# Datasheet



# HD-TH50D06

## General

- Indoor
- Accent Light
- Recessed, fixed
- Profile Inset
- Version: rectangle
- Housing: white
- Reflector: black
- System Output: 600lm
- IP 20

## LED

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

## Optics

- Beam angle: 15°/24°/36°
- UGR <15

## Electric

- LED Driver: none
- LED Power: 10W
- 18V
- 500mA

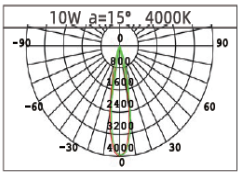
## Dimensions

- Measurement: 143.3mm x 31.5mm
- Height: 38.3mm
- Cutout: 139mm x 26mm

## Description

- 6-Bulb Square Mini Grid Light with white painted finish (RAL 9016) and black reflector;
- Work with DALI/0-10V/TRIAC dimming driver;
- LED 10W;
- Measurement 143.3mm x 31.5mm; height of the profile inset 38.3mm;
- High color rendering at an index of CRI90;
- After a lifetime of 50000h min. 80% of the luminous flux;
- 5 years warranty;
- Precise beam characteristic with 15°/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).

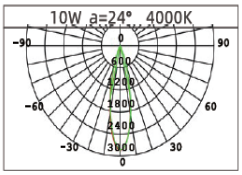
## Light distribution




10W 15° 698lm

Lux

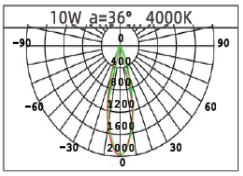
| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.39 | 2724 | 3973 |
| 2 | 0.78 | 681 | 993.2 |
| 3 | 1.18 | 302.7 | 441.4 |
| 4 | 1.57 | 170.2 | 248.3 |
| 5 | 1.97 | 109 | 158.9 |




10W 24° 635lm

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.46 | 1954 | 2846 |
| 2 | 0.91 | 488.4 | 711.5 |
| 3 | 1.37 | 217.1 | 316.2 |
| 4 | 1.83 | 122.1 | 177.9 |
| 5 | 2.29 | 78.14 | 113.8 |

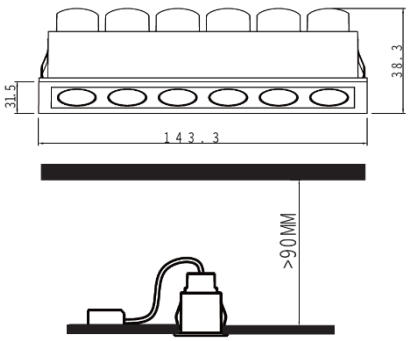



10W 36° 608lm

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.53 | 1342 | 1976 |
| 2 | 1.06 | 335.6 | 494.1 |
| 3 | 1.59 | 149.1 | 219.6 |
| 4 | 2.12 | 83.89 | 123.5 |
| 5 | 2.65 | 53.69 | 79.05 |

## 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.