

## MESON SQUARE 180 SAPP



A recessed high performance LED downlights containing power LEDs covered by a prismatic lens or a dual satinized diffuser. The luminaire is designed for use in Interlu SAPP®ceilings.

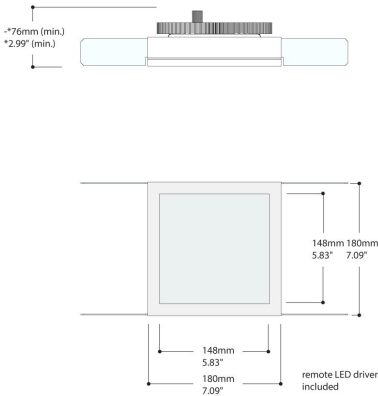
- Easy integration into Interlu SAPP®ceilings
- Equipped with with a prismatic lens or a dual satinized diffuser.
- Can be combined with other square 180 SAPP cardanic spots

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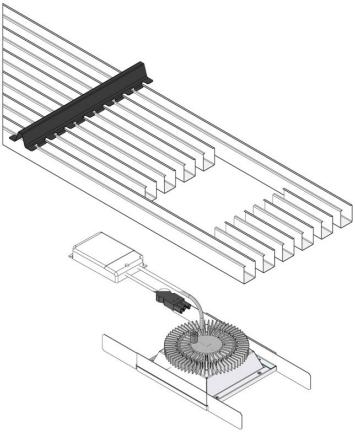
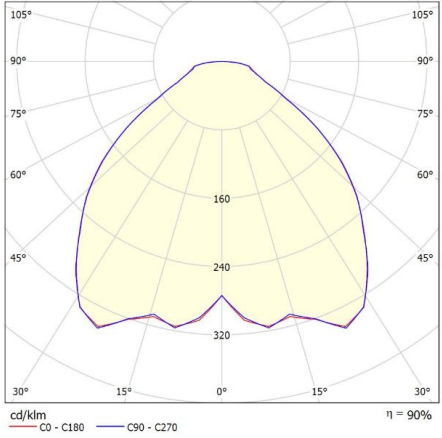
[Photometrics Meson square 180](#)

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PRODUCT IMAGES



f-waardering volgens UGR												
p: Plafond		70	70	50	50	30	70	70	50	50	30	30
p: Muren		50	30	50	30	30	50	30	50	30	30	30
p: Voer		20	20	20	20	20	20	20	20	20	20	20
Ruimteafmeting		Perspectief dwars					Perspectief langs					
X	Y	t.o.v. lampen					t.o.v. lampen					
2H	2H	17.6	18.8	17.9	19.1	19.3	17.6	18.8	17.9	19.1	19.3	
	3H	17.9	19.0	18.2	19.3	19.5	17.9	19.0	18.2	19.3	19.5	
	4H	18.1	19.1	18.4	19.4	19.7	18.1	19.1	18.4	19.4	19.7	
	6H	18.3	19.2	18.6	19.5	19.8	18.3	19.2	18.6	19.5	19.8	
	8H	18.3	19.3	18.7	19.6	19.9	18.3	19.3	18.7	19.6	19.9	
4H	12H	18.4	19.3	18.8	19.6	19.9	18.4	19.3	18.8	19.6	19.9	
	2H	17.8	18.8	18.1	19.1	19.4	17.8	18.8	18.1	19.1	19.4	
	3H	18.2	19.1	18.6	19.4	19.8	18.2	19.1	18.6	19.4	19.8	
	4H	18.5	19.3	18.9	19.6	20.0	18.5	19.2	18.9	19.6	20.0	
	6H	18.8	19.5	19.2	19.8	20.2	18.8	19.4	19.2	19.8	20.2	
8H	12H	18.9	19.5	19.3	19.9	20.3	18.9	19.5	19.3	19.9	20.3	
	2H	18.5	19.2	19.0	19.5	20.0	18.5	19.1	19.0	19.5	19.9	
	3H	18.9	19.4	19.4	19.9	20.3	18.9	19.4	19.4	19.9	20.3	
	4H	19.1	19.6	19.6	20.0	20.5	19.1	19.6	19.6	20.0	20.5	
	6H	19.3	19.7	19.8	20.1	20.6	19.3	19.7	19.8	20.1	20.6	
12H	4H	18.5	19.1	19.0	19.5	19.9	18.5	19.1	19.0	19.5	19.9	
	6H	19.0	19.4	19.4	19.9	20.3	19.0	19.4	19.4	19.9	20.3	
	8H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.7	20.0	20.5	
Variatie op aanmerperspectie voor lampstanden S												
S = 1.0H		+0.4 / -0.6					+0.4 / -0.6					
S = 1.5H		+0.9 / -1.7					+0.9 / -1.7					
S = 2.0H		+1.9 / -2.5					+1.9 / -2.5					
Standaardtabel		BK02					BK02					
Correctie-optel		0.7					0.7					
Gecorrigeerde verblindingindicatie in relatie tot 1323lm Totale lichtstroom												



NOTES

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## ADDITIONAL INFORMATION

<b>Appliance class</b>	Class-II
<b>Application</b>	Education, Hospitality, Municipality, Office, Residential, Retail
<b>CIE Flux Code</b>	54 86 96 100 100
<b>Colour consistancy (SDCM)</b>	SDCM=2
<b>Colour Rendering Index (CRI)</b>	CRI80, CRI90, CRI95
<b>Colour temperature</b>	Tunable white, 3000K, 4000K
<b>Cut-out size</b>	180x180mm
<b>Designed</b>	Philip Feenstra, 2018
<b>Driver position</b>	Separate driving position
<b>Emergency lighting</b>	Optional
<b>Energy label</b>	A+
<b>Expected lifetime</b>	L90B50@70.000h (Tq 25°C)
<b>Glare (UGR)</b>	UGR<22, <19
<b>Gross weight</b>	1.4KG
<b>IP-class</b>	IP20 (top) / IP40 (bottom)
<b>Lighting control</b>	Optional
<b>Luminaire efficacy</b>	113-122lm/W
<b>Material</b>	Aluminum, Acrylate, Polycarbonate
<b>Number of modules</b>	1
<b>Mounting depth</b>	100mm
<b>Operational temperature</b>	-20 ° C / + 40 ° C
<b>Orientation</b>	Down
<b>Packaging dimensions</b>	300x220x140mm
<b>Power factor</b>	>0.9
<b>Primary connection</b>	GST18i3, GST18i5 pastel blue, On the driver
<b>Voltage / frequency</b>	220-240V, 50 / 60Hz
<b>Way of mounting</b>	Recessed
<b>Shape</b>	Square

**Meson square 180**

Version to be determined, 9W 1200lm 3000K CRI80 G7, 9W 1250lm 4000K CRI80 G7, 15W 1850lm 3000K CRI80 G7, 15W 1900lm 4000K CRI80 G7, 20W 2300lm 3000K CRI80 G7, 20W 2350lm 4000K CRI80 G7

**Meson trim colour**

Matt black, Matt silver grey, Matt white

**Optic**

Microprismatic lens, Opal diffuser

**Product colour**

Matt black, Matt silver grey, Matt white

**Photobiological safety**

IEC 62471: RG1 (low risk)

**Length**

180mm

**Width**

180mm

**Air extraction**

N/A

