



Description

The Medusa 100 is a high performance exterior grade architectural façade linear floodlight featuring a longitudinal axis adjustable for conical or curving façade. The luminaire has excellent intensity up to 9cd/lm and comes with varies optics options, and the 100mm compact module design can widely apply for any building features with curving radius 300mm.

Features

LED Chips	Orsam SSL150 3-step
Color Temperature	2700K/3000K/3500K/4000K
Optics	10°/12°/15°/20°/40°/10° x 40°
Options	Anti glare louver
Power Consumption	Max 4.5W per100mm modula
Warranty	5-years limited warranty
Lumen Maintainance	L70, B50 100,000 hrs L90, B10 60,000 hrs

Machanical

Housing	High pressure die-casting aluminium in ADC12
Cover	4mm clear tempered glass
Coating	Polyester high temperature powder coating
Weight	
Effective Projection Area	N/A
Operation Temperature	-40°C ~ +50°C
Casing Temperature	+50°C
IP Rating	IP66
IK Rating	IK06

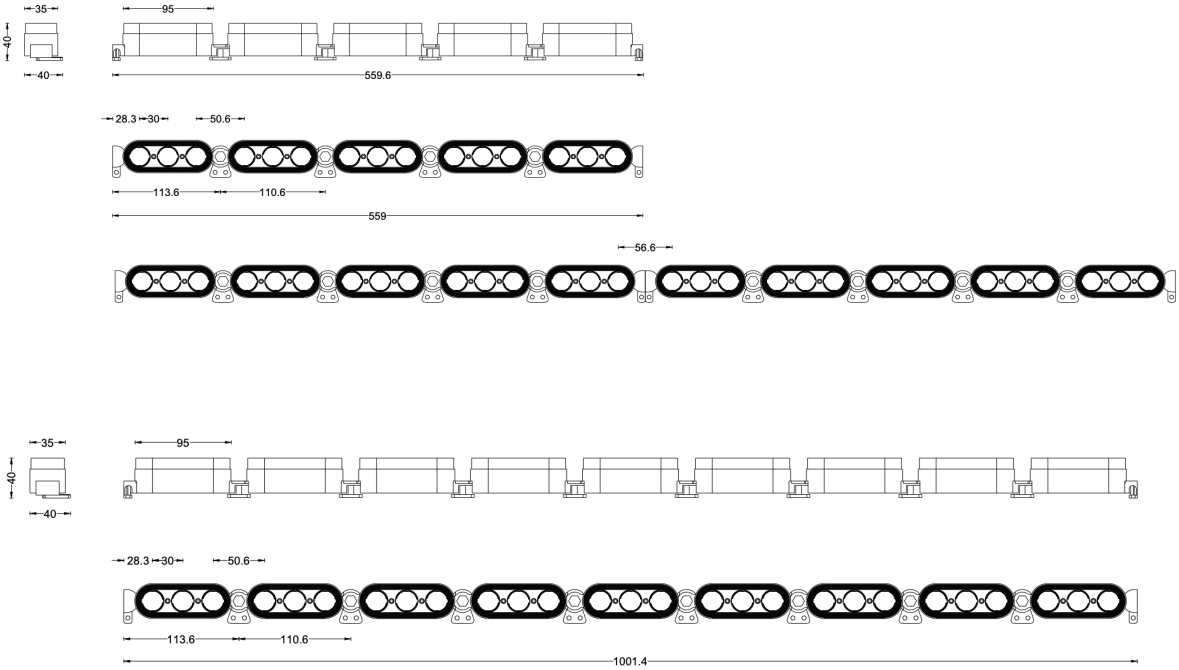
Electrical

Input Voltage	24Vdc/48Vdc optional
Feed-in Cable	2 x1.0mm outdoor cable with male & female plug
In-rushed Current (PEAK)	N/A
Surge Voltage Potection	N/A
Control	on / off

Accessories (Order Separately)

Date Interface for Dimming	N/A	
Mounting Bracket	Standard Mounting	
Glare Louver	Glare louver Assymetrical	MWMGLA

Dimension



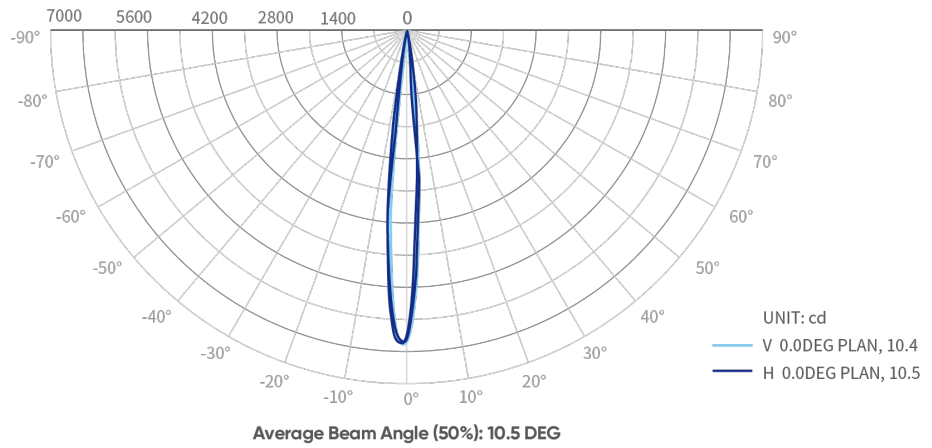
Photometric Data

10°

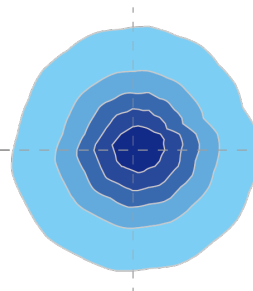
Single modular 100mm

Orasm SSL150

4.5W , 3000K , Ra80



- 10% 687.5cd
- 50% 3438cd
- 90% 6188cd



Beam Angle 10deg



Field Angle 23deg

Flux out: 134.1lm

Height	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Eavg	4603	1151	511.4	287.7	184.1	127.9	93.93	71.92	56.82	46.03
Emax	6872lx	1718lx	763.6lx	429.5lx	274.9lx	190.9lx	140.21lx	107.4lx	84.84lx	68.72lx
Diameter	18.29cm	36.58cm	54.87cm	73.16cm	91.45cm	109.74cm	128.03cm	146.32cm	164.61cm	182.90cm

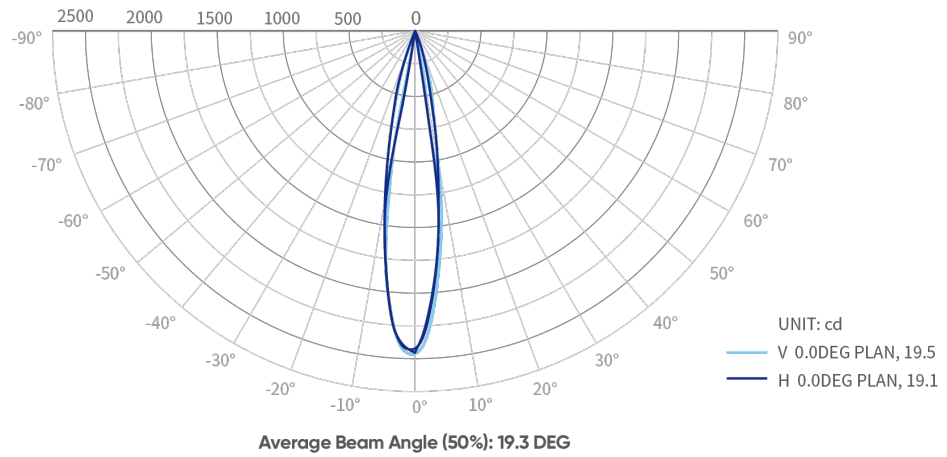
Photometric Data

20°

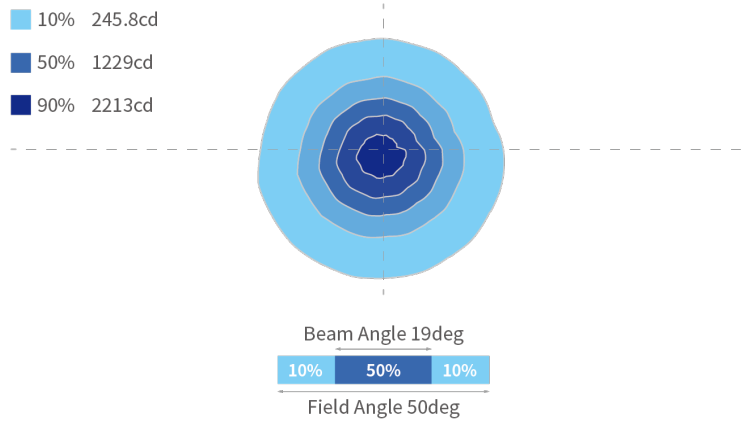
Single modular 100mm

Orasm SSL150

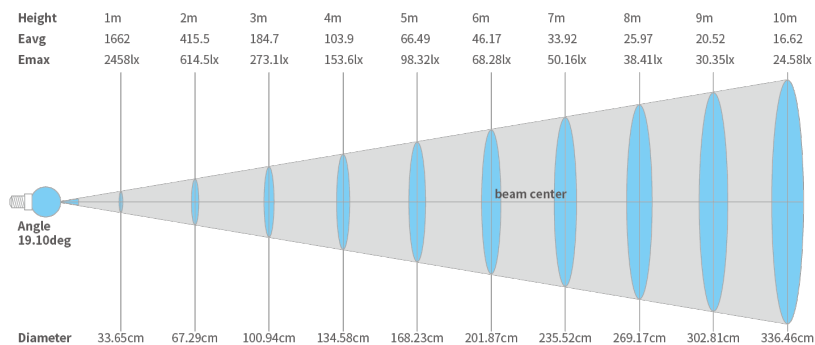
4.5W · 3000K · Ra80



- 10% 245.8cd
- 50% 1229cd
- 90% 2213cd



Flux out: 162.4lm



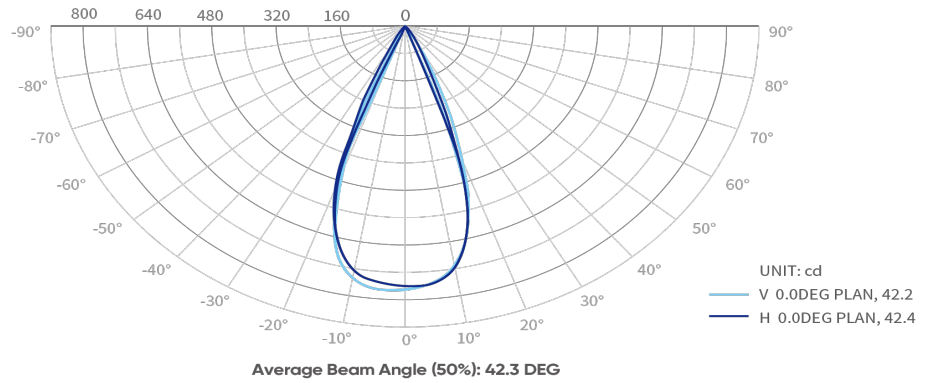
Photometric Data

40°

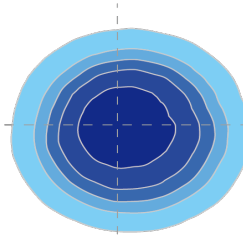
Single modular 100mm

Orasm SSL150

4.5W , 3000K , Ra80



- 10% 77.31cd
- 50% 386.6cd
- 90% 695.8cd

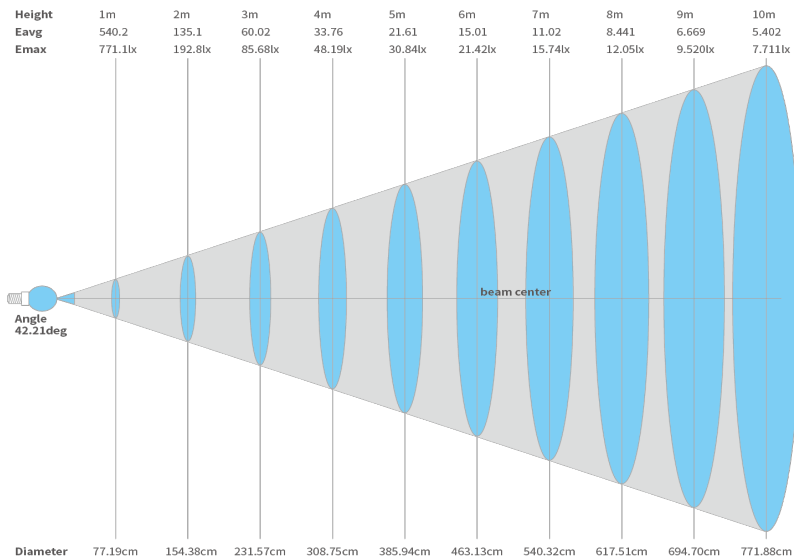


Beam Angle 42deg



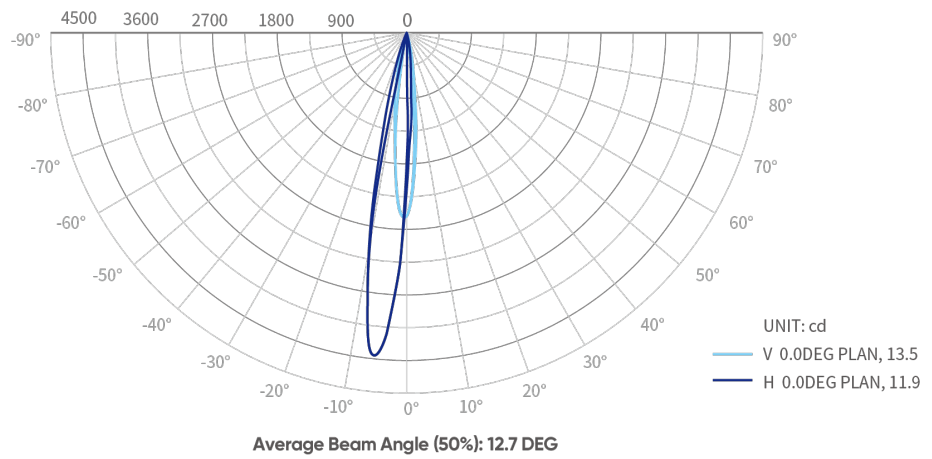
Field Angle 60deg

Flux out: 263.3lm

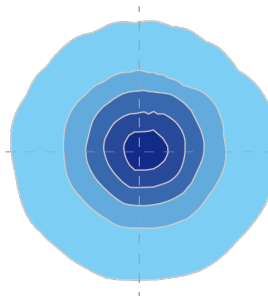


Photometric Data

12° tile 2°
 Single modular 100mm
 Orasm SSL150
 4.5W , 3000K , Ra80



- 10% 444cd
- 50% 2220cd
- 90% 3996cd



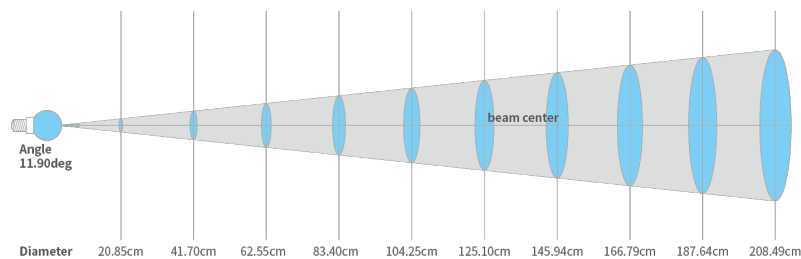
Beam Angle 12deg tile 2



Field Angle 28deg tile 2

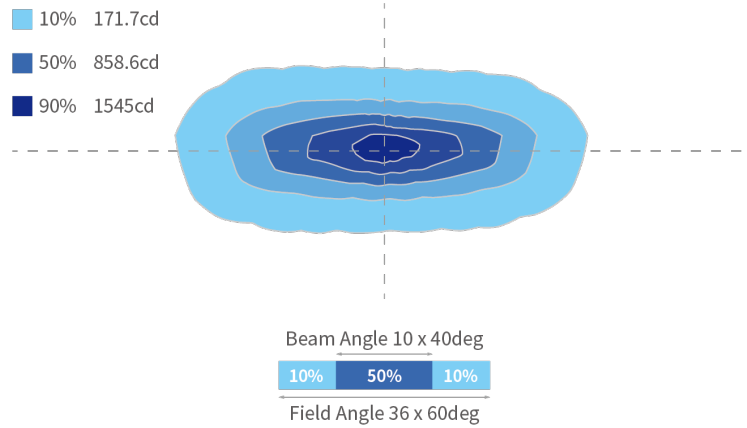
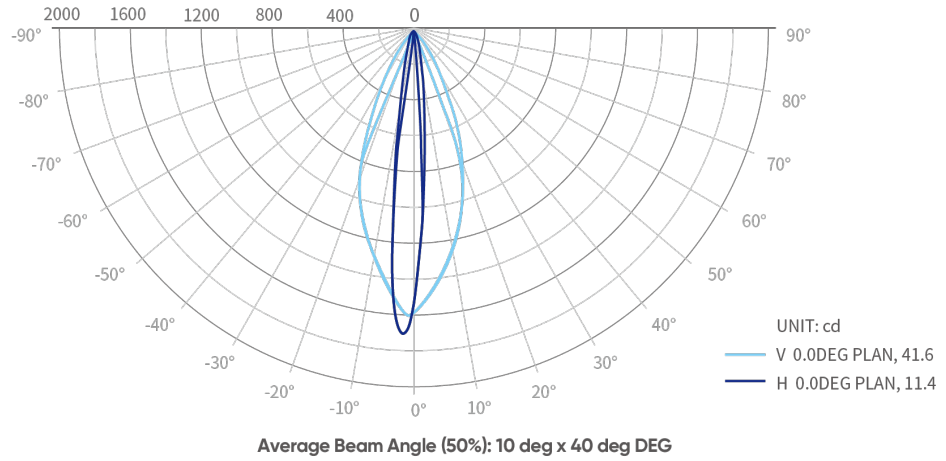
Flux out: 72.63lm

Height	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Eavg	2093	523.2	232.5	130.8	83.71	58.13	42.71	32.70	25.84	20.93
Emax	4375lx	1094lx	486.1lx	273.5lx	175.0lx	121.51lx	89.29lx	68.36lx	54.02lx	43.75lx



Photometric Data

10° x 40° Bi-symmetric
 Single modular 100mm
 Orasm SSL150
 4.5W , 3000K , Ra80



Flux out: 44.28lm

Height	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Eavg	1276	318.9	141.8	79.74	51.03	35.44	26.04	19.93	15.75	12.76
Emax	17161lx	428.91lx	190.61lx	107.21lx	68.63lx	47.66lx	36.01lx	26.81lx	21.18lx	17.16lx
Diameter	19.92cm	39.83cm	59.75cm	79.66cm	99.58cm	119.49cm	139.41cm	159.32cm	179.24cm	199.15cm

Angle 11.37deg

beam center

Specification Sheet

Medusa 100

MWM

Flex Static White

Photometric Data

Photometric Summary

Power	Beaming Angle @ 50% FWHM	Total Flux (lm)	Peak Intensity (cd)	lm/W	cd/lm
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MWM Orsam SSL150 3000K, CRI80

4.5W	10°	423.5	6875	94	16.2
	20°	404.8	2458	90	6.1
	40°	388.3	773.1	86	2.0
	12° tile 2°	397.8	4440	88	11.2
	10° x 40°	349.6	1717	78	4.9