

HD-TH30D75



General

- Indoor
- Spotlight
- Recessed
- Version: round
- Housing: white
- Reflector: white/black/chrome
- System Output: 720lm
- IP 20

LED



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

Optics

- Beam angle: 15°/24°/36°/50°
- UGR <13
- Honeycomb mesh

Electric

- LED Driver: none
- LED Power: 12W
- 36V
- 300mA

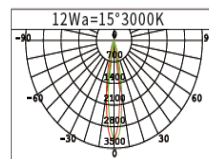
Dimensions

- Measurement: Ø84mm
- Cutout: Ø75mm
- Height: 91.5mm
- Pivot: max. 30°
- Rotation: 355°

Description

- Round adjustable Recessed Spotlight (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 12W;
- 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 15°/24°/36°/50° beam angles;
- Lighting perfectly suitable for reading, writing as well as computer and control work according to DIN EN 12464-1(UGR<13);
- Degree of housing protection according to DIN EN 60529 (IP20).

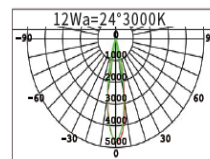
Light distribution



12W 15° 489lm

Lux

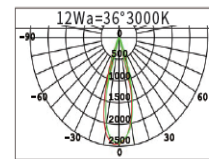
h(m)	d(m)	Em	E _{max}
1	0.33	2132	3238
2	0.66	533.1	809.4
3	0.99	236.9	359.8
4	1.32	133.3	202.4
5	1.65	85.3	129.5



12W 24° 785lm

Lux

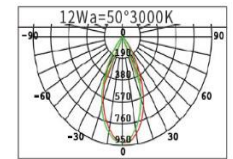
h(m)	d(m)	Em	E _{max}
1	0.39	3120	4716
2	0.78	780	1179
3	1.17	346.7	523.9
4	1.56	195	294.7
5	1.96	124.8	188.6



12W 36° 771lm

Lux

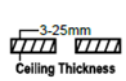
h(m)	d(m)	Em	E _{max}
1	0.59	1675	2451
2	1.18	418.8	612.7
3	1.77	186.1	272.3
4	2.36	104.7	153.2
5	2.95	67	98.04



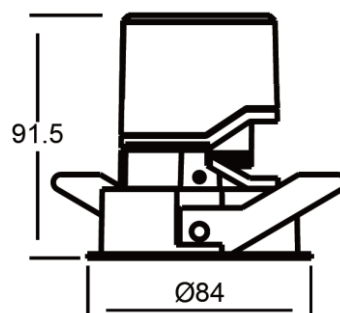
12W 50° 667lm

Lux

h(m)	d(m)	Em	E _{max}
1	0.93	563.9	921.8
2	1.86	141	230.4
3	2.79	62.65	102.4
4	3.73	35.24	57.61
5	4.66	22.56	36.87



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.