

## HD-TH6002



### General

- Indoor
- Accent Light
- Recessed, fixed
- Profile Inset
- Version: rectangle
- Housing: white/black
- Reflector: black
- System Output: 240lm
- IP 20

### LED

**OSRAM**

- 2800K-6000K
- CRI>90
- 50000h@L80B10
- SDCM: 3

### Optics

- Beam angle: 15°/25°/30°
- UGR <15

### Electric

- LED Driver: none
- LED Power: 4W
- 12V
- 300mA

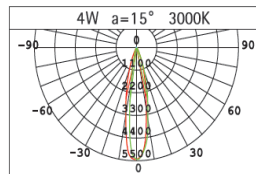
### Dimensions

- Measurement: 80mm x 46mm
- Height: 60mm
- Cutout: 72mm x 42mm

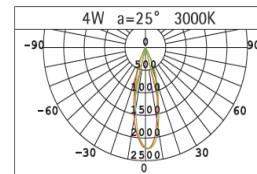
### Description

- 2-Bulb Recessed Grid Light with white/black painted finish (RAL 9016/RAL 9005) and black reflector;
- Work with DALI dimming driver;
- LED 4W;
- Measurement 80mm 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).

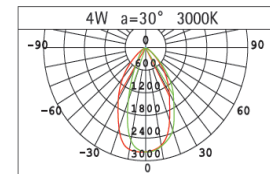
### Light distribution



| 4W 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 |



| 4W 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 |



| 4W 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 |



**CB**

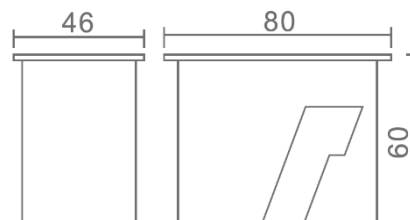
**CE**

**RoHS**



Driver

### 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.