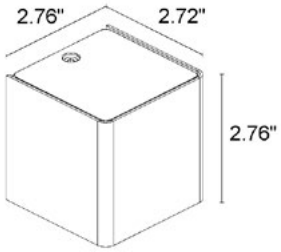
MARIS 2.1

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 2.1 is the 2.8" cube direct light version offered in 4 color temperatures, 4 optic options and 4 standard marine-grade finishes.



Fixture Dimensions



TECHNICAL DATA

Wattage / Input	5W (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-U0-G0 (Diffuse), B1-U0-G0 (49°, 36°, 28°, 21°)
Delivered Lumens	390 lm (49°, 3000K)
Efficacy	78 lm/W (49°, 3000K)
Optics	21°, 28°, 36°, 49°, Diffuse
Finishes	4 Standard, see below *(4 Stage Marine Grade Finish)*
Fixture Dimensions	2.76" w x 2.72" l x 2.76" h
Fixture Weight	1.37 lbs
LED Source	1 COB LED
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: MR210010015LMT. Power Supplies / Accessories ordered separately.

MR2100	**1**				

Model No.	CRI	Honeycomb Louver	CCT	Optics	Finish
MR2100	**1** - CRI>90	**000** - None **001** - Honeycomb Louver ****NOTE:** Honeycomb Louver not available on (D) Diffuse optics	**N** - 2200K **F** - 2700K **5** - 3000K **9** - 4000K	**S** - 21° **M** - 28° **L** - 36° **K** - 49° **D** - Diffuse**	**E** - White **H** - Anthracite **T** - Cor-ten **I** - Stainless Steel

Job Name/Date:

Fixture Type Designation:

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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	1-16
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	2-16

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	1-15

DRIVERS IN NEMA ENCLOSURE

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



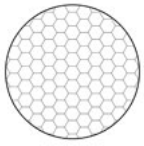
PPLT00715

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	1-15

For other power supply options consult factory.

ACCESSORIES

Anti-glare



Honeycomb Louver*

*Optical accessory added in ordering matrix

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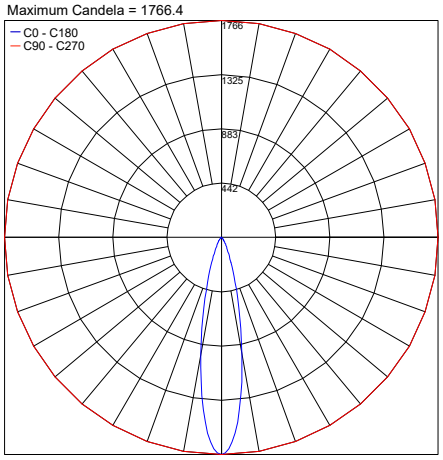
PHOTOMETRIC DATA

Note all Photometry is 3000K

Maximum Candela = 1766.4



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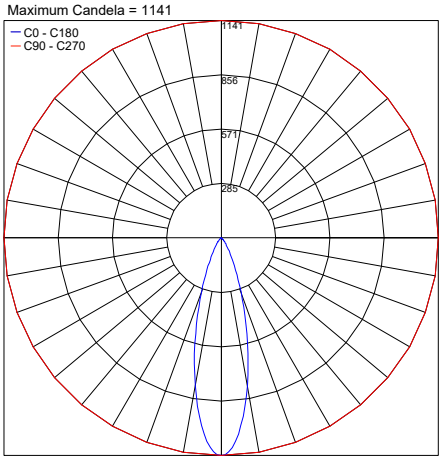
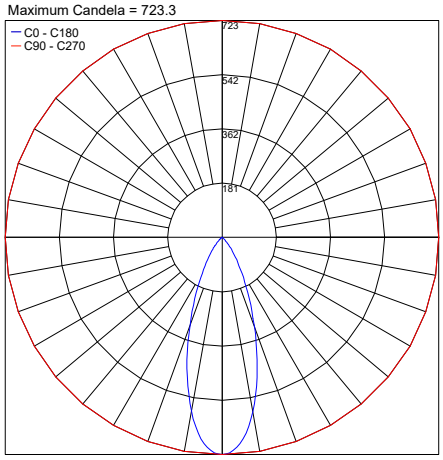
Maximum Candela = 1141



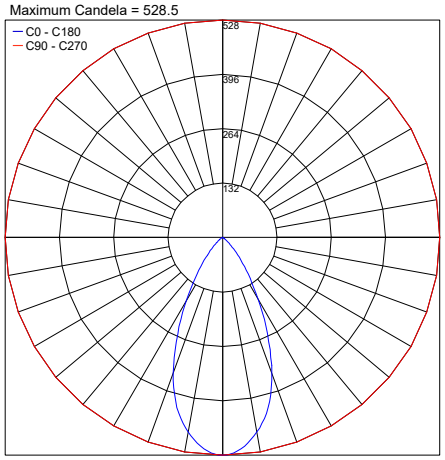
PHOTOMETRIC FILENAME : MARIS_2.1_M_28_3000K_5W_24VDC.IES

Maximum Candela = 723.3



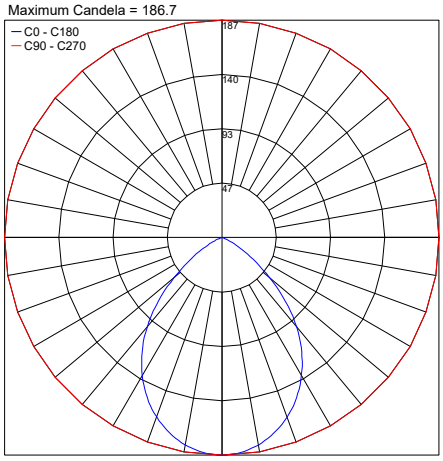
PHOTOMETRIC FILENAME : MARIS_2.1_L_36_3000K_5W_24VDC.IES

Maximum Candela = 528.5



PHOTOMETRIC FILENAME : MARIS_2.1_K_49_3000K_5W_24VDC.IES

Maximum Candela = 186.7



PHOTOMETRIC FILENAME : MARIS_2.1_D_3000K_5W_24VDC.IES

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