



Meson Pro 190-S

Meson Pro 190-S is a series of suspended LED downlights equipped with a glare-reducing reflector and satin diffuser. The innovative design of LED array, light chamber, reflector and diffuser forms an optical system with high system efficiency and excellent visual comfort. Meson Pro 190-S has a highly effective Light Output Ratio (LOR) of better than 84% and a Unified Glare Rating (UGR) between 16 and 19, depending on the fixture output.

- Housing in matte white or matte black
- Integrated driver
- UGR< 16 to UGR< 19 depending on the luminaire current
- Emergency lighting versions available

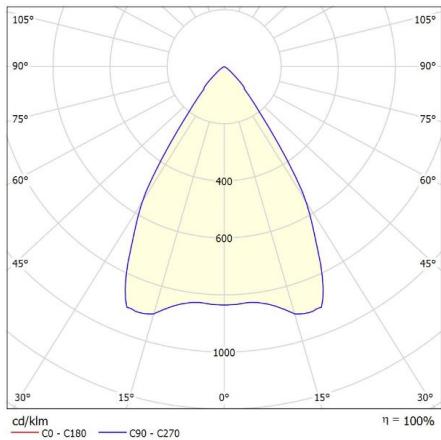
Downloads

[Photometrics Meson Pro 190-S](#)

Categories: [Pendant luminaires](#)



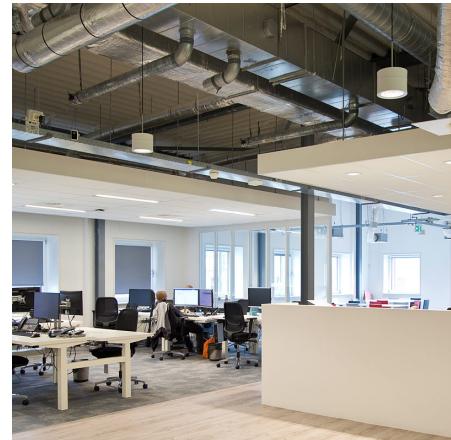
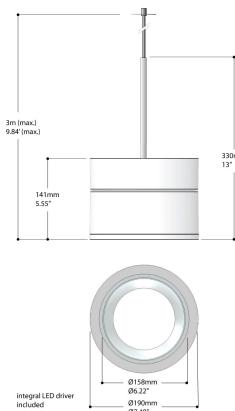
PRODUCT IMAGES



Glare Evaluation According to UGR

		Viewing direction at right angles to lamp axis										Viewing direction parallel to lamp axis									
		2H	3H	4H	5H	6H	7H	8H	9H	10H	11H	12H	13H	14H	15H	16H	17H	18H	19H	20H	
Room Size X	Y	70	70	50	50	30	30	70	70	50	50	30	30	70	70	50	50	30	30	20	
μ Ceiling		19.0	19.7	19.2	19.9	20.1	19.0	19.7	19.2	19.9	20.1	19.0	19.7	19.2	19.9	19.5	19.1	19.7	19.9	19.9	
μ Walls		50	30	50	30	30	50	50	30	50	30	50	30	50	30	50	30	50	30	30	
μ Floor		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Variation of the observer position for the luminaire distances 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									
Summand																					

Corrected Glare Indices referring to 2681lm Total Luminaire Flux



Meson Pro 190-S is a series of suspended LED downlights equipped with a glare-reducing reflector and satin diffuser. The innovative design of LED array, light chamber, reflector and diffuser forms an optical system with high system efficiency and excellent visual comfort. Meson Pro 190-S has a highly effective Light Output Ratio (LOR) of better than 84% and a Unified Glare Rating (UGR) between 16 and 19, depending on the fixture output.

- Housing in matte white or matte black
- Integrated driver
- UGR< 16 to UGR< 19 depending on the luminaire current

- Emergency lighting versions available

Downloads

[Photometrics Meson Pro 190-S](#)

NOTES

ADDITIONAL INFORMATION

Material	Acrylic, Aluminum, Steel
Application	Education, Hospitality, Office, Public spaces
Oriëntatie	Down
Insulation Class	Class II, Class-I
Primary connections	GST18i3, GST18i5 pastelblauw, Kabel
Color temperature	Tunable White, 2700K
Ambient temperature	-20°C / +40°C
Shape	Round
Product Color	Matte black, Matte white, On request
Product Confirmation	Recessed
Photobiological safety	IEC 62471: RG1 (low risc)
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Lighting control	1-10V dimming, Casambi dimming, DALI dimming, Optional
Driver position	Integrated
Product family	Meson
Kleurconsistentie (SDCM)	SDCM=2
Color Rendering Index (CRI)	CRI80, CRI90
Expected lifespan	L90B50@60,000h (Tq 25°C)
Power factor	>0.9
Energy Rating	

