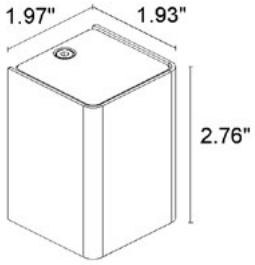
MARIS 1.2

datasheet

Maris is a family of outdoor surface mounted luminaires made of AISI 316L stainless steel finished with a proprietary AC19® treatment designed to withstand the most extreme environments, even where salt air, humidity and corrosive agents put materials to the test. Maris 1.2 is the 2.0” x 2.8” up/down version offered in 4 color temperatures, 5 optic options and 4 standard marine-grade finishes.



Fixture Dimensions



TECHNICAL DATA

Wattage / Input	3W (24VDC)
Power Supply	Remote, not included. See page 2.
Construction	Body: AISI 316L Stainless Steel with AC19® treatment Lens: Black-serigraphed, Tempered, Extra-clear Glass
CCT	2200K, 2700K, 3000K, 4000K
CRI	>90
BUG Rating	B0-U3-G0 (17°, 24°, 38°, 17°+51°)
Delivered Lumens	168 lm (17°, 3000K)
Efficacy	56 lm/W (17°, 3000K)
Optics	17°+17°, 17°+51°, 24°+24°, 38°+38°, 51°+51°
Finishes	4 Standard, see below *(4 Stage Marine Grade Finish)*
Fixture Dimensions	1.97” w x 1.93” l x 2.76” h
Fixture Weight	0.79 lbs
LED Source	2 Power LEDs
Lumen Maintenance	L80, B10 >60,000hrs (Ta 25°C)
Color Consistency	2-step MacAdam
Operating Temp.	-4°F to +122°F
IP Rating	IP66
IK Rating	IK05

ORDERING INFORMATION

Example: MR120010015LLT. Power Supplies / Accessories ordered separately.

MR1200					
Model No.	**CRI**	**Honeycomb Louver**	**CCT**	**Optics**	**Finish**
MR1200	**1** - CRI>90 **4** - for 2200K	**000** - None **001** - Honeycomb Louver	**N** - 2200K **F** - 2700K **5** - 3000K **9** - 4000K	**SS** - 17°+17° **SK** - 17°+51° **MM** - 24°+24° **LL** - 38°+38° **KK** - 51°+51°	**E** - White **H** - Anthracite **T** - Cor-ten **I** - Stainless Steel

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

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SUGGESTED POWER SUPPLIES

24VDC

Part Number	Description	Input/Output	# of Fixtures
PPLT00284	Non-Dim	120-277VAC to 24VDC, 100W, Class 2	1-26
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	4-26

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00530	L3D0	L3D0	100%-0.1%	Hi-Lume™ Premier 0.1% or Ecosystem 3-Wire LED Driver	120-277VAC to 24VDC , 96W, Class 2	1-25

DRIVERS IN NEMA ENCLOSURE

Remote 24VDC - ELV / TRIAC / 0-10V



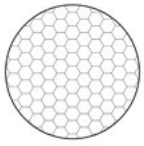
PPLT00715

Part Number	Description	Input/Output	# of Fixtures
PPLT00715	ELV / TRIAC / 0-10V Dimming to 0.1%	120-277VAC to 24VDC, 96W, Class 2, WET/DAMP	1-25

For other power supply options consult factory.

ACCESSORIES

Anti-glare



Honeycomb Louver*

*Optical accessory added in ordering matrix

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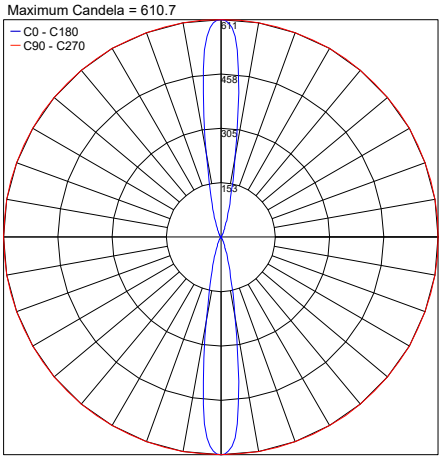
PHOTOMETRIC DATA

Note all Photometry is 3000K

Maximum Candela = 610.7



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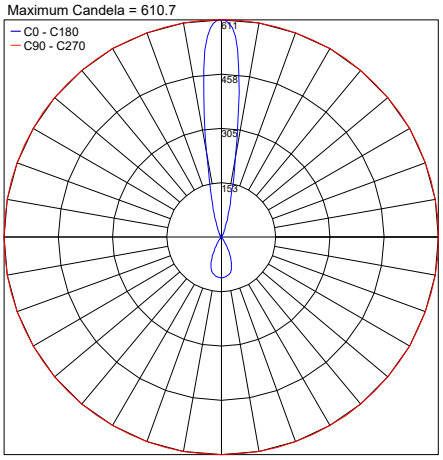
Maximum Candela = 610.7



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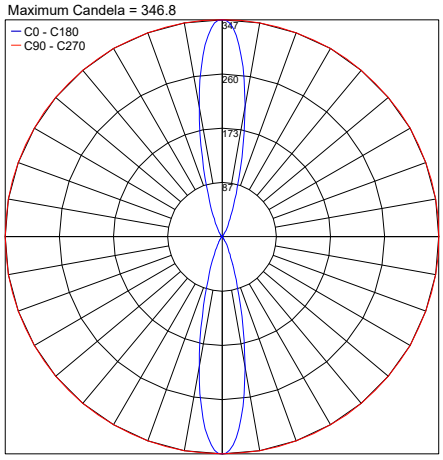
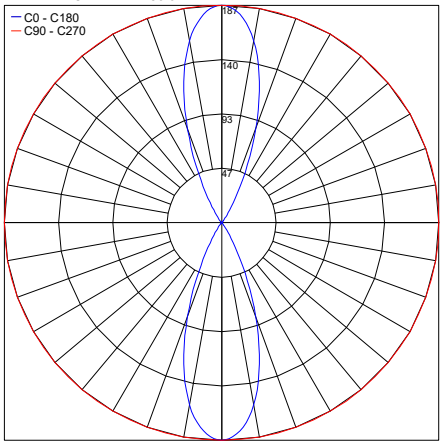
Maximum Candela = 346.8



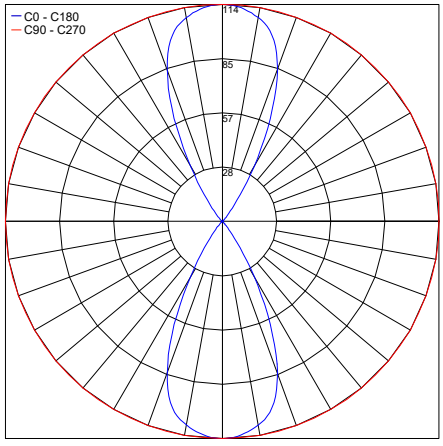
PHOTOMETRIC FILENAME : MARIS_1.2_MM_24_3000K_3W_24VDC.IES

Maximum Candela = 186.9



PHOTOMETRIC FILENAME : MARIS_1.2_LL_38_3000K_3W_24VDC.IES

Maximum Candela = 114.0



PHOTOMETRIC FILENAME : MARIS_1.2_KK_51_3000K_3W_24VDC.IES

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