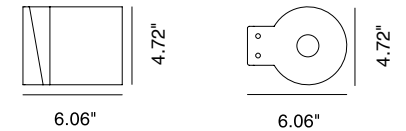# LOCH B-120

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 B-120 is the 4.7″ x 4.7″ bi light version.

Fixture Dimensions

TECHNICAL DATA

Wattage	2x7W (B120)
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 per beam (B-120, 3000K)
Efficacy	107 lm/W per beam (B-120, 3000K)
Optics	21°, 45°, 65°
BUG Rating	B1-U0-G0 (M-120, 21°)
Lumen Maintenance	100,000 hrs L80, B10 (Ta 25°C)
Hard Coat Finishes	Inox Natural, Inox Graphite, Inox Bronze
Fixture Dimensions	4.72" w x 4.72" h 6.06" d
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: SPT4015036B.US. Power Supplies / Accessories sold separately.

SPT40150				.US

Model No.	CCT	Optics	Finishes	
SPT40150 (B-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 B-120

FINISHES

Inox Natural
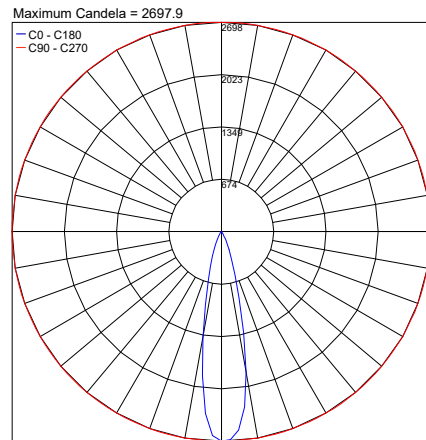

Inox Graphite

Inox Bronze

SUGGESTED POWER SUPPLIES
500mA

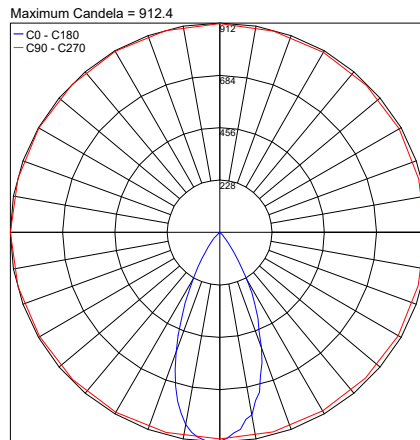| Part Number	Description	Input/Output	# of Fixtures
PPLT00496	Phase Dim (120V only)	120VAC to 500mA, 12W, Class 2, DAMP	—
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-2
PPLT00538-P	0-10V Dimming to 0.1%	120-277VAC to 500mA, 100W, Class 2	1-4

For other power supply options consult factory.
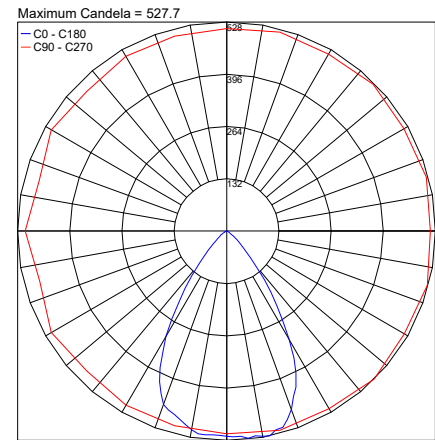
PHOTOMETRIC DATA
NOTE: All photometry is 3000K

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:

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