SUELO Adjustable Optics Vandal Resistant

inter·lux

IP67

5500 lb



Contents

2 product configurator housings / drivers

6 photometry



4.4" (8W CC / 9W CV)



6.3" (10W CC)
(HSP: 6.5W CC)
(USP: 10.8W CC)



7.1" / 7.3" (22W ID)



12.1" / 12.4" (48W ID)

General: Suelo is a family of round LED in-grades that includes a broad selection of specialty optics in multiple sizes and outputs, making it possible to find the perfect luminaire to illuminate outdoor architectural elements such as facades, columns as well as landscape and pathway lighting within the same product range.

The standard Suelo R provides maximum output and a selection of accessories to control the emission based on application needs. The Suelo PRO version has a more recessed optical chamber instead, to guarantee the best glare control without the need of any louver.

Lastly, Suelo is also available with a Dual Optic (Double, allowing to aim light at two different areas from one fixture) and in a Telescopic version, with an adjustable aluminum tube that elevates the fixture off the ground, to prevent growing vegetation from blocking the light.

Fixture Body: Open-pore Anodized and Powder Coated Die-Cast Aluminum.

Trim: Semi-Flush Vandal Resistant Trim with Extra-clear Tempered glass, in Stainless Steel or Gunmetal PVD (6.3", 7.3"). Flush Trim Vandal Resistant (Stainless Steel) also available on 7.1" and 12.1".

Mounting/Casing: Black, ABS casings for Concrete installations.

Drive-over: Up to 5,511 lbs.

Dimensions/Weight: 4.4" (1.54 lbs) – 6.3" (2.21 lbs) – 7.1"/ 7.3" (6.61 lbs) – 12.1" / 12.4" (17.6 lbs)

CC version: (4.4", 6.3") Remote 120-277V Constant Current driver 0-10V dimmable down to 0.1%. Less susceptible to voltage drop (up to 200' wiring distance); Fixtures need to be wired in series.

CV version: (4.4") Remote 120-277V Constant Voltage 24VDC. Driver options in 0-10V (typical dim level 10%, dry location) or Non-dim (wet location). Possibility to use higher wattage drivers and feed multiple fixtures with fewer wiring runs; fixtures need to be wired in parallel.

ID version: (7.1", 7.3", 12.1", 12.4") Integral 0-10V driver.

Wattages: 8W CC / 9W CV (4.4") – 10W CC (6.3") – 6.5W CC (6.3" HSP) – 10.8W CC (6.3" USP) – 22W ID (7.1" / 7.3") – 48W ID (12.1" / 12.4")

Cable: Fixture comes with 3.28' of power cable and built-in Aquastop® (anti-wicking) system

IP rating: IP67 for temporary submersion up to 3.3' of depth for up to a maximum of 1 hr.

IK rating: IK 10 (4.4") – IK 10 (6.3") – IK 10 (7.1" / 7.3") – IK 10 (12.1" / 12.4")

ETL Certification: ETL, wet location

Optics: Adjustable (tilt up to 20° on 4.4", 25° on other sizes). Available in Hyper Spot – Ultra Spot – Narrow Spot – Spot – Narrow Flood – Flood – Wide Flood. Honeycomb louver available on 6.3", 7.1"/7.3" and 12.1"/12.4".

Color temperatures: 2700K – 3000K – 4000K.

CRI: 80+

Lumen Maintenance: L70 projections tested at Tj 65° C and Ta 25°.

Warranty: 5-year Limited Warranty on fixtures. 1-year Limited Warranty on Remote Drivers.

Adjustable Optics Delivered Lumens*	4.4" 8W CC / 9W CV	6.3" 7W CC	6.3" 11W CC	6.3" 10W CC	7.1"/ 7.3" 22W ID	12.1"/ 12.4" 48W ID
HSP	–	579	–	–	–	–
USP	–	–	656	–	–	–
NSP	–	–	–	–	–	3161
SP	–	–	–	1353	2323	4603
NFL	625	–	–	1410	–	4595
FL	558	–	–	–	2318	–
WFL	572	–	–	1237	2184	4413

*Values shown for 3000K

Adjustable Optics HoneyComb Delivered Lumens*	6.3" CC	7.1"/7.3" ID	12.1"/12.4" ID
SP	1081	1879	3424
NFL	1065	–	3559
FL	–	1647	–
MWFL	765	1419	2640

*Values shown for 3000K

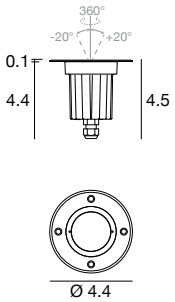
linea light i-LED

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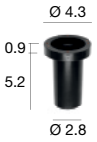
Ordering Information									(Required)
SUR	SFSTVR	A	44					98121	
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**	**Driver**
SUR = Suelo R	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant	A = Adjustable	44 = 4.4"	8-CC = 8W / Constant current (630mA) 9-CV = 9W / Constant Voltage (24VDC)	27 = 2700K 30 = 3000K 40 = 4000K	NFL = Narrow Flood (20°) FL = Flood (30°) WFL = Wide Flood (60°)		98121	CC: ECO30W-630 SOLO50W-630 SOLO100W-630 CV: OT96-D010 EL96-D010 DI96-24V-JBX-DPH-D010

4.4" 8W CC / 9W CV



Housing

98121
Recessed Housing



120/277VAC DRIVER OPTIONS (pick one)

8W CC Driver options (Remote Only), eldoLED 0-10V dimming:

ECO30W-630 (1%)
Max. 3 fixt./driver
Wired in series

SOLO50W-630 (0.1%)
2x Max./output, in series
Total 4x fixt./driver

SOLO100W-630 (0.1%)
2x Max./output, in series
Total 8x fixt./driver

9W CV (24VDC) Driver options (Remote Only), fixtures wired in parallel:

OT96-D010
eldoLED, 10% 0-10V dim, 96W, Dry location

EL96-D010
eldoLED, 0.1% 0-10V dim, 96W, Dry location

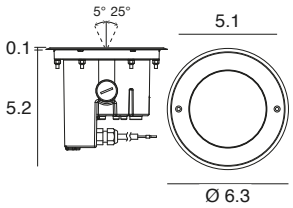
DI96-24V-JBXDPH-D010
0.1% Forward Phase or 0-10V, 96W, Wet location

SUELO Adjustable Optics Vandal Resistant

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Ordering Information									(Required)
SUR			63						
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**	**Driver**
SUR = Suelo R	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant	A = Adjustable	63 = 6.3"	7-CC = 6.5W / Constant current (700mA)	27 = 2700K 30 = 3000K 40 = 4000K	HSP = Hyper Spot (3°)		C-C100039	ECO30W-700 SOLO50W-700 SOLO100W-700
	SFGMTVR = Semi-Flush Gunmetal Trim Vandal Resistant			11-CC = 10.8W / Constant current (400mA)		USP = Ultra Spot (5°)			ECO30W-400 SOLO50W-400 SOLO100W-400
				10-CC = 10W / Constant current (300mA)		SP = Spot (17°) NFL = Narrow Flood (25°) WFL = Wide Flood (52°)			ECO30W-300 SOLO50W-300 SOLO100W-300
		AHC = Adjustable HoneyComb		10-CC = 10W / Constant current (300mA)		SP = Spot (16°) NFL = Narrow Flood (24°) MWFL = Medium Wide Flood (42°)			ECO30W-300 SOLO50W-300 SOLO100W-300

6.3" 10W CC
(HSP: 6.5W CC / USP: 10.8W CC)



Housing

C-C100039
Recessed Housing



120/277VAC DRIVER OPTIONS (pick one)

6.5W (HSP only) CC Driver options (Remote Only), eldoLED 0-10V dimming:

ECO30W-700 (1%)	**SOLO50W-700 (0.1%)**	**SOLO100W-700 (0.1%)**
Max. 4 fixt./driver Wired in series	3x Max./output, in series Total 6x fixt./driver	3x Max./output, in series Total 12x fixt./driver

10.8W (USP only) CC Driver options (Remote Only), eldoLED 0-10V dimming:

ECO30W-400 (1%)	**SOLO50W-400 (0.1%)**	**SOLO100W-400 (0.1%)**
1x fixt./driver	1x Max./output (home-run) Total 2x fixt./driver	1x Max./output (home-run) Total 4x fixt./driver

10W CC Driver options (Remote Only), eldoLED 0-10V dimming:

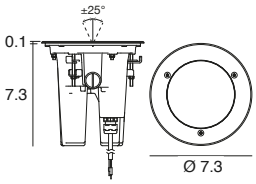
ECO30W-300 (1%)	**SOLO50W-300 (0.1%)**	**SOLO100W-300 (0.1%)**
1x fixt./driver	1x Max./output (home-run) Total 2x fixt./driver	1x Max./output (home-run) Total 4x fixt./driver

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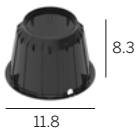
Ordering Information								(Required)
SUR				22 - ID				
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**
SUR = Suelo R	FTVR = Flush Trim Vandal Resistant (St. Steel)	A = Adjustable	71 = 7.1"	22-ID = 22W / Integral driver (120/277VAC, 0-10V)	27 = 2700K 30 = 3000K 40 = 4000K	SP = Spot (16°) FL = Flood (37°) WFL = Wide Flood (51°)		83328 83329 83330
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant SFGMTVR = Semi-Flush Gunmetal Trim Vandal Resistant		73 = 7.3"					83328 83331 83330
	FTVR = Flush Trim Vandal Resistant (St. Steel)	AHC = Adjustable HoneyComb	71 = 7.1"			SP = Spot (15°) FL = Flood (33°) MWFL = Medium Wide Flood (45°)		83328 83329 83330
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant SFGMTVR = Semi-Flush Gunmetal Trim Vandal Resistant		73 = 7.3"					83328 83331 83330

7.1" 22W ID

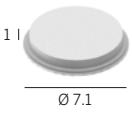


Housings

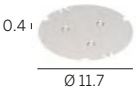
83328
Recessed Housing



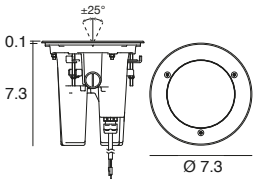
83329
Polystyrene installation template (top) for FT



83330
Housing bottom plate

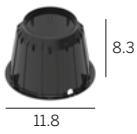


7.3" 22W ID

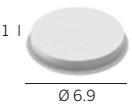


Housings

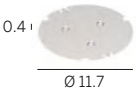
83328
Recessed Housing



83331
Polystyrene installation template (top) for SFST



83330
Housing bottom plate

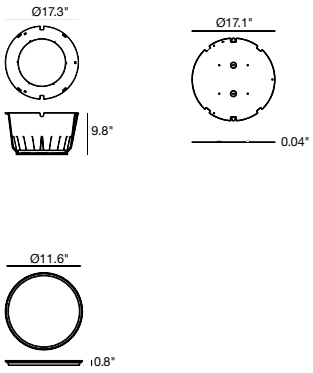


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Ordering Information								(Required)
SUR				48 - ID				
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**
SUR = Suelo R	FTVR = Flush Trim Vandal Resistant (St. Steel)	A = Adjustable	121 = 12.1"	48-ID = 48.2W / Integral driver (120/277VAC, 0-10V)	27 = 2700K 30 = 3000K 40 = 4000K	NSP = Narrow Spot (7°) SP = Spot (19°) NFL = Narrow Flood (24°) WFL = Wide Flood (61°)		83096 83098 93099
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant		124 = 12.4"					83096 83097 93099
	FTVR = Flush Trim Vandal Resistant (St. Steel)	AHC = Adjustable HoneyComb	121 = 12.1"			SP = Spot (17°) NFL = Narrow Flood (22°) MWFL = Medium Wide Flood (49°)		83096 83098 93099
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant		124 = 12.4"					83096 83097 93099

12.1" 48W ID

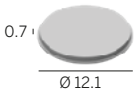


Housings

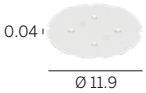
83096
Recessed Housing



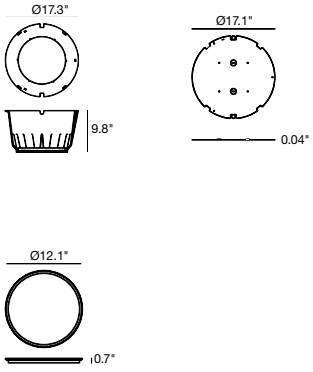
83098
Polystyrene installation template (top) for FT



93099
Housing bottom plate



12.4" 48W ID

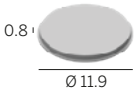


Housings

83096
Recessed Housing



83097
Polystyrene installation template (top) for SFST



93099
Housing bottom plate

