

MESON PRO 190-S



Meson Pro 190-S is a range of pendant LED downlights equipped with a glare-reducing reflector and a satinized diffuser. The innovative design of LED array, mixing chamber, reflector and diffuser forms an optical system with high system efficacy and excellent visual comfort. Meson Pro 190-S has a highly effective Light Output Ratio (LOR) better than 84% and an Unified Glare Rating (UGR) between 16 and 19 depending on the luminaire flux.

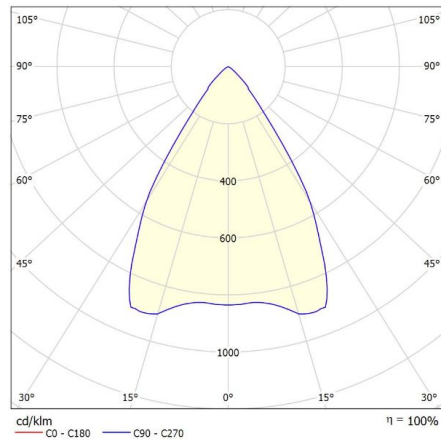
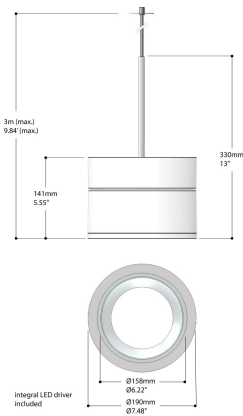
- Housing in matt white or matt black
- Integrated driver
- UGR<16 to UGR<19 depending on the luminaire flux
- Versions with emergency lighting available

Downloads

[Photometrics Meson Pro 190-S](#)

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

PRODUCT IMAGES



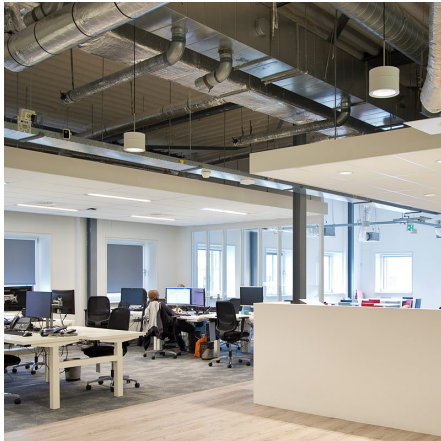
Glare Evaluation According to UGR													
		70	70	50	50	30	30	70	70	50	50	30	
p Walling		50	30	50	30	30	30	50	30	50	30	30	
p Floor		20	20	20	20	20	20	20	20	20	20	20	
Room Size		Viewing direction at right angles to lamp axis						Viewing direction parallel to lamp axis					
X	Y												
2H	2H	19.0	19.7	19.2	19.1	20.1	19.0	19.7	19.2	19.1	19.7	20.1	
	4H	18.8	19.5	19.1	19.7	19.9	18.8	19.5	19.1	19.7	19.9		
	6H	18.7	19.2	19.0	19.5	19.8	18.7	19.2	19.0	19.5	19.8		
	8H	18.6	19.2	19.1	19.5	19.8	18.6	19.2	19.0	19.5	19.8		
	12H	18.6	19.1	19.0	19.4	19.7	18.6	19.1	19.0	19.4	19.7		
4H	2H	18.8	19.4	19.1	19.6	19.9	18.8	19.4	19.1	19.6	19.9		
	4H	18.6	19.0	19.4	19.8	19.8	18.6	19.1	19.0	19.4	19.8		
	6H	18.5	18.9	18.9	19.2	19.6	18.5	18.9	18.9	19.2	19.6		
	8H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6		
	12H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5		
8H	2H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6		
	4H	18.4	18.6	18.8	19.0	19.5	18.4	18.6	18.8	19.0	19.5		
	6H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4		
	8H	18.3	18.4	18.7	18.9	19.4	18.3	18.4	18.7	18.9	19.4		
	12H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5		
12H	2H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5		
	4H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4		
	6H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4		
	8H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4		
	12H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4		

Variation of the observer position for the luminance distance S

S = 1.0H	+5.0 / -8.2	+5.0 / -8.2
S = 1.5H	+7.7 / -13.2	+7.7 / -13.2
S = 2.0H	+9.7 / -33.2	+9.7 / -33.2

Standard table	BK00	BK00
Correction	0.3	0.3

Corrected Glare Indices referring to 2081lm Total Luminous Flux



NOTES

ADDITIONAL INFORMATION

Meson Pro 190	Version to be determined
Appliance class	Class-II
Application	Education, Hospitality, Municipality, Office, Retail
CIE Flux Code	77 93 99 100 84
Colour consistency (SDCM)	SDCM=2
Colour Rendering Index (CRI)	CRI80, CRI90
Colour temperature	Tunable white, 3000K, 4000K
Designed	Philip Feenstra, 2013
Driver position	Integrated
Luminaire efficacy	100-120lm/W
Emergency lighting	Optional
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Glare (UGR)	<19, UGR<17
Gross weight	1.8KG
Height	150mm
Lighting control	Optional
Material	Steel, Aluminum, Acrylate
Operational temperature	-20 ° C / + 40 ° C
Optic	Reflector
Packaging dimensions	200x200x200mm
Power factor	>0.9
Primary connection	On the driver
Voltage / frequency	220-240V, 50 / 60Hz
Way of mounting	Suspension
Shape	Round
Energy label	A++
Orientation	Down
Number of modules	1
Product colour	Matt white, Matte Black
IP-class	IP20 (top) / IP40 (bottom)

Width	190mm
Length	190mm
Suspension height	3m

