



## **MESON PRO 190-C**

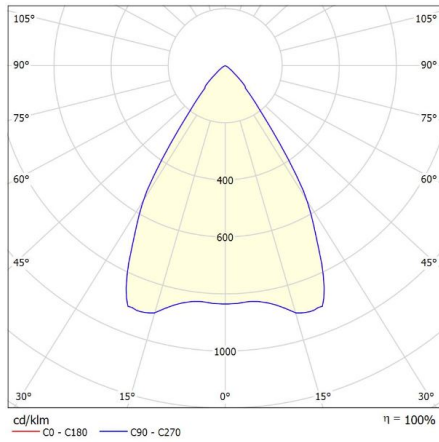
Meson Pro 190-C is a series of high-quality LED downlights for surface mounting, equipped with a glare-reducing reflector and a satin diffuser. The innovative design of LED array, light chamber, reflector and diffuser forms an optical system with high system efficiency and excellent visual comfort. Meson pro 190-C has a highly effective Light Output Ratio (LOR) more than 84% and an Unified Glare Rating (UGR) between <16 and <19 depending on the luminaire flux which makes the downlighter EN 1.2464/1 compliant for office applications.

- Housing in matte white or matte black
- UGR< 17 to UGR< 19 depending on luminous flux
- Emergency lighting versions available

**Categories:** [Surface-mounted luminaires](#)



## PRODUCT IMAGES



Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	
p. Ceiling		50	30	50	30	30	50	30	50	30	30	
p. Walls		20	20	20	20	20	20	20	20	20	20	
p. Floor		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	19.9	20.1	19.0	19.7	19.2	19.9	20.1	
	3H	18.8	19.5	19.1	19.7	19.9	18.8	19.5	19.1	19.7	19.9	
	4H	18.8	19.4	19.1	19.6	19.9	18.8	19.4	19.1	19.6	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	19.0	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	
	3H	18.6	19.1	19.0	19.4	19.8	18.6	19.1	19.0	19.4	19.8	
	4H	18.6	19.0	18.9	19.2	19.7	18.6	19.0	18.9	19.2	19.7	
	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	4H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6	
	6H	18.4	18.6	18.8	19.0	19.5	18.4	18.6	18.8	19.0	19.5	
	8H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4	
	12H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4	
	12H	4H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	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	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4	
Variation of the observer position for the luminance 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 / -13.2					+9.7 / -13.2					
Standard table		BK00					BK00					
Correction Summand		0.3					0.3					
Corrected Glare Indices referring to 2683lm Total Luminous Flux												

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**NOTES**

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## ADDITIONAL INFORMATION

<b>Air extraction</b>	N/A
<b>Armaturefficiëntie</b>	>125lm/W
<b>Bevestiging</b>	ceiling mounting
<b>CIE Flux code</b>	93 100 100 100 100
<b>Driver positie</b>	Integrated
<b>Energielabel</b>	A++
<b>Family</b>	Meson
<b>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>Glare (UGR)</b>	<19
<b>IP-class</b>	IP20 (upwards)/IP40 (downwards)
<b>Isolatieklasse</b>	Class II
<b>Kleurconsistentie (SDCM)</b>	SDCM=2
<b>Kleurtemperatuur</b>	Tunable White, 2700K, 3000K, 3500K, 4000K
<b>Color Rendering Index (CRI)</b>	CRI97, CRI90, CRI80
<b>Light control</b>	1-10V dimming, Casambi dimming, DALI dimming, Optional
<b>Luchtafzuiging</b>	n.v.t.
<b>Material</b>	Acrylic, Steel
<b>Emergency lighting</b>	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
<b>Ambient temperature</b>	-20°C / +40°C
<b>Optics</b>	Opalen diffusor, Reflector
<b>Oriëntatie</b>	Down
<b>Packaging dimensions</b>	Bulk packaging
<b>Powerfactor</b>	>9
<b>Primaire aansluitingen</b>	On request, On the driver
<b>Productkleur</b>	On request
<b>Producttoepassing</b>	Education, Hospitality, Office, Public spaces
<b>Self-adhesive dust cover</b>	Optional
<b>Verpakkingsafmetingen</b>	Bulkverpakking
<b>Verwachte levensduur</b>	L90B50@60,000h (Tq 25°C)
<b>Voltage / frequentie</b>	220-240V, 50 / 60Hz

**Shape**

Round

**Zelfklevende stofkap**

Optioneel

## PHOTOMETRIC DATA

46205.30 Meson pro 190-C 9W 1100lm 3000K CRI80 UGR16 G7  
46205.40 Meson pro 190-C 9W 1150lm 4000K CRI80 UGR16 G7  
46207.30 Meson pro 190-C 15W 1750lm 3000K CRI80 UGR18 G7  
46207.40 Meson pro 190-C 15W 1800lm 4000K CRI80 UGR18 G7  
46216.30 Meson pro 190-C 20W 2150lm 3000K CRI80 UGR19 G7  
46216.40 Meson pro 190-C 20W 2200lm 4000K CRI80 UGR19 G7  
46218.30 Meson pro 190-C 26W 2700lm 3000K CRI80 UGR19 G7  
46218.40 Meson pro 190-C 26W 2750lm 4000K CRI80 UGR19 G7

## LDT / PHOTOMETRICS DOWNLOADS

### LDT / Photometrics downloads

All downloads can be found centrally per family at  
<https://atomis.nl/ldt-photometrics/>