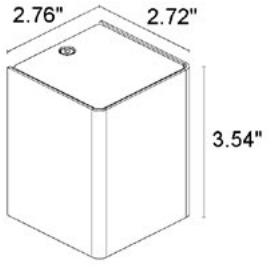
MARIS 2.2

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 2.2 is the 2.8” x 3.5” up/down version offered in 4 color temperatures, 6 optic options and 4 standard marine-grade finishes.



Fixture Dimensions



TECHNICAL DATA

Wattage / Input	9W (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 (Diffuse), B1-U3-G0 (all other optics)
Delivered Lumens	780 lm (49°, 3000K)
Efficacy	86.7 lm/W (49°, 3000K)
Optics	21°+21°, 21°+49°, 28°+28°, 36°+36°, 49°+49°, Diffuse
Finishes	4 Standard, see below *(4 Stage Marine Grade Finish)*
Fixture Dimensions	2.76” w x 2.72” l x 3.54” h
Fixture Weight	1.59 lbs
LED Source	2 COB 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: MR220010015LLT. Power Supplies / Accessories ordered separately.

MR2200	**1**				

Model No.	CRI	Honeycomb Louver	CCT	Optics	Finish
MR2200	**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	**SS** - 21°+21° **SK** - 21°+49° **MM** - 28°+28° **LL** - 36°+36° **KK** - 49°+49° **DD** - Diffuse**	**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	1-8
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	2-8

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	1-8

DRIVERS IN NEMA ENCLOSURE

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



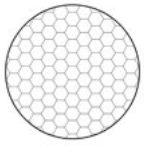
PPLT00715

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	1-8

For other power supply options consult factory.

ACCESSORIES

Anti-glare



Honeycomb Louver*

*Optical accessory added in ordering matrix

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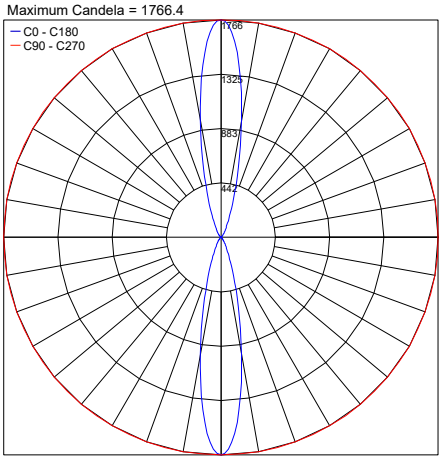
PHOTOMETRIC DATA

Note all Photometry is 3000K

Maximum Candela = 1766.4



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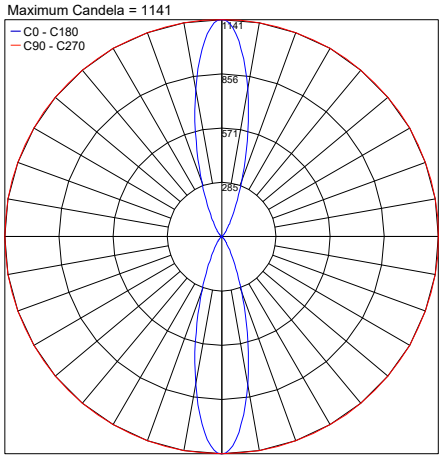
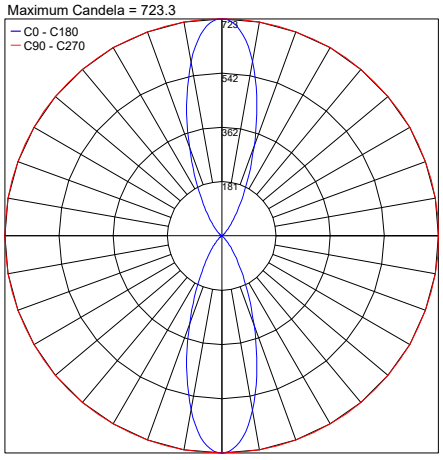
Maximum Candela = 1141



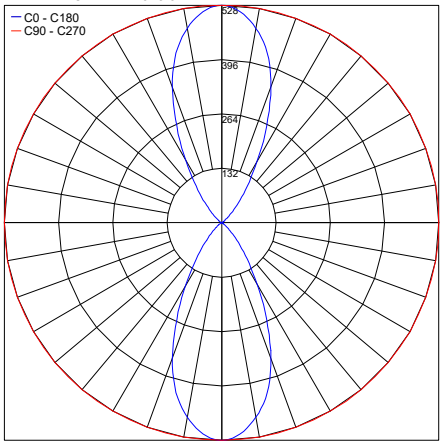
PHOTOMETRIC FILENAME : MARIS_2.2_MM_28_3000K_9W_24VDC.IES

Maximum Candela = 723.3



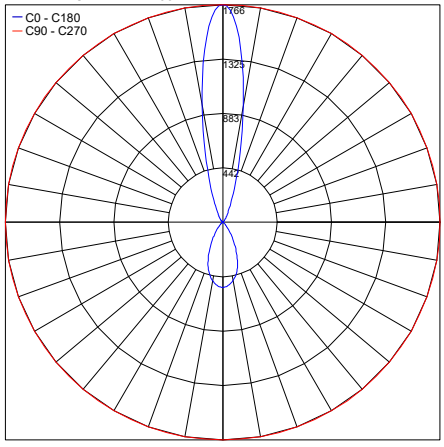
PHOTOMETRIC FILENAME : MARIS_2.2_LL_36_3000K_9W_24VDC.IES

Maximum Candela = 528.5



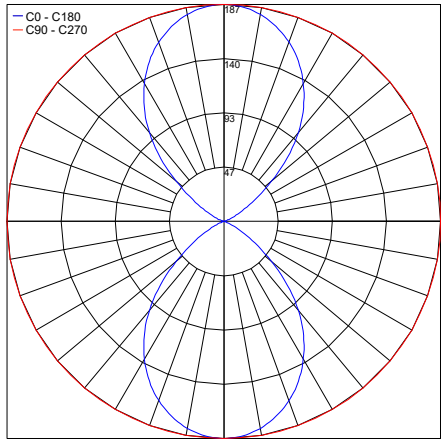
PHOTOMETRIC FILENAME : MARIS_2.2_KK_49_3000K_9W_24VDC.IES

Maximum Candela = 1766.4



PHOTOMETRIC FILENAME : MARIS_2.2_SK_21+49_3000K_9W_24VDC.IES

Maximum Candela = 186.7



PHOTOMETRIC FILENAME : MARIS_2.2_DD_3000K_9W_24VDC.IES

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