SUELO Fixed Optics Vandal Resistant

inter·lux

IP67

5500 lb



Contents

2 product configurator diagrams / drivers

7 photometry



4.4" (8W CC / 9W CV)
(HSP: 2CC / 3CV)



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 (Stainless Steel, Brass or Gunmetal) Trim with Extra-clear Tempered glass.
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") – 2W CC / 3W CV (4.4" HSP) – 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: Fixed. Available in Hyper Spot – Ultra Spot – Narrow Spot – Spot – Narrow Flood – Flood – Wide Flood – Medium Wide Flood – Elliptical Spot – Diffused. Some variants can also mount Honeycomb and Dark Light, anti-glare accessories.
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.

Fixed Optics Delivered Lumens*	4.4" 2W CC / 3W CV	4.4" 8W CC	4.4" 9W CV	6.3" 7W CC	6.3" 10W CC	6.3" 11W CC	7.1"/ 7.3" 22W ID	12.1"/ 12.4" 48W ID
HSP	151	–	–	579	–	–	–	–
USP	–	–	–	–	–	656	–	–
NSP	–	613	613	–	–	–	–	3161
SP	–	1007	926	–	1353	–	2448	4603
NFL	–	1031	948	–	1410	–	–	4595
FL	–	–	–	–	–	–	2438	–
WFL	–	1018	936	–	1237	–	2278	4413
MWFL	–	–	–	–	–	–	–	–
ELSP	–	807	742	–	–	–	–	–
DI	–	83	76	–	–	–	–	–

*Values shown for 3000K

Fixed Honey-Comb Delivered Lumens*	4.4" 8W CC	4.4" 9W CV	6.3" 10W CC	7.1" / 7.3" 22W ID	12.1"/ 12.4" 48W ID
NSP	469	469	–	–	–
SP	798	733	1081	1985	3424
NFL	803	738	1065	–	3559
FL	–	–	–	1810	–
MWFL	691	635	765	1540	2640

*Values shown for 3000K

Fixed DarkLight Delivered Lumens*	7.1" / 7.3" 22W ID
SP	1647
FL	1299
MWFL	1146

*Values shown for 3000K

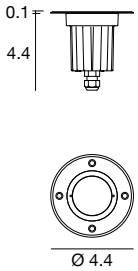
linea light i-LED

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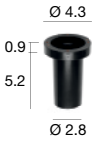
Ordering Information									(Required)
SUR		F	44			HSP		98121	
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**	**Driver**
SUR = Suelo R	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant SFBTVR = Semi-Flush Brass Trim Vandal Resistant SFGMTVR = Semi-Flush Gunmetal Trim Vandal Resistant	F = Fixed	44 = 4.4"	2-CC = 2W / Constant current (630mA) 3-CV = 3W / Constant Voltage (24VDC)	27 = 2700K 30 = 3000K 40 = 4000K	HSP = Hyper Spot (3°)		98121	CC: ECO30W-630 SOLO50W-630 SOLO100W-630 CV: OT96-D010 EL96-D010 DI96-24V-JBX-DPH-D010

4.4" 2W CC / 3W CV



Housing

98121
Recessed Housing



120/277VAC DRIVER OPTIONS (pick one)

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

ECO30W-630 (1%)	**SOLO50W-630 (0.1%)**	**SOLO100W-630 (0.1%)**
Max. 10 fixt./driver Wired in series	10x Max./output, in series Total 20x fixt./driver	10x Max./output, in series Total 40x fixt./driver

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

OT96-D010	**EL96-D010**	**DI96-24V-JBXDPH-D010**
eldoLED, 10% 0-10V dim, 96W, Dry location	eldoLED, 0.1% 0-10V dim, 96W, Dry location	0.1% Forward Phase or 0-10V, 96W, Wet location

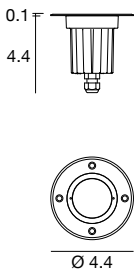
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Ordering Information								(Required)
SUR	SFSTVR		44			NSP	98121	
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+ Housing**	**Driver**
SUR = Suelo R	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant	F =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

Ordering Information								(Required)
SUR	SFSTVR		44				98121	
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+ Housing**	**Driver**
SUR = Suelo R	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant	F = Fixed	44 = 4.4"	8-CC = 8W / Constant current (220mA) 9-CV = 9W / Constant Voltage (24VDC)	27 = 2700K 30 = 3000K 40 = 4000K	SP = Spot (15°) NFL = Narrow Flood (26°) WFL = Wide Flood (50°) ELSP = Ellip. Spot (15°x47°) DI = Diffused/Frosted (112°)	98121	CC: ECO30W-220 SOLO50W-220 SOLO100W-220 CV: OT96-D010 EL96-D010 DI96-24V-JBX-DPH-D010
		FHC = Fixed HoneyComb				SP = Spot (14°) NFL = Narrow Flood (24°) MWFL = Medium Wide Flood (43°)		

4.4" 8W CC / 9W CV



Housing

98121
Recessed Housing



120/277VAC DRIVER OPTIONS (pick one)

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

ECO30W-630 (1%)	**SOLO50W-630 (0.1%)**	**SOLO100W-630 (0.1%)**
Max. 3 fixt./driver Wired in series	2x Max./output, in series Total 4x fixt./driver	2x Max./output, in series Total 8x fixt./driver

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

ECO30W-220 (1%)	**SOLO50W-220 (0.1%)**	**SOLO100W-220 (0.1%)**
1x fixt./driver	1x Max./output (home-run) Total 2x fixt./driver	1x Max./output (home-run) Total 4x fixt./driver

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

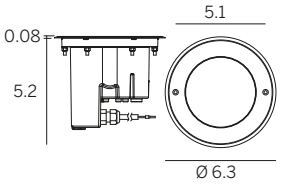
OT96-D010	**EL96-D010**	**DI96-24V-JBXDPH-D010**
eldoLED, 10% 0-10V dim, 96W, Dry location	eldoLED, 0.1% 0-10V dim, 96W, Dry location	0.1% Forward Phase or 0-10V, 96W, Wet location

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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	F = Fixed	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
		FHC = Fixed 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	3x Max./output, in series	3x Max./output, in series
Wired in series	Total 6x fixt./driver	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%)**
Max. 1 fixt./driver	1x Max./output (home-run)	1x Max./output (home-run)
Wired in series	Total 2x fixt./driver	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%)**
Max. 1 fixt./driver	1x Max./output (home-run)	1x Max./output (home-run)
Wired in series	Total 2x fixt./driver	Total 4x fixt./driver

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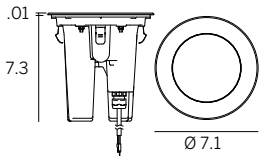
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Ordering Information								(Required)
SUR		F		22 - ID				
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**
SUR = Suelo R	FTVR = Flush Trim Vandal Resistant (St. Steel)	F = Fixed	71 = 7.1" 73 = 7.3"	22-ID = 22W / Integral driver (120/277VAC, 0-10V)	27 = 2700K 30 = 3000K 40 = 4000K	SP = Spot (16°) FL = Flood (37°) WFL = Wide Flood (52°)		83328 83329 83330
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant							83328 83331 83330

Ordering Information								(Required)
SUR		FHC		22 - ID				
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**
SUR = Suelo R	FTVR = Flush Trim Vandal Resistant (St. Steel)	FHC = Fixed HoneyComb	71 = 7.1" 73 = 7.3"	22-ID = 22W / Integral driver (120/277VAC, 0-10V)	27 = 2700K 30 = 3000K 40 = 4000K	SP = Spot (15°) FL = Flood (34°) MWFL = Medium Wide Flood (46°)		83328 83329 83330
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant							83328 83331 83330

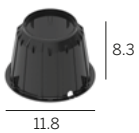
Ordering Information								(Required)
SUR		FDL		22 - ID				
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**
SUR = Suelo R	FTVR = Flush Trim Vandal Resistant (St. Steel)	FDL = Fixed DarkLight	71 = 7.1" 73 = 7.3"	22-ID = 22W / Integral driver (120/277VAC, 0-10V)	27 = 2700K 30 = 3000K 40 = 4000K	SP = Spot (15°) FL = Flood (33°) MWFL = Medium Wide Flood (42°)		83328 83329 83330
	SFSTVR = Semi-Flush St. Steel Trim Vandal Resistant							83328 83331 83330

7.1" 22W ID

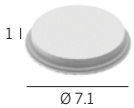


Housings

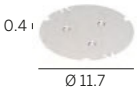
83328
Recessed Housing



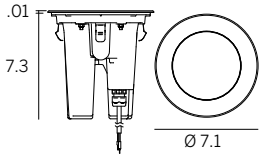
83329
Polystyrene installation template (top) for FT



83330
Housing bottom plate

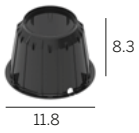


7.3" 22W ID

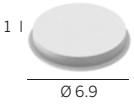


Housings

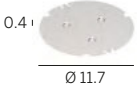
83328
Recessed Housing



83331
Polystyrene installation template (top) for SFST



83330
Housing bottom plate



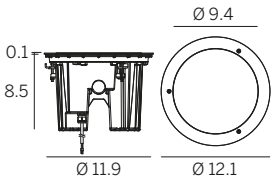
linea light i-LED

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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)	F = Fixed	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)	FHC = Fixed 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

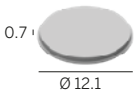


Housings

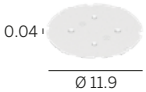
83096
Recessed Housing



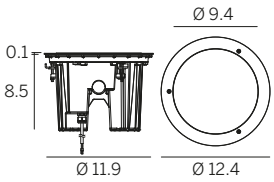
83098
Polystyrene installation template (top) for FT



93099
Housing bottom plate



12.4" 48W ID

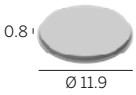


Housings

83096
Recessed Housing



83097
Polystyrene installation template (top) for SFST



93099
Housing bottom plate

