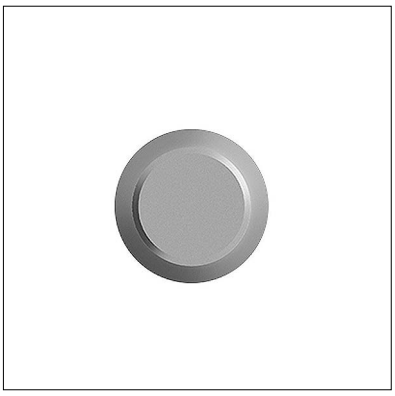
BULTJIE R-50

designplan

datasheet

BULTJIE is a family of wall and in-grade recessed luminaires suitable for outdoor installation, that are available in round or square shapes, with ground grazing illumination and shielding of 90°, 180°, 270°, 360°. They are walkover safe, and come in 4 color temperatures and 3 standard Hard Coat Treatment finishes. BULTJIE R-50 is the smaller round version at 2.0" in diameter.

Intertek

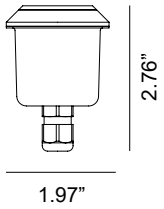


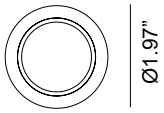
TECHNICAL DATA

Wattage	5W
Power Supply	Remote 500mA, not included. See page 2
Construction	Body/Frame: Stainless Steel AISI 316L Lens: Plexiglass
CCT	2200K, 2700K, 3000K, 4000K
BUG Rating	B0-U2-G1 (90° - 3000K) B0-U3-G1 (180°, 270°, 360° - 3000K)
CRI	>80
Delivered Lumens	463 lm (3000K)
Efficacy	92.6 lm/W (3000K)
Optics	Ground grazing with shielding: 90°, 180°, 270°, 360°
Lumen Maintenance	L80 / B10 @100.000h Ta=25°C
Hard Coat Finishes	Inox Natural, Inox Graphite, Inox Bronze
Fixture Dimensions	Ø1.97" x 2.76" h
IP Rating	IP66, IP67
Impact Resistance	IK09
Warranty	2 Years Extendable to 5 Years

***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





ORDERING INFORMATION

Example: SPT3021037B.US. Power Supplies ordered separately.

SPT30210				**.US**
Model No.	**CCT**	**Optics**	**Finishes**	
SPT30210	**1** - 2200K **2** - 2700K **3** - 3000K **4** - 4000K	**5** - Wide 90° **6** - Wide 180° **7** - Wide 270° **8** - Wide 360°	**N** - Inox Natural **G** - Inox Graphite **B** - Inox Bronze	**.US**

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

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

SUGGESTED POWER SUPPLIES

500mA

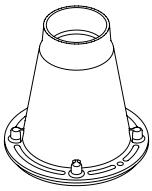
Part Number	Description	Input/Output	# of Fixtures
PPLT00466-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 10W, Class 2, DAMP	1-1
PPLT00469	Phase Dim (120V only)	120VAC to 500mA, 14W, Class 2	1-2
PPLT00262	Leading / Trailing Edge Dimming to 10% (120V only)	120-277VAC to 500mA, 32W, Class 2	2-3
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-4
PPLT00561-P500	0-10V Dimming to 0.1%	120-277VAC to 500mA, 100W, Class 2	1-4

Suggested Lutron Compatible

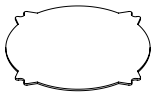
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00259	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W, Class 2	1-1
PPLT00195	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 19W, Class 2	2-3
PPLT00676	PEQ0E	PEQ0	100%-0.1%	Hi-Lume Premier 0.1% EcoSystem™ LED Driver	120-277VAC to 500mA, 20W, Class 2	1-3
PPLT00180	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 27W, Class 2	3-4

For other power supply options consult factory.

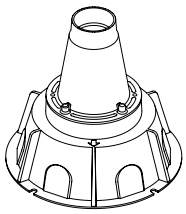
ACCESSORIES - Installation



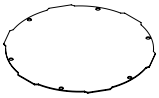
PT51802
Outer Casing
Ø1.97” x 4.33” h



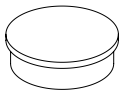
PT40004
Bottom Cap
Ø4.72”



PT51803
Outer Casing
Ø1.97” x 7.68” h



PT40003
Bottom Cap
Ø7.68”



PT40010
Mortar Cap

Job Name/Date:

Fixture Type Designation:

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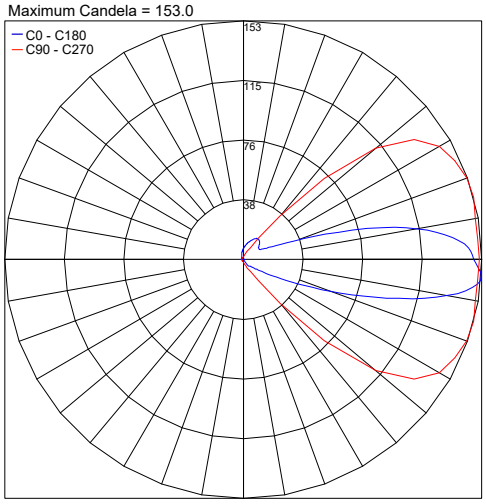
PHOTOMETRIC DATA

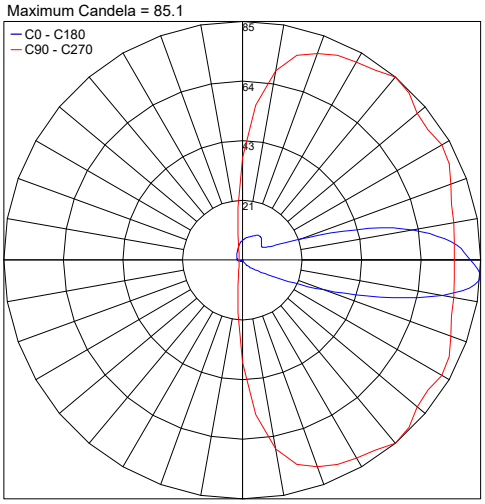
NOTE: All photometry is 3000K

Maximum Candela = 153.0



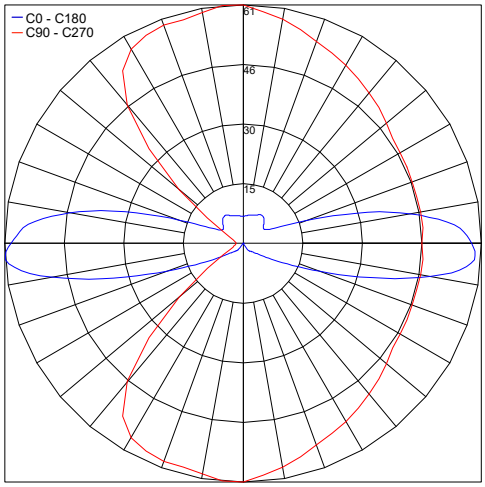
PHOTOMETRIC FILENAME : BULTJIE R-50 30K 90° - PT3021035_.IES

Maximum Candela = 85.1



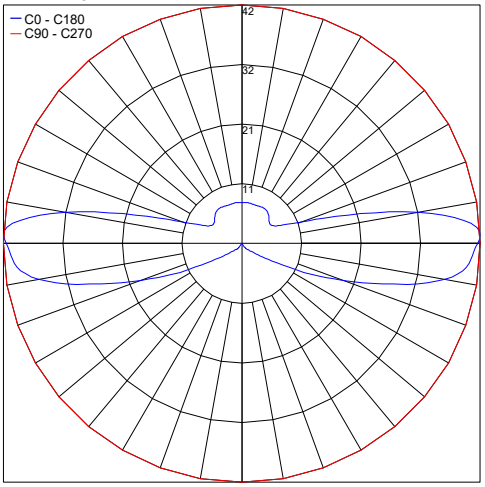
PHOTOMETRIC FILENAME : BULTJIE R-50 30K 180° - PT3021036_.IES

Maximum Candela = 60.7



PHOTOMETRIC FILENAME : BULTJIE R-50 30K 270° - PT3021037_.IES

Maximum Candela = 42.4



PHOTOMETRIC FILENAME : BULTJIE R-50 30K 360° - PT3021038_.IES

Job Name/Date:

Fixture Type Designation:

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