Datasheet



HD-TH40D75

General

- Indoor
- Downlight
- Recessed
- Version: round
- Housing: white
- Reflector: chrome
- System Output: 490lm
- IP 20

LED

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

Optics

- Beam angle: 36°/60°
- UGR <19

Electric

- LED Driver: none
- LED Power: 7W
- 36V
- 150mA

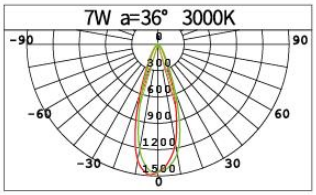
Dimensions

- Measurement: Ø84mm
- Cutout: Ø75mm
- Height: 34mm

Description

- Round fixed Recessed Downlight (75 Series) made of die-cast aluminum with white powder-coating finish (RAL 9016) and white/black/chrome reflector;
- Work with DALI/0-10V/TRIAC dimming driver;
- LED 7W;
- Measurement Ø84mm; ceiling cutout of Ø75mm with a narrow mounting trim;
- 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;
- Beam characteristic with 36°/60° beam angles;
- Lighting perfectly suitable for reading, writing as well as computer and control work according to DIN EN 12464-1(UGR<19);
- Degree of housing protection according to DIN EN 60529 (IP20).

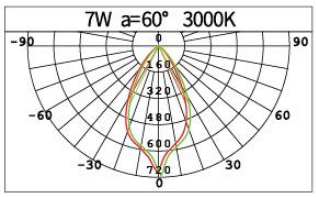
Light distribution



7W 36°

Lux

h(m)	d(m)	Em	Emax
1	0.61	1040	1481
2	1.22	260.6	370.3
3	1.83	115.8	164.6



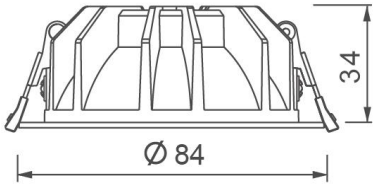
7W 60°

Lux

h(m)	d(m)	Em	Emax
1	1.03	435.1	790.3
2	2.06	108.8	197.6
3	3.09	48.35	87.81



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.