# Datasheet



# HD-TH6004F

## General

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

## LED

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

## Optics

- Beam angle: 15°/25°/30°
- UGR <15

## Electric

- LED Driver: ON-OFF
- LED Power: 10W
- 12V
- 600mA

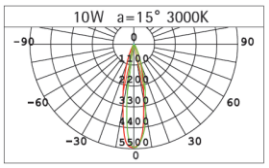
## Dimensions

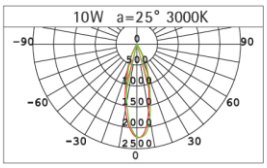
- Measurement: 146mm x 46mm
- Height: 60mm
- Cutout: 138mm x 42mm

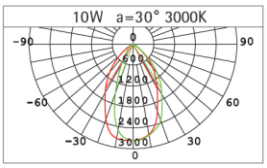
## Description

- 4-Bulb Recessed Grid Light Inset with ON-OFF;
- White/black painted finish (RAL 9016/RAL 9005) and black reflector;
- LED 10W;
- Measurement 146mm x 46mm; height of the profile inset 60mm;
- 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 15°/25°/30° 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°

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.23 | 3769 | 5491 |
| 2 | 0.46 | 942.3 | 1373 |
| 3 | 0.69 | 418.8 | 610.1 |

10W 25°

Lux

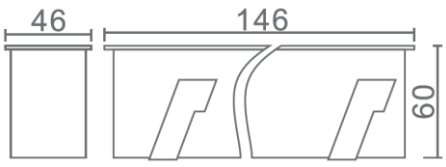
| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.51 | 1492 | 2236 |
| 2 | 1.02 | 372.9 | 559.1 |
| 3 | 1.53 | 165.8 | 248.5 |

10W 30°

Lux

| h(m) | d(m) | Em | Emax |
|---|---|---|---|
| 1 | 0.68 | 1954 | 2859 |
| 2 | 1.36 | 488.5 | 714.8 |
| 3 | 2.04 | 217.1 | 317.7 |

## 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.