

MESON PRO 190



Meson pro 190 is a range of recessed high performance LED downlights equipped with a glare-reducing reflector and a satinized diffuser.

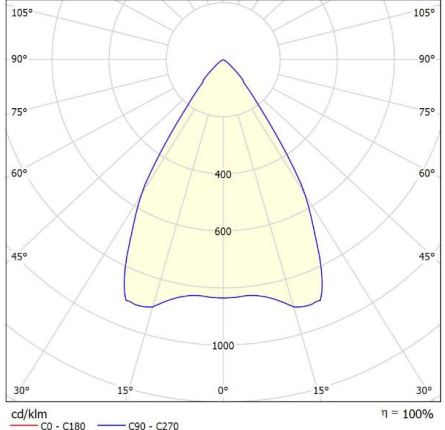
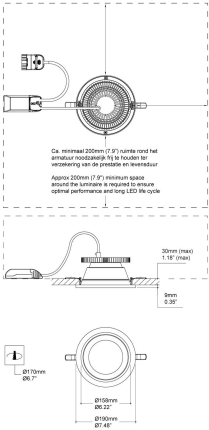
- High efficiency LED for extra lumen performance
- Trim in white, black or silver
- UGR<19

Downloads

[Photometrics Meson Pro](#)

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PRODUCT IMAGES



Glare Evaluation According to UGR																	
p Ceiling		70	70	50	50	30	30	70	70	50	50	30	30				
p Walls		50	30	20	20	20	20	50	30	20	20	20	20				
p Floor		20	20	20	20	20	20	20	20	20	20	20	20				
Room Size X Y		Viewing direction at right angles to lamp axis						Viewing direction parallel to lamp axis									
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	19.3	19.7		18.6	19.0	18.9	19.3	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		2H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6					
	3H	18.4	18.6	18.8	19.0	19.5		18.4	18.6	18.8	19.0	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	18.4	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					
12H		2H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5					
	3H	18.3	18.5	18.8	19.0	19.4		18.3	18.5	18.8	19.0	19.4					
	4H	18.3	18.4	18.8	18.9	19.4		18.3	18.4	18.8	18.9	19.4					
	6H	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 / -6.2						+5.0 / -6.2									
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 Summand		0.3						0.3									
Corrected Glare indices referring to 2681lm Total Luminous Flux																	



NOTES

ADDITIONAL INFORMATION

Appliance class	Class-II
Application	Education, Hospitality, Municipality, Office, Retail
Ceiling thickness	<30mm (<45mm)
CIE Flux Code	77 93 99 100 84
Colour consistency (SDCM)	SDCM=2
Colour Rendering Index (CRI)	CRI80, CRI90
Colour temperature	3000K, 4000K
Cut-out size	Ø170mm
Designed	Philip Feenstra, 2012
Driver position	Separate driving position
Luminaire efficacy	>125lm/W
Emergency lighting	1 hour emergency lighting optional
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Glare (UGR)	<19
Gross weight	1.5KG
Height	115mm
Lighting control	Dimmed 1-10V, Dimmed Bluetooth, Dimmed DALI, Switched
Material	Aluminum, Acrylate
Mounting depth	150mm
Operational temperature	-20 ° C / + 40 ° C
Optic	Reflector
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

Product colour

RAL9006 matt, RAL9011 matt, RAL9016 matt

IP-class

IP20 (top) / IP40 (bottom)

Meson Pro 190

Version to be determined, 46205.830 Meson Pro 8W 1100lm 3000K CRI80 G8, 46205.840 Meson Pro 8W 1100lm 4000K CRI80 G8, 46205.930 Meson Pro 8W 1000lm 3000K CRI90 G8, 46205.930 Meson Pro 8W 1000lm 4000K CRI90 G8, 46206.830 Meson Pro 11W 1500lm 3000K CRI80 G8, 46206.840 Meson Pro 11W 1500lm 4000K CRI80 G8, 46206.930 Meson Pro 11W 1300lm 3000K CRI90 G8, 46206.930 Meson Pro 11W 1400lm 4000K CRI90 G8, 46207.830 Meson Pro 14W 1800lm 3000K CRI80 G8, 46207.840 Meson Pro 14W 1900lm 4000K CRI80 G8, 46207.930 Meson Pro 14W 1600lm 3000K CRI90 G8, 46207.930 Meson Pro 14W 1600lm 4000K CRI90 G8, 46208.830 Meson Pro 15W 1900lm 3000K CRI80 G8, 46208.840 Meson Pro 15W 2000lm 4000K CRI80 G8, 46208.930 Meson Pro 15W 1700lm 3000K CRI90 G8, 46208.930 Meson Pro 15W 1800lm 4000K CRI90 G8, 46216.830 Meson Pro 17W 2200lm 3000K CRI80 G8, 46216.840 Meson Pro 17W 2300lm 4000K CRI80 G8, 46216.930 Meson Pro 17W 1900lm 3000K CRI90 G8, 46216.930 Meson Pro 17W 2000lm 4000K CRI90 G8, 46217.830 Meson Pro 19W 2400lm 3000K CRI80 G8, 46217.840 Meson Pro 18W 2500lm 4000K CRI80 G8, 46217.930 Meson Pro 19W 2100lm 3000K CRI90 G8, 46217.930 Meson Pro 19W 2200lm 4000K CRI90 G8, 46218.830 Meson Pro 24W 2800lm 3000K CRI80 G8, 46218.840 Meson Pro 24W 3100lm 4000K CRI80 G8, 46218.930 Meson Pro 24W 2500lm 3000K CRI90 G8, 46218.930 Meson Pro 24W 2600lm 4000K CRI90 G8

IK class

IK03

