Datasheet

HD-TH50D12



General

- Indoor
- Accent Light
- Recessed, fixed
- Profile Inset
- Version: rectangle
- Housing: white
- Reflector: black
- System Output: 1200lm
- 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: 20W
- 36V
- 500mA

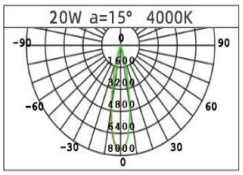
Dimensions

- Measurement: 275.3mm x 31.5mm
- Height: 38.3mm
- Cutout: 270mm x 26mm

Description

- 12-Bulb Square Mini Grid Light with white painted finish (RAL 9016) and black reflector;
- Work with DALI/0-10V/TRIAC dimming driver;
- LED 20W;
- Measurement 275.3mm 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).

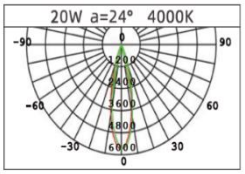
Light distribution



20W 15° 1343lm

Lux

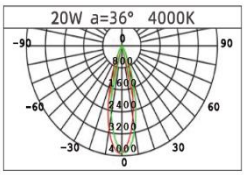
h(m)	d(m)	Em	Emax
1	0.39	5217	7624
2	0.79	1304	1906
3	1.18	579.7	847.1
4	1.58	326.1	476.5
5	1.97	208.7	305



20W 24° 1282lm

Lux

h(m)	d(m)	Em	Emax
1	0.46	3915	5694
2	0.92	978.7	1423
3	1.38	435	632.7
4	1.84	244.7	355.9
5	2.30	156.6	227.8



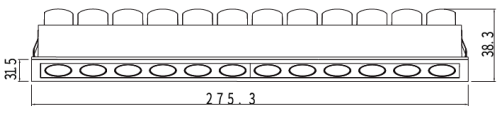
20W 36° 1214lm

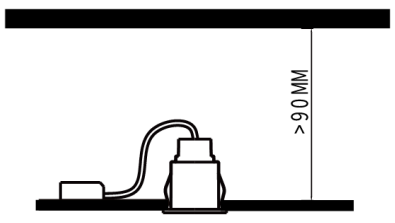
Lux

h(m)	d(m)	Em	Emax
1	0.53	2654	3911
2	1.06	663.5	977.7
3	1.6	294.9	434.5
4	2.13	165.9	244.4
5	2.66	106.2	156.4

5 YEARS Guarantee 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.

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