

MESON ROUND 100 FT



Meson round 100 FT, a recessed adjustable flat trim LED spot, which is equipped with a high performance power LED. The spot head (with heatsink) is tiltable up to 30° in both directions. The head contains a deposited metallized optical reflector with a light distribution of 32°.

- Identical to Meson 100 equipped with flat trim (3mm)
- Easy installation with spring clips
- Product colour in white or black
- Metallized optical reflector with a light distribution of 32°

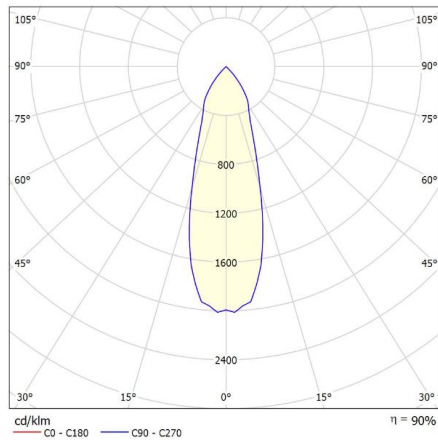
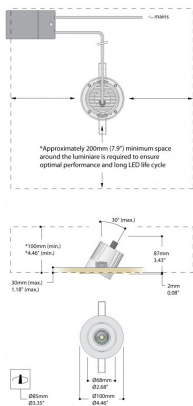
Downloads

[Photometrics Meson round 100](#)

[Download BIM files Meson round 100](#)

Create your own custom made product, download the PDF specsheet or add to quote:

PRODUCT IMAGES



Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	30
p Ceiling												
p Wall												
p Floor												
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	19.4	20.1	19.7	20.3	20.5	19.4	20.1	19.7	20.3	20.5	
	3H	19.3	19.9	19.6	20.1	20.4	19.3	19.9	19.6	20.1	20.4	
	4H	19.2	19.8	19.5	20.0	20.3	19.2	19.8	19.5	20.0	20.3	
	6H	19.1	19.7	19.5	19.9	20.2	19.1	19.7	19.5	19.9	20.2	
	8H	19.1	19.6	19.4	19.9	20.2	19.1	19.6	19.4	19.9	20.2	
4H	12H	19.1	19.5	19.4	19.8	20.2	19.1	19.5	19.4	19.8	20.2	
	2H	19.2	19.8	19.5	20.0	20.3	19.2	19.8	19.5	20.0	20.3	
	3H	19.1	19.5	19.4	19.8	20.2	19.1	19.5	19.4	19.8	20.2	
	4H	19.0	19.4	19.4	19.7	20.1	19.0	19.4	19.4	19.7	20.1	
	6H	18.9	19.3	19.3	19.6	20.0	18.9	19.3	19.3	19.6	20.0	
6H	8H	18.9	19.2	19.3	19.6	20.0	18.9	19.2	19.3	19.6	20.0	
	12H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9	
	4H	18.9	19.2	19.3	19.6	20.0	18.9	19.2	19.3	19.6	20.0	
	6H	18.8	19.0	19.2	19.4	19.9	18.8	19.0	19.2	19.4	19.9	
	8H	18.7	18.9	19.2	19.4	19.8	18.7	18.9	19.2	19.4	19.8	
12H	16H	18.7	18.8	19.0	19.2	19.6	18.7	18.8	19.0	19.2	19.6	
	4H	18.8	19.1	19.3	19.5	19.9	18.8	19.1	19.3	19.5	19.9	
	6H	18.7	18.9	19.2	19.4	19.8	18.7	18.9	19.2	19.4	19.8	
	8H	18.7	18.8	19.0	19.2	19.6	18.7	18.8	19.0	19.2	19.6	
	10H	18.7	18.8	19.0	19.2	19.6	18.7	18.8	19.0	19.2	19.6	
Variation of the observer position for the luminaires distances 3												
S = 1.0H		+4.6 / -105.7					+4.6 / -105.7					
S = 1.5H		+7.4 / -102.9					+7.4 / -102.9					
S = 2.0H		+9.4 / -100.9					+9.4 / -100.9					
Standard table		BK00					BK00					
Correction		0.4					0.4					
Summed												

Corrected Glare Indices referring to 654lm Total Luminous Flux





NOTES

ADDITIONAL INFORMATION

Appliance class	Class-II
Application	Education, Hospitality, Municipality, Office, Residential, Retail
Ceiling thickness	<30mm (<45mm)
CIE Flux Code	97 100 100 100 91
Colour consistancy (SDCM)	SDCM=2
Colour Rendering Index (CRI)	CRI80, CRI90
Colour temperature	3000K, 4000K
Cut-out size	Ø86mm
Designed	Philip Feenstra, 2011
Driver position	Separate driving position
Luminaire efficacy	100-120lm/W
Emergency lighting	No
Expected lifetime	L90B50@50.000h (Tq 25°C)
Glare (UGR)	<19
Gross weight	1.0KG
Height	62mm
Lighting control	Optional
Material	Aluminum
Mounting depth	100mm
Operational temperature	-20 ° C / + 40 ° C
Packaging dimensions	300x220x140mm
Power factor	>0.9
Primary connection	GST18i3, GST18i5 pastel blue, On the driver
Voltage / frequency	220-240V, 50 / 60Hz
Way of mounting	Recessed
Shape	Round
Energy label	A++
Orientation	Down
Number of modules	1
IP-class	IP20 (top) / IP40 (bottom)

Optic

Reflector

Product colour

Matt black, Matt white

Meson round 100 FT

5W 450lm 32° 2700K CRI80 G7 (44350.27-7), 5W 500lm 32° 3000K CRI80 G7 (44356.30-7), 5W 500lm 32° 4000K CRI80 G7 (44356.40-7), 6W 700lm 32° 2700K CRI80 G7 (44353.27-7), 6W 700lm 32° 3000K CRI80 G7 (44355.30-7), 6W 700lm 32° 4000K CRI80 G7 (44359.40-7), 10W 1200lm 32° 3000K CRI80 G7 (44362.30-7), 10W 1300lm 32° 4000K CRI80 G7 (44362.40-7),
Version to be determined

