FLEA MAXI UNDERWATER

datasheet

FLEA is a family of IP67-rated round or square recessed wall / in-grade or downlights available in static white, RGBW, and and underwater version (IP68). FLEA MAXI Underwater is IP68-rated, and offered round (Ø3.2”) or as a floodlight (Ø2.6”) with 2 static color temperatures, 5 optics options, and made of ASIS 316L Stainless Steel.

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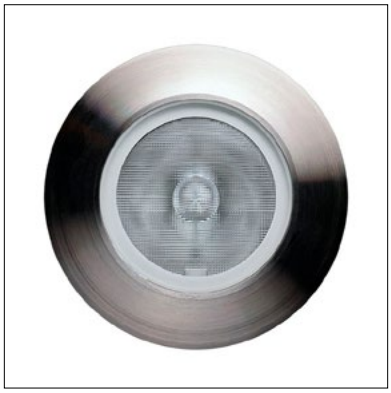
UL 676



FLEA MAXI Underwater Round

FLEA MAXI Underwater Spot

Fixture Dimensions - See page 2

TECHNICAL DATA

Wattage	8.5W
Power Supply	Remote Fountain/Pool Approved 24VDC Power Supply, not included. See page 2.
Construction	Housing: Anticorodal Aluminum Lens: Extra Clear Tempered Glass
CCT	3000K, 4000K
BUG Rating	B-U0-G0 (3000K)
CRI	>80
Delivered Lumens	464 lm/W (3000K, 10°)
Efficacy	54.6 lm/W (3000K, 10°)
Optics	10°, 25°, 45°, 10°x40°, Diffuse
Finishes	AISI 316L Stainless Steel
Lumen Maintenance	90,000 hrs. L90 (Ta 35°C)
Fixture Dimensions	See page 2
IP Rating	IP68 (9.84 ft)
Impact Resistance	—

ORDERING INFORMATION

Example: F50127.6.3.02.US. Power Supplies / Accessories ordered separately.

	. **6**	.	.	. **US**

Model No.	Finish	CCT	Optics	
F50127 - Round **F50142** - Spot	**6** - AISI 316L Stainless Steel	**3** - 3000K **4** - 4000K	**02** - Spot 10° **05** - Diffuse **36** - Medium 25° **32** - Wide 45° **38** - 10°x40°	**US**

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

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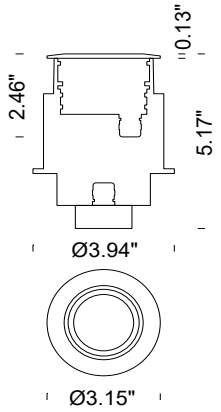
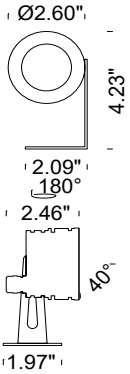
FIXTURE DIMENSIONS



FLEA MAXI Underwater Round



FLEA MAXI Underwater Spot

SUGGESTED POWER SUPPLIES

24VDC

Part Number	Description	Input/Output	# of Fixtures
FPV-100110024	ELV / TRIAC & 0-10V Dimming (100 to 0%)	120-277VAC to 24VDC, 96W, Class 2, IP66, NEMA 4X	1-9
FPV-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-9
FPV-100100024	0-10V Dimming (2 channels)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-18

For other power supply options consult factory.

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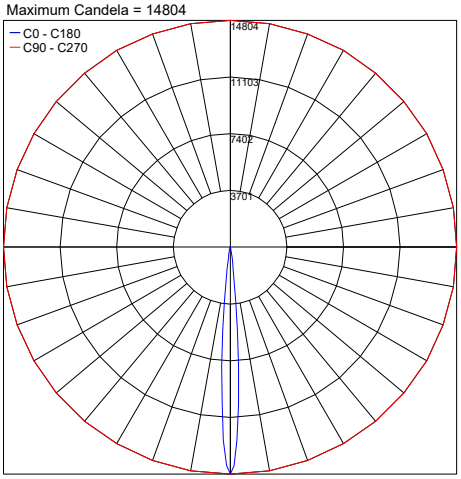
PHOTOMETRIC DATA - *Note: All photometry is 3000K*

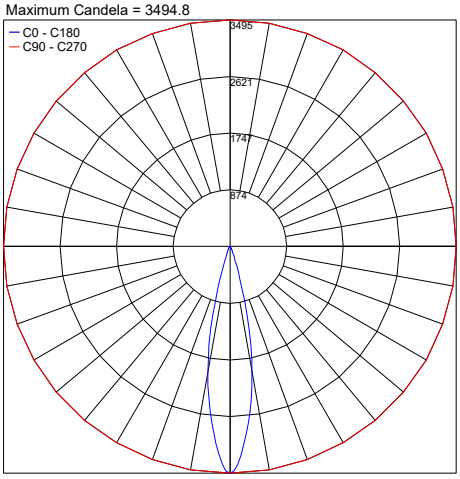
ROUND

Maximum Candela = 14804



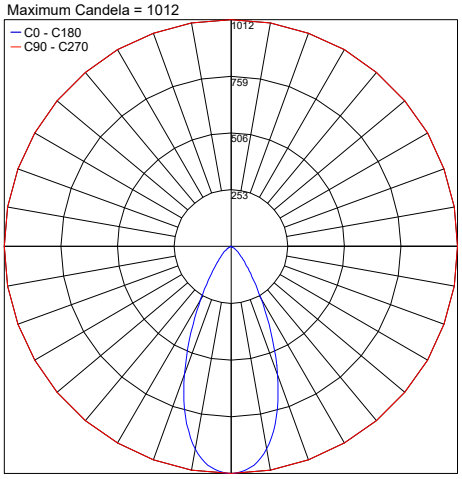
PHOTOMETRIC FILENAME : FLEA MAXI UNDERWATER RD 30K 10°-50127.X.3.01.IES

Maximum Candela = 3494.8



PHOTOMETRIC FILENAME : FLEA MAXI UNDERWATER RD 30K 25°-50127.X.3.36.IES

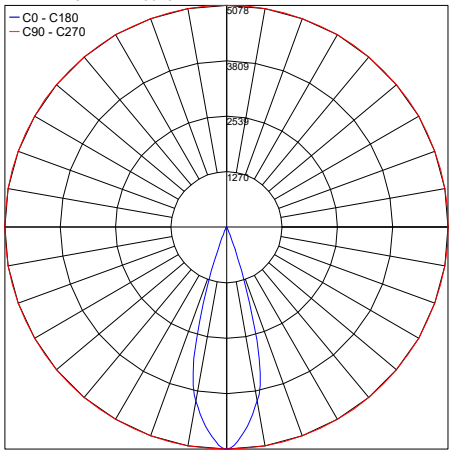
Maximum Candela = 1012



PHOTOMETRIC FILENAME : FLEA MAXI UNDERWATER RD 30K 45°-50127.X.3.32.IES

ROUND

Maximum Candela = 5078.2



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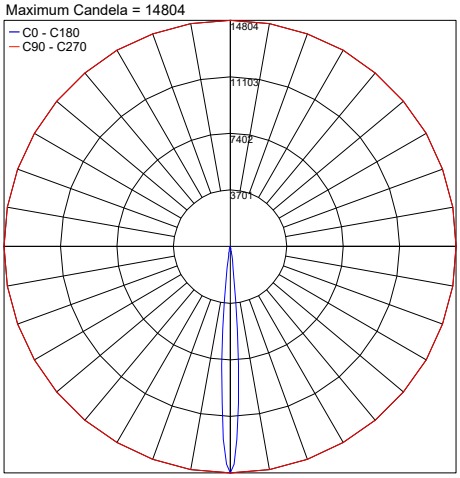
SPOTLIGHT

Maximum Candela = 14804



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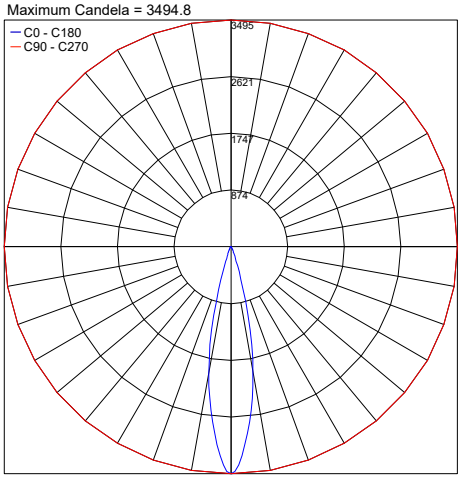
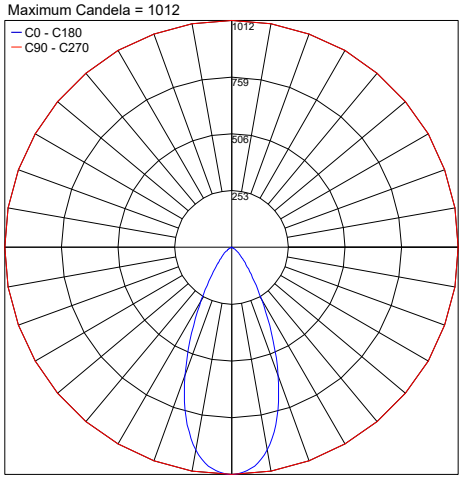
Maximum Candela = 3494.8



PHOTOMETRIC FILENAME : FLEA MAXI UNDERWATER SPOT 30K 25°-50142.X.3.36.IES

Maximum Candela = 1012



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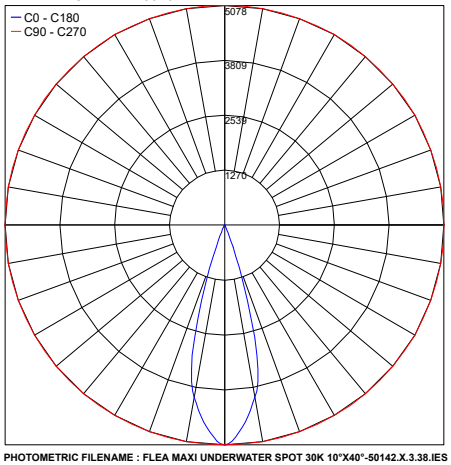
Maximum Candela = 5078.2



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