Datasheet



HD-YM6018F

General

- Indoor
- Accent Light
- Pre-embedded
- Profile Inset
- Version: rectangle
- Housing: white/black
- Reflector: black
- System Output: 2160lm
- 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: 36W
- 54V
- 600mA

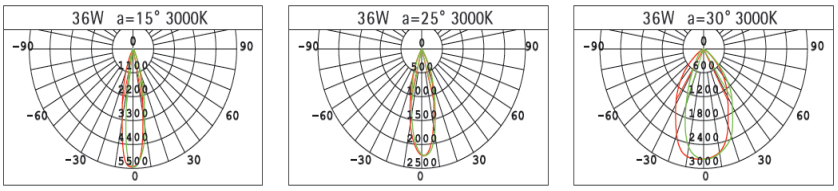
Dimensions

- Measurement: 604mm x 47mm
- Height: 89mm
- Cutout: 606mm x 45mm

Description

- 18-Bulb Mini Pre-embedded Grid Light Inset with ON-OFF;
- White/black painted finish (RAL 9016/RAL 9005) and black reflector;
- LED 36W;
- Measurement 604mm 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



36W 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

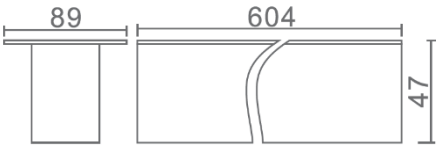
36W 25°
Lux

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

36W 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.