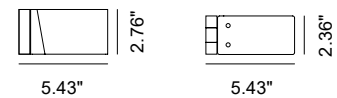# FLEX M-01

FLEX is a compact, adjustable, stainless steel floodlight with a bracket allowing double-axis movement (360° on one axis, 110° on the second axis) in all directions. It is available in 3 sizes with 1, 2, or 3 LEDs for different design needs, 3 optics options, and 3 standard Hard Coat Treatment finishes. FLEX M-01 is the single LED version.

Fixture Dimensions

TECHNICAL DATA

Wattage	4W per beam
Power Supply	Remote 350mA - See page 2
Construction	Body: AISI 316L Stainless Steel Lens: Black Silk-screened Extra-clear Tempered Glass 0.16" Thick
CCT	2700K, 3000K, 4000K
CRI	>85
Delivered Lumens	550 lm per bean (3000K)
Efficacy	137.5 lm/W per beam (3000K)
Optics	21°, 45°, 65°
BUG Rating	B1-U0-G0 (21°, 3000K)
Lumen Maintenance	100,000 hrs L80, B10 (Ta 25°C)
Hard Coat Finishes	Inox Natural, Inox Graphite, Inox Bronze
Fixture Dimensions	2.8" h x 2.4" w x 5.4" l
IP Rating	IP66
Impact Resistance	IK08
Warranty	10 Years Against Corrosion 5 Years on Electrical Components

Hard Coating Treatment is the surface treatment of all the products by Stral Lighting. It is not a skin of color, but instead is a process that allows for the color to be absorbed all the way through. If a product is scratched, the color beneath is the same as the color on the surface. It guarantees a high superficial resistance to corrosion and atmospheric agents, as well as making the products anti-fingerprint and anti-stain. Available in three finishes Inox Natural, Inox Graphite and Inox Bronze.

ORDERING INFORMATION

Example: SPT5051034B.US. Power Supplies / Accessories sold separately.

SPT50510				.US
Model No.	**CCT**	**Optics**	**Finishes**	
SPT50510 (M-01)	**2** - 2700K	**2** - 21°	**N** - Inox Natural	**.US**
	3 - 3000K	**4** - 45°	**G** - Inox Graphite	
	4 - 4000K	**6** - 65°	**B** - Inox Bronze	

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2023 Designplan Lighting, Inc.
Published: June 17, 2024

P: 908-996-7710
F: 908-996-7042
1 of 2

FLEX M-01

FINISHES

Inox Natural

Inox Graphite

Inox Bronze

FLEX M01

SUGGESTED POWER SUPPLIES

350mA

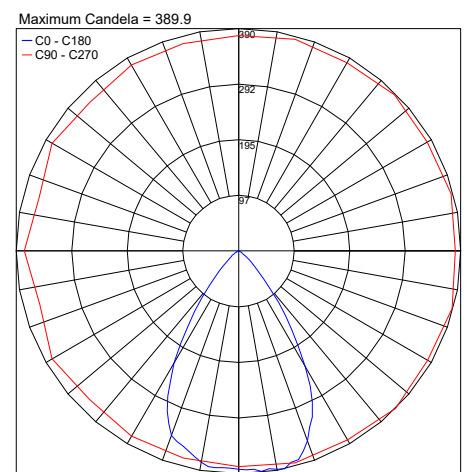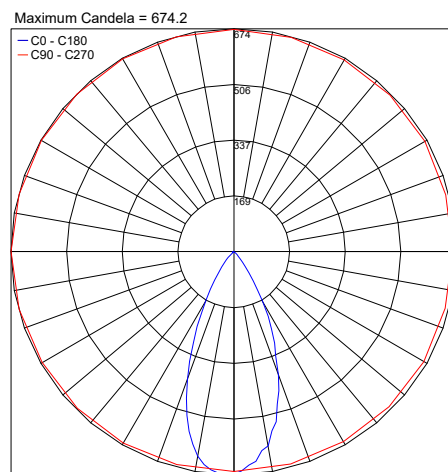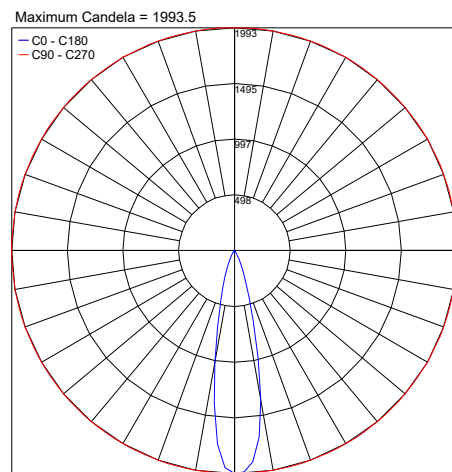| Part Number	Description	Input/Output	# of Fixtures - M01
PPLT00148	0-10V Dimming to 10%	120-277VAC to 350mA, 6W, Class 2	1-1
PPLT00496	Phase Dim (120V only)	120VAC to 350mA, 12W, Class 2, DAMP	1-2
PPLT00263	Leading / Trailing Edge Dimming to 10% (120V only)	120-277VAC to 350mA, 32W, Class 2	3-4
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 350mA, 50W, Class 2, DAMP	1-4
PPLT00538-P	0-10V Dimming to 0.1%	120-277VAC to 350mA, 100W, Class 2	1-20

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00516	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 350mA, 13W, Class 2	2-3
PPLT00179	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 350mA, 19W, Class 2	4-4

For other power supply options consult factory.

PHOTOMETRIC DATA

Note: All photometry is 3000K

Maximum Candela = 1993.5

— C0 - C180
— C90 - C270

PHOTOMETRIC FILENAME : FLEX M-01 30K 21° - PT5051032N

Maximum Candela = 674.2

— C0 - C180
— C90 - C270

PHOTOMETRIC FILENAME : FLEX M-01 30K 45° - PT5051034N

Maximum Candela = 389.9

— C0 - C180
— C90 - C270

PHOTOMETRIC FILENAME : FLEX M-01 30K 65° - PT5051036N

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2023 Designplan Lighting, Inc.
Published: June 17, 2024

P: 908-996-7710
F: 908-996-7042
2 of 2