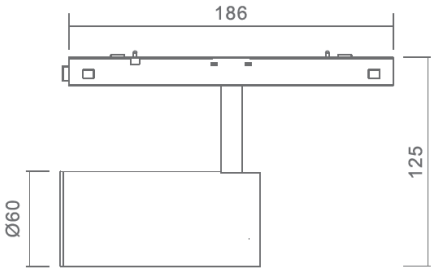
h(m)	d(m)	Em	Emax
1	0.36	3839	5800
2	0.72	959.7	1450
3	1.08	426.5	644.5

12W 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.