

## 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 Interalu SAPP®ceilings.

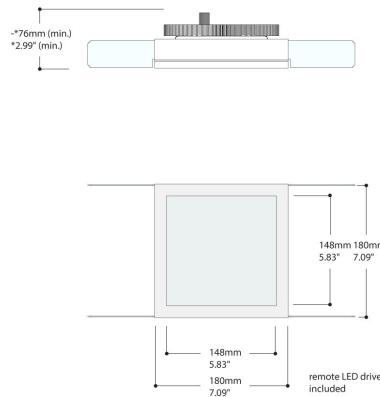
- Easy integration into Interalu SAPP®ceilings
- Equipped with with a prismatic lens or a dual satinized diffuser.
- Can be combined with other square 180 SAPP cardanic spots

### Downloads

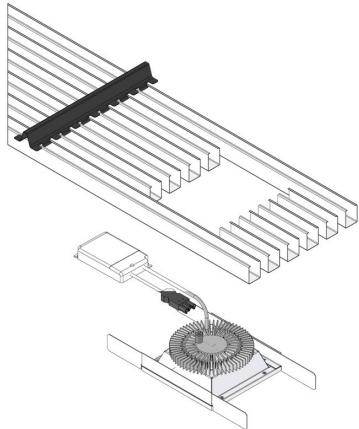
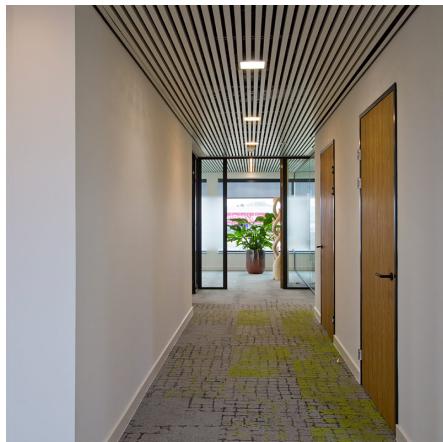
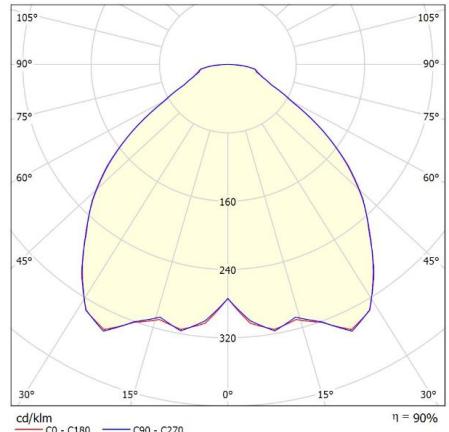
[Photometrics Meson square 180](#)

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## PRODUCT IMAGES



f-waardering volgens UGR										
	Plafond			Muur			Vloer			
	70	70	50	50	30	70	70	50	50	30
p. Plafond	50	30	50	30	30	50	30	50	30	30
p. Muur	20	20	20	20	20	20	20	20	20	20
p. Vloer										
Ruimteafmeting	Perspectief divers t.o.v. lampen			Perspectief langs t.o.v. lampen						
X	Y									
2H	17.6	18.8	17.9	19.1	19.3	17.6	18.8	17.9	19.1	19.3
3H	17.9	18.2	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	19.3	18.7	19.6	19.8	18.3	19.2	18.6	19.6	19.8
8H	18.3	19.3	18.7	19.6	19.8	18.3	19.2	18.7	19.6	19.9
12H	18.4	19.3	18.8	19.6	19.9	18.4	19.3	18.8	19.6	19.9
4H	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	18.2	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	18.7	19.3	19.2	19.6	20.3	18.7	19.2	19.4	19.7	20.2
8H	18.9	19.5	19.3	19.9	20.3	18.9	19.5	19.3	19.9	20.3
12H	19.0	19.5	19.4	20.0	20.4	19.9	19.5	19.4	20.0	20.4
4H	18.5	19.2	19.0	19.5	20.0	18.5	19.1	19.0	19.5	19.9
6H	18.9	19.4	19.4	19.9	20.3	18.9	19.4	19.4	19.9	20.3
8H	19.1	19.6	19.6	20.0	20.5	19.1	19.6	19.6	20.0	20.5
12H	19.3	19.7	19.7	20.0	20.7	19.3	19.7	19.6	20.0	20.6
4H	18.5	19.1	18.0	19.5	19.9	18.5	19.1	18.0	19.5	19.9
6H	18.9	19.4	18.4	19.9	20.2	19.0	19.4	19.4	19.8	20.2
8H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.7	20.0	20.5
Variatie op wisselspanning voor lampstanden S										
S = 1	+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			
Standardtafel	BK02			BK02						
Correctie-opteltaal	0.7			0.7						
Gecorrigeerde verblindingsindicatie in relatie tot 1323lm Totaal lichtstroom										



## NOTES



## 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 consistency (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****Meson trim colour**

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

**Optic**

Matt black, Matt silver grey, Matt white

**Product colour**

Microprismatic lens, Opal diffuser

**Photobiological safety**

Matt black, Matt silver grey, Matt white

IEC 62471: RG1 (low risk)

**Length**

180mm

**Width**

180mm

**Air extraction**

N/A

