SUELO Adjustable Optics

inter·lux

IP67

5500 lb



Contents

2 product configurator housings / drivers

4 photometry



2.5" SFST (4.5/5W)



3.5" SFST (8/9W)



2.5" SFBT (4.5/5W)



7.1"/7.3" 22W 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 (2.5", 3.5", 7.1"/7.3").

Trim: Semi-Flush Trim with Extra-clear Tempered glass, in Stainless Steel, OT58 Raw Brass (2.5" only; brass is untreated and will patina naturally) or Gunmetal (2.5", 7.3"). Flush Trim (Stainless Steel or Gunmetal) also available on 7.1".

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

Drive-over: Up to 5,511 lbs.

Dimensions/Weight: 2.5" (0.68 lbs) – 3.5" (1.50 lbs) – 7.1"/7.3" (6.6 lbs)

CC version: (2.5", 3.5") 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: (2.5", 3.5") 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") Integral driver (120/277VAC, 0-10V)

Wattages: 4.5W CC / 5W CV (2.5") – 8W CC / 9W CV (3.5") – 22W ID (7.1"/7.3")

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 09 (2.5") – IK 10 (3.5") – IK 10 (7.1"/7.3")

ETL Certification: ETL, wet location

Optics: Adjustable: 360° rotation, ±20° tilt (±25° on 7.1"/7.3"). Available in Spot – Narrow Flood – Flood – Wide Flood. 7.1"/7.3" also available with Honeycomb louver (Spot – Flood – Medium Wide Flood).

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 Delivered Lumens*	2.5" CC/CV	3.5" CC/CV	7.3" ID
SP	411	–	2323
NFL	359	625	–
FL	–	558	2318
WFL	325	572	2184

*Values shown for 3000K

Adjustable HoneyComb Delivered Lumens*	7.3" ID
SP	1879
FL	1647
MWFL	1419

*Values shown for 3000K

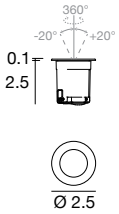
linea light i-LED

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Ordering Information									(Required)
SUR		A	25					84936	
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**	**Driver**
SUR = Suelo R	SFST = Semi-Flush St. Steel Trim SFBT = Semi-Flush Brass Trim SFGMT = Semi-Flush Gunmetal Trim	A = Adjustable	25 = 2.5"	5-CC = 4.5W / Constant current (500mA) 5-CV = 5W / Constant Voltage (24VDC)	27 = 2700K 30 = 3000K 40 = 4000K	SP = Spot (21°) NFL = Narrow Flood (27°) WFL = Wide Flood (53°)		84936	CC: ECO30W-500 SOLO50W-500 SOLO100W-500 CV: OT96-D010 EL96-D010 DI96-24V-JBX-DPH-D010

2.5" 4.5W CC / 5W CV



Housing

84936
Recessed Housing



120/277VAC DRIVER OPTIONS (pick one)

4.5W CC Driver options (Remote Only), eldoLED 0-10V dimming:

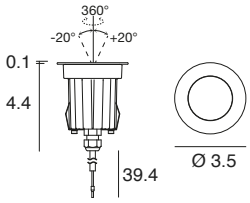
ECO30W-500 (1%)	SOLO50W-500 (0.1%)	SOLO100W-500 (0.1%)
Max. 5 fixt./driver Wired in series	4x Max./output, in series Total 8x fixt./driver	4x Max./output, in series Total 16x fixt./driver

5W 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

Ordering Information									(Required)
SUR	SFST	A	35					99680	
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**	**Driver**
SUR = Suelo R	SFST = Semi-Flush St. Steel Trim	A = Adjustable	35 = 3.5"	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°)		99680	CC: ECO30W-630 SOLO50W-630 SOLO100W-630 CV: OT96-D010 EL96-D010 DI96-24V-JBX-DPH-D010

3.5" 8W CC / 9W CV



Housing

99680
Recessed Housing



120/277VAC DRIVER OPTIONS (pick one)

8W 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

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

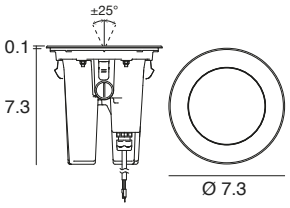
OT96-D010	EL96-D010	DI96-24V-JBXDPH-D010
eldoLED, 10% 0-10V dim, 96W, Dry location	eldoLED, 0.1% 0-10V dim, 96W, Dry location	0.1% Forward Phase or 0-10V, 96W, Wet location

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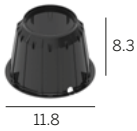
Ordering Information								(Required)
SUR				22 - ID				
Product	**Trim**	**Type**	**Diameter**	**Wattage/Operation**	**Color Temp**	**Optic**	**+**	**Housing**
SUR = Suelo R	FT = Flush Trim (St. Steel) FTGM = Flush Trim (Gunmetal) SFST = Semi-Flush St. Steel Trim SFGMT = Semi-Flush Gunmetal Trim	A = Adjustable	71 = 7.1" (FT/FTGM) 73 = 7.3" (SFST/SFGMT)	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 (FT/FTGM) 83331 (SFST/SFGMT) 83330
		AHC = Adjustable HoneyComb				SP = Spot (15°) FL = Flood (33°) MWFL = Medium Wide Flood (45°)		

7.1"/7.3" 22W ID

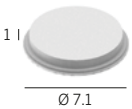


Housings

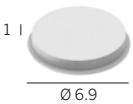
83328
Recessed Housing



83329
Polystyrene installation template (top) for FT



83331
Polystyrene installation template (top) for SFST



83330
Housing bottom plate

