# Datasheet

# CX6002F



## General

- Indoor
- General Light
- Install onto the track
- Profile Inset
- Version: rectangle
- Housing: black
- System Output: 720lm
- IP 20

## LED

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

## Optics

- Beam angle: 120°
- UGR <15

## Electric

- LED Driver: ON-OFF
- LED Power: 12W
- 48V

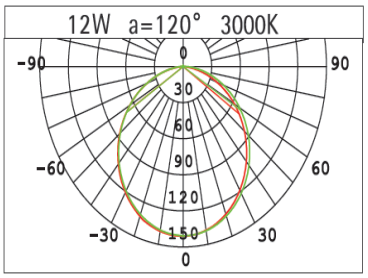
## Dimensions

- Measurement: 579mm x 20mm
- Height: 40mm

## Description

- Magnetic Surface Light Inset with ON-OFF;
- Black painted finish (RAL 9005);
- LED 12W;
- Measurement 579mm x 20mm; height of the profile inset is 40mm;
- High color rendering at an index of CRI90;
- After a lifetime of 50000h min. 80% of the luminous flux with energy efficient OSRAM LED Chips;
- 5 years warranty;
- Precise beam characteristic with 120° beam angle;
- 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

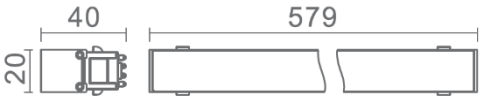



12W 120°

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 3.03 | 42.31 | 147.8 |
| 2 | 6.06 | 10.58 | 36.96 |
| 3 | 9.09 | 4.701 | 16.43 |

## 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.