FOCAL D-70

designplan®

Focal is a IP66-rated LED floodlight with locking ring, parallel lines, and a head axial rotation of 180°, that is perfectly suited for illuminating architectural details and natural elements such as shrubs and planted areas. It is available in 2 head sizes, 3 heights, and in 3 standard Hard Coat Treatment finishes.

GU4

LED

Fixture Dimensions - See page 2

TECHNICAL DATA

Wattage / Input	7W LED or GU10 (Lamp by others)
Power Supply	Remote 12VDC Constant Voltage
Dimming	See Power Supplies on Page 2
Construction	Body: AISI 316L Stainless Steel Lens: Extra-clear Tempered Glass 0.16" Thick
CCT	2700K, 3000K, 4000K or GU10 Lamp by others
BUG Rating	B1-U1-G0 (6°, 10°x35°, 15°, 25°) B0-U1-G0 (35°)
CRI	>80
Delivered Lumens	750 lm (3000K) or Determined by Lamp
Efficacy	107.1 lm/W (3000K) or Determined by Lamp
Optics	Multilens: 6°, 15°, 25°, 38°, 10°x 35°, Wide or Determined by Lamp
Hard Coat Finishes	Inox Natural, Inox Graphite, Inox Bronze
Fixture Dimensions	Ø2.8" x 7.9", 15.8", 31.5" h
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

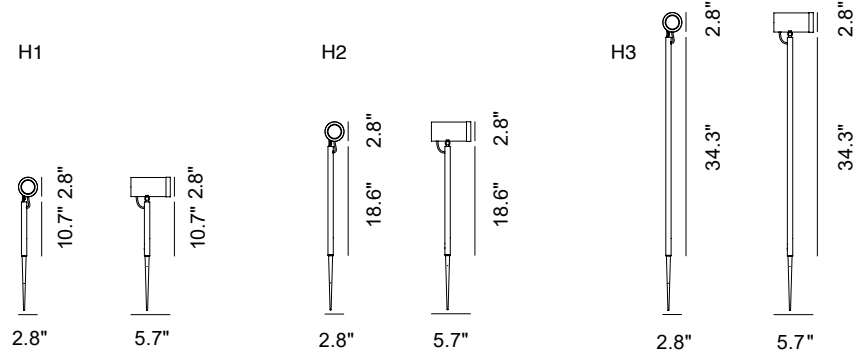*Example: SPT5041034B.US. Power Supplies / Accessories sold separately.*

				.US
Model No.	**Height**	**Finishes**	**Fixing**	
SPT501504 - GU4 Bulb	**2** - 7.87"	**N** - Inox Natural	**F** - On Mounting Plate	**.US**
(Bulb Sold Separately)	**4** - 15.75"	**G** - Inox Graphite	**S** - On Spike (included)	
SPT501502 - 5W LED	**8** - 31.50"	**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: March 20, 2025

P: 908-996-7710
F: 908-996-7042
1 of 3

FOCAL D-70

FIXTURE DIMENSIONS

FOCAL D-70

H1

10.7" 2.8"

10.7" 2.8"

2.8"   5.7"

H2

18.6" 2.8"

18.6" 2.8"

2.8"   5.7"

H3

34.3"   2.8"

34.3"   2.8"

2.8"   5.7"

FINISHES

Inox Natural   Inox Graphite   Inox Bronze

SUGGESTED POWER SUPPLIES

12VDC

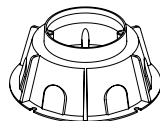| Part Number	Description	Input/Output	# of Fixtures	
			D-50	D-70
PPLT00162	Non-Dim	120VAC to 12VDC, 20W, Class 2, IP64	1-5	1-3
PPLT00654	0-10V Dimming	120-277VAC to 12VDC, 50W, Class 2	1-13	1-8

For other power supply options consult factory.
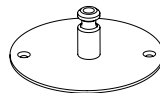
ACCESSORIES
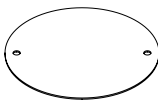
PT40002
Mortar Cap
Ø4.33"
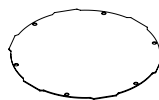
PT40003
Bottom Cap
Ø6.30"

PT69001
Spike 1
Ø0.79" x 1.97" w x 9.45" h

PT69001
Spike 2
Ø0.79" x 1.97" w x 9.45" h

PT52123
Casing
Ø7.87" x 7.87" w x 3.15" h

PT68100
Casing Flange 1
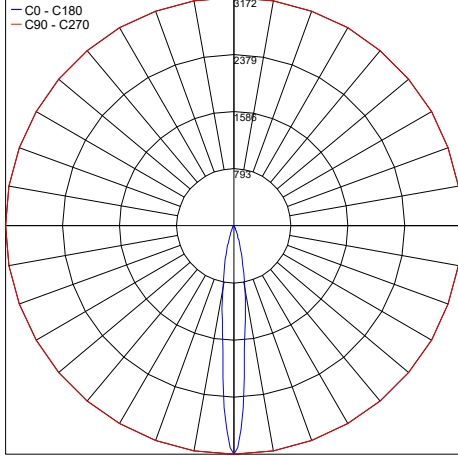Ø4.33" x 1.57" h

PT68101
Casing Flange 2
Ø4.33" x 1.57" h

Job Name/Date:

Fixture Type Designation:

sales@designplan.com

www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2023 Designplan Lighting, Inc.
Published: March 20, 2025

P: 908-996-7710

F: 908-996-7042

2 of 3

FOCAL D-70

PHOTOMETRIC DATA

Multilens includes the below optics at 2700K

Maximum Candela = 3172.5

— C0 - C180
— C90 - C270

3172
2379
1586
793

PHOTOMETRIC FILENAME : FOCAL D-50 / D-70 2700K 6°

Maximum Candela = 3082.4

— C0 - C180
— C90 - C270

3082
2312
1541
771
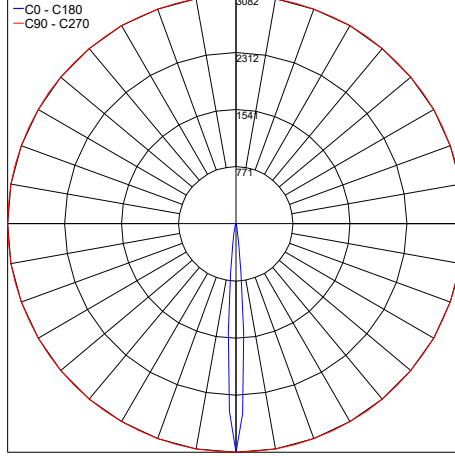
PHOTOMETRIC FILENAME : FOCAL D-50 / D-70 2700K 10°X35°

Maximum Candela = 2595.9

— C0 - C180
— C90 - C270

2596
1947
1298
649
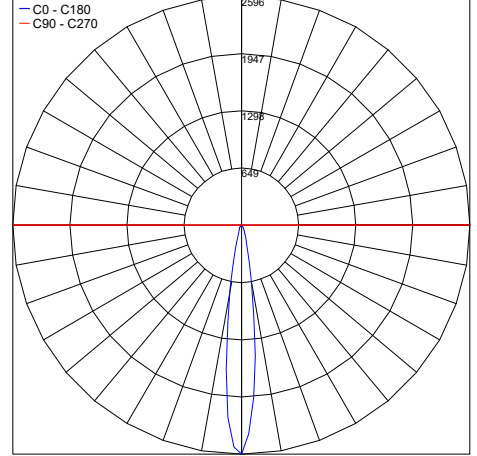
PHOTOMETRIC FILENAME : FOCAL D-50 2700K 15° - PT5025020B.IES

Maximum Candela = 1081.0

— C0 - C180
— C90 - C270

1081
811
541
270
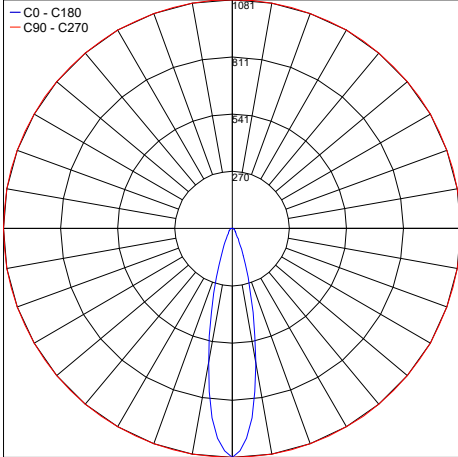
PHOTOMETRIC FILENAME : FOCAL D-50 / D-70 2700K 25°

Maximum Candela = 525.5

— C0 - C180
— C90 - C270

525
394
263
131
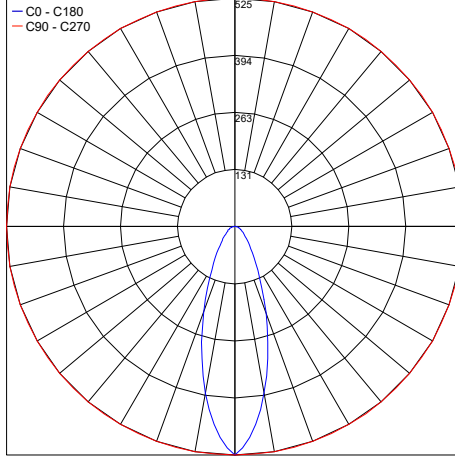
PHOTOMETRIC FILENAME : FOCAL D-50 2700K 35° - PT5025020B.IES

Job Name/Date:

Fixture Type Designation: