MESON ROUND 220 AQUA

Meson round 220 Aqua is an IP65 recessed high performance LED downlights designed specifically for the use above swimming pools and other wet areas. The trim and opal cover are made of plastics. The luminaire has a set of three polyamide screws to mount into false ceilings.
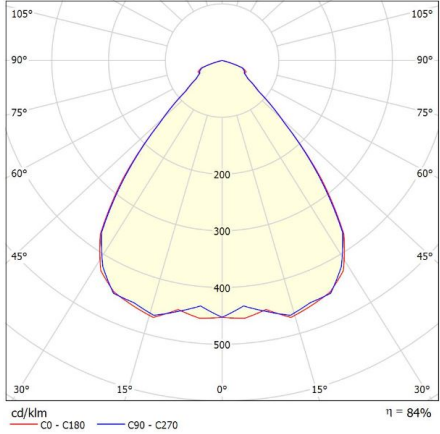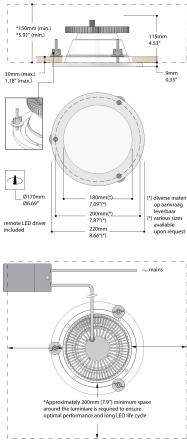
- IP65 enclosure (on the bottom side)
- Installation with a set of three polyamide screws
- Corrosion free safety lighting
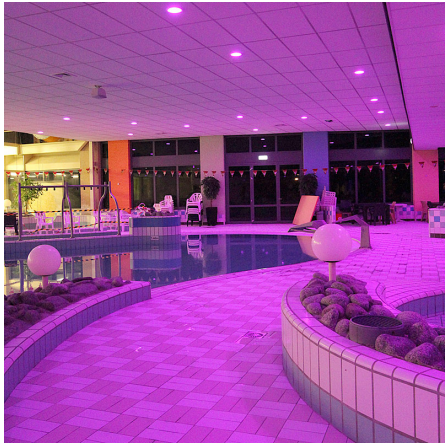- White trim and polycarbonate opal diffuser

Downloads

Photometrics Meson aqua
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PRODUCT IMAGES

f-waardering volgens UGR

ρ Plafond		70	70	50	50	30	70	70	50	50	30
ρ Muren		50	30	50	30	30	50	30	50	30	30
ρ Vloer		20	20	20	20	20	20	20	20	20	20
Ruimteafmeting X Y		Perspectief dwars t.o.v. lampenas					Perspectief langs t.o.v. lampenas				
2H	2H	17.9	18.8	18.1	19.0	19.2	17.8	18.8	18.1	19.0	19.2
	3H	18.3	19.2	18.6	19.5	19.7	18.3	19.1	18.6	19.4	19.6
	4H	18.4	19.2	18.7	19.4	19.7	18.3	19.1	18.6	19.4	19.6
	6H	18.3	19.1	18.6	19.3	19.6	18.2	19.0	18.6	19.3	19.6
	8H	18.3	19.0	18.6	19.3	19.6	18.2	18.9	18.6	19.2	19.5
	12H	18.2	18.9	18.6	19.2	19.5	18.2	18.8	18.5	19.2	19.5
4H	2H	18.0	18.8	18.3	19.0	19.3	17.9	18.7	18.2	19.0	19.3
	3H	18.6	19.3	18.9	19.6	19.9	18.5	19.2	18.9	19.5	19.8
	4H	18.6	19.2	19.0	19.6	19.9	18.6	19.2	19.0	19.5	19.9
	6H	18.6	19.1	19.0	19.4	19.8	18.5	19.0	18.9	19.4	19.8
	8H	18.5	19.0	19.0	19.4	19.8	18.5	18.9	18.9	19.3	19.7
	12H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7
8H	4H	18.6	19.1	19.0	19.4	19.8	18.5	19.0	19.0	19.4	19.8
	6H	18.5	18.9	19.0	19.3	19.8	18.5	18.8	18.9	19.3	19.7
	8H	18.5	18.8	19.0	19.3	19.7	18.4	18.8	18.9	19.2	19.7
	12H	18.5	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.1	19.6
12H	4H	18.6	19.0	19.0	19.4	19.8	18.5	18.9	18.9	19.3	19.7
	6H	18.5	18.8	19.0	19.2	19.7	18.4	18.8	18.9	19.2	19.7
	8H	18.5	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.1	19.6

Variatie op waarnemerpositie voor lampafstanden S		
S = 1.0H	+1.7 / -2.5	+1.8 / -2.5
S = 1.5H	+3.7 / -3.2	+3.7 / -3.3
S = 2.0H	+5.5 / -3.0	+5.5 / -3.2
Standaardtabel	BK01	BK01
Correctie-opteltal	-0.3	-0.3

Gecorrigeerde verblindingsindicatie in relatie tot 2492lm Totale lichtstroom

NOTES

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ADDITIONAL INFORMATION

Appliance class	Class-II
Application	Education, Hospitality, Sauna, Swimming pool
Ceiling thickness	<30mm (<45mm)
CIE Flux Code	61 90 98 100 78
Colour consistancy (SDCM)	SDCM=2
Colour Rendering Index (CRI)	CRI80, CRI90
Colour temperature	Tunable white, 3000K, 4000K
Cut-out size	Ø170mm
Designed	Philip Feenstra, 2012
Driver position	Separate driving position
Luminaire efficacy	100lm/W
Emergency lighting	Optional
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Glare (UGR)	UGR>19
Gross weight	1.5KG
Height	115mm
Lighting control	Optional
Material	Aluminum, Acrylate, Polycarbonate
Mounting depth	150mm
Operational temperature	-20 ° C / + 40 ° C
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
Trim colour	White
Energy label	A+
Orientation	Down
Number of modules	1

IP-class	IP20 (top) / IP65 (bottom)
Optic	Opal diffuser
Reflector	White powder coated
Product colour	White
Meson round 220 Aqua	10W 1050lm 4000K CRI80, 16W 1600lm 3000K CRI80, 16W 1600lm 4000K CRI80, 20W 1900lm 3000K CRI80, 20W 1900lm 3000K CRI80, 20W 1900lm 4000K CRI80, Version to be determined