Datasheet



HD-YM3075Y-S

General

- Indoor
- Spotlight
- Pre-embedded
- Version: round
- Housing: white
- Reflector: white/black/chrome
- System Output: 540lm
- 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: 9W
- 36V
- 200mA

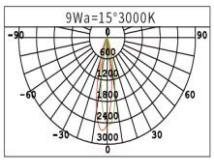
Dimensions

- Measurement: Ø103mm
- Cutout: Ø75mm
- Height: 65mm
- Pivot: max. 30°
- Rotation: 355°

Description

- Round adjustable Pre-embedded Spotlight (75 Series, Low) made of die-cast aluminum with white powder-coating finish (RAL 9016) and white/black/chrome reflector;
- ON-OFF Driver;
- LED 9W;
- Measurement Ø103mm; ceiling cutout of Ø75mm 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



9W15°372lm

Lux

h(m)	d(m)	Em	Emax
1	0.33	1620	2443
2	0.66	405.1	610.71
3	0.99	180	271.4
4	1.32	101.3	152.7
5	1.65	64.81	97.72

9W24°557lm

Lux

h(m)	d(m)	Em	Emax
1	0.39	2212	3310
2	0.79	553.1	827.5
3	1.18	245.8	367.8
4	1.58	138.3	206.9
5	1.97	88.49	132.4

9W36°538lm

Lux

h(m)	d(m)	Em	Emax
1	0.59	1168	1774
2	1.18	291.9	443.6
3	1.78	129.7	197.1
4	2.37	72.97	110.9
5	2.96	46.7	70.97

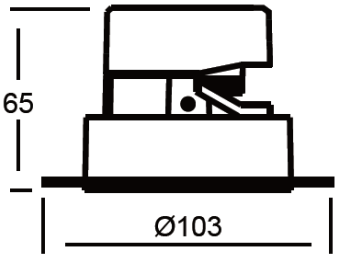
9W50°480lm

Lux

h(m)	d(m)	Em	Emax
1	0.92	420	674.1
2	1.85	105	168.5
3	2.78	46.67	74.9
4	3.71	26.25	42.13
5	4.64	18.8	26.96



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.