

HD-YM3055Y



General

- Indoor
- Spotlight
- Pre-embedded
- Version: round
- Housing: white
- Reflector: white/black/chrome
- System Output: 420lm
- IP 20

LED



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

Optics

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

Electric

- LED Driver: ON-OFF
- LED Power: 7W
- 36V
- 150mA

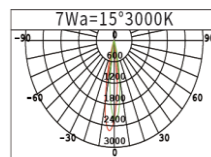
Dimensions

- Measurement: Ø80mm
- Cutout: Ø55mm
- Height: 80mm
- Pivot: max. 30°
- Rotation: 355°

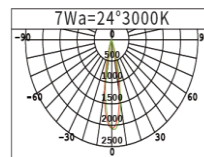
Description

- Round adjustable Pre-embedded Spotlight (55 Series) made of die-cast aluminum with white powder-coating finish (RAL 9016) and white/black/chrome reflector;
- ON-OFF Driver;
- LED 7W;
- Measurement Ø80mm; ceiling cutout of Ø55mm 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° 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).

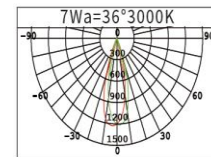
Light distribution



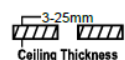
7W15°277lm				
Lux				
h(m)	d(m)	Em	Emax	
1	0.29	1592	2571	
2	0.59	398	642.8	
3	0.89	176.9	285.7	
4	1.19	99.51	160.7	
5	1.49	102.8	102.8	



7W24°359lm				
Lux				
h(m)	d(m)	Em	Emax	
1	0.38	1414	2105	
2	0.79	353.4	526.3	
3	1.19	157.1	233.9	
4	1.59	88.35	131.6	
5	1.99	56.54	84.21	

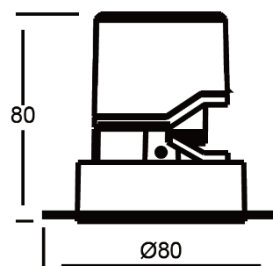


7W36°367lm				
Lux				
h(m)	d(m)	Em	Emax	
1	0.56	848.1	1226	
2	1.12	212	306.5	
3	1.69	94.23	136.2	
4	2.25	53.01	76.63	
5	2.81	33.92	49.05	



Ø55mm

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.