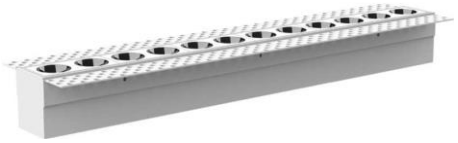
Datasheet



HD-YM6012F

General

- Indoor
- Accent Light
- Pre-embedded
- Profile Inset
- Version: rectangle
- Housing: white/black
- Reflector: black
- System Output: 1440lm
- 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: 24W
- 36V
- 600mA

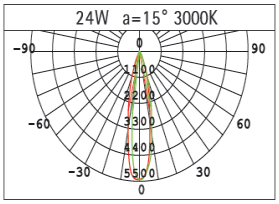
Dimensions

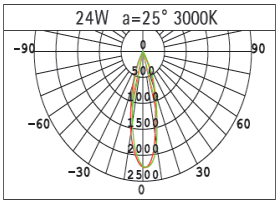
- Measurement: 406mm x 47mm
- Height: 89mm
- Cutout: 408mm x 45mm

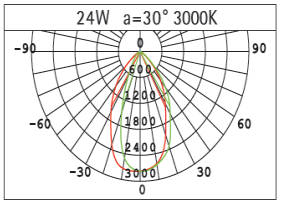
Description

- 12-Bulb Mini Pre-embedded Grid Light Inset with ON-OFF;
- White/black painted finish (RAL 9016/RAL 9005) and black reflector;
- LED 24W;
- Measurement 406mm x 47mm; height of the profile inset 89mm;
- 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







24W 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

24W 25°

Lux

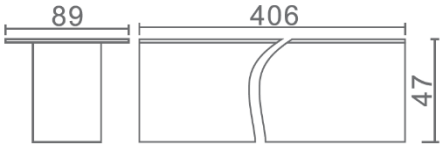
h(m)	d(m)	Em	Emax
1	0.51	1492	2236
2	1.02	372.9	559.1
3	1.53	165.8	248.5

24W 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.