# LOCH M-120

designplan

Loch is a circular, wall mounted, stainless steel LED luminaire that offers mono or bi-directional lighting for outdoor or indoor areas. The M (mono) and B (Bi) series are both available in 3 sizes, each with 3 optical options, 3 color temperatures, and 3 Hard Coat Treatment finishes. Loch M-120 is the 4.7″ x 6.1″ mono version.

TECHNICAL DATA

Wattage	7W (M-120)
Power Supply	Remote 350mA - See page 2
Dimming	Available - See page 2
Construction	Body: AISI 316L Stainless Steel Lens: Flush Black Silk-screened Glass Extra-clear, Tempered, 0.16" Thick
CCT	2700K, 3000K, 4000K
CRI	>85
Delivered Lumens	750 lm (M-120, 3000K)
Efficacy	107 lm/W (M-120, 3000K)
Optics	21°, 45°, 65°
BUG Rating	B1-U0-G0 (21°)
Lumen Maintenance	100,000 hrs L80, B10 (Ta 25°C)
Hard Coat Finishes	Inox Natural, Inox Graphite, Inox Bronze
Fixture Dimensions	4.72" x 6.06" (M-120, B-120)
IP Rating	IP66
Impact Resistance	IK08
Warranty	10 Years Against Corrosion 5 Years on Electrical Components
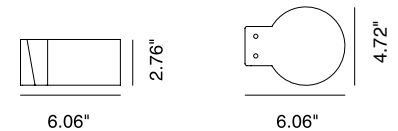
Hard Coating Treatment is the surface treatment of all the products by Stral Lighting. It is not a skin of color, but instead is a process that allows for the color to be absorbed all the way through. If a product is scratched, the color beneath is the same as the color on the surface. It guarantees 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.
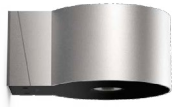
Fixture Dimensions

2.76" 6.06" 6.06" 4.72"

ORDERING INFORMATION

Example: SPT4012036B.US. Power Supplies / Accessories sold separately.

SPT40120				.US

Model No.	**CCT**	**Optics**	**Finishes**	
SPT40120 (M-120)	**2** - 2700K	**2** - 21°	**N** - Inox Natural	.US
	3 - 3000K	**4** - 45°	**G** - Inox Graphite	
	4 - 4000K	**6** - 65°	**B** - Inox Bronze	

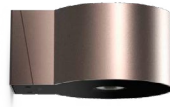*Job Name/Date:*

Fixture Type Designation:

LOCH M-120

FINISHES

Inox Natural
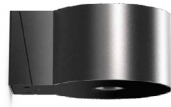
Inox Graphite

Inox Bronze

SUGGESTED POWER SUPPLIES
500mA

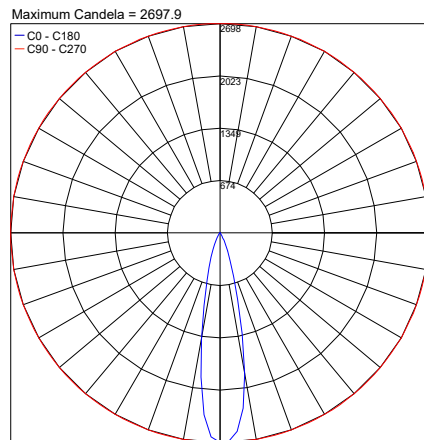| Part Number	Description	Input/Output	# of Fixtures
PPLT00497	Phase Dim (120V only)	120VAC to 500mA, 12W, Class 2, DAMP	1-1
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2	1-2
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-4
PPLT00538-P	0-10V Dimming to 0.1%	120-277VAC to 500mA, 100W, Class 2	1-12

Suggested Lutron Compatible

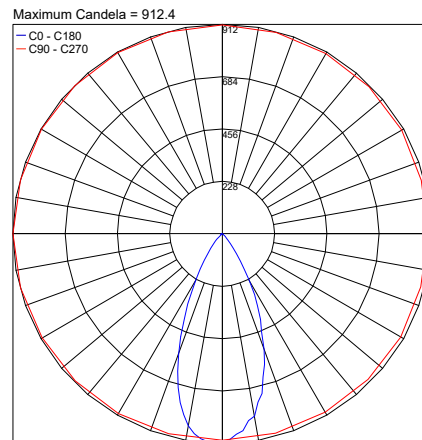| Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00195	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 19W, Class 2	2-2
PPLT00676	PEQ0E	PEQ0	100%-1%	Hi-Lume™ Premier 0.1% EcoSystem™ LED Driver	120-277VAC to 500mA, 20W, Class 2	2-2

For other power supply options consult factory.

PHOTOMETRIC DATA
NOTE: All photometry is 3000K

Maximum Candela = 2697.9

C0 - C180
C90 - C270

PHOTOMETRIC FILENAME : PT4012032B.IES

21°

Maximum Candela = 912.4

C0 - C180
C90 - C270

PHOTOMETRIC FILENAME : PT4012034B.IES

45°

Maximum Candela = 527.7

C0 - C180
C90 - C270

PHOTOMETRIC FILENAME : PT4012036B.IES
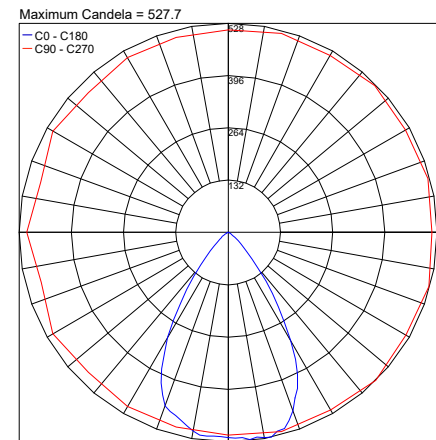
65°

Job Name/Date:

Fixture Type Designation: