Datasheet

HD-YM3095Y



General

- Indoor
- Spotlight
- Pre-embedded
- Version: round
- Housing: white
- Reflector: white/black/chrome
- System Output: 1500lm
- IP 20

LED

- 2700K/3000K/3500K/4000K/5000K
- CRI>90
- 50000h@L80B10
- SDCM: 2

Optics

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

Electric

- LED Driver: ON-OFF
- LED Power: 25W
- 36V
- 600mA

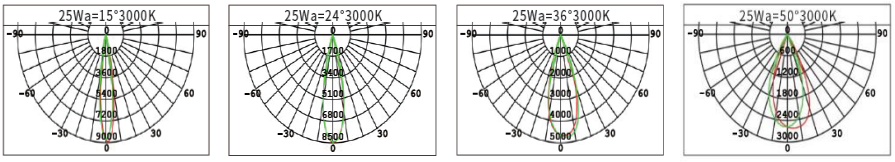
Dimensions

- Measurement: Ø130mm
- Cutout: Ø95mm
- Height: 135mm
- Pivot: max. 30°
- Rotation: 355°

Description

- Round adjustable Pre-embedded Spotlight (95 Series) made of die-cast aluminum with white powder-coating finish (RAL 9016) and white/black/chrome reflector;
- ON-OFF Driver;
- LED 25W;
- Measurement Ø130mm; ceiling cutout of Ø95mm 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



25W15°1027lm

Lux

h(m)	d(m)	Em	Emax
1	0.29	5931	8930
2	0.59	1483	2232
3	0.88	659	992.2
4	1.18	370.7	558.1
5	1.47	237.7	357.2

25W24°1666lm

Lux

h(m)	d(m)	Em	Emax
1	0.44	5882	8470
2	0.88	1470	2118
3	1.33	653.5	941.1
4	1.77	367.6	529.4
5	2.22	235.3	338.8

25W36°1739lm

Lux

h(m)	d(m)	Em	Emax
1	0.64	3326	4714
2	1.29	831.5	1178
3	1.94	369.5	523.7
4	2.59	207.9	294.6
5	3.24	133	188.5

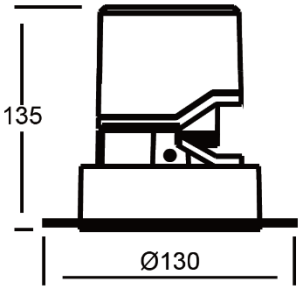
25W50°1558lm

Lux

h(m)	d(m)	Em	Emax
1	0.89	1712	2603
2	1.78	427.9	650.9
3	2.67	190.2	289.3
4	3.56	107	162.7
5	4.45	68.47	104.1



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.