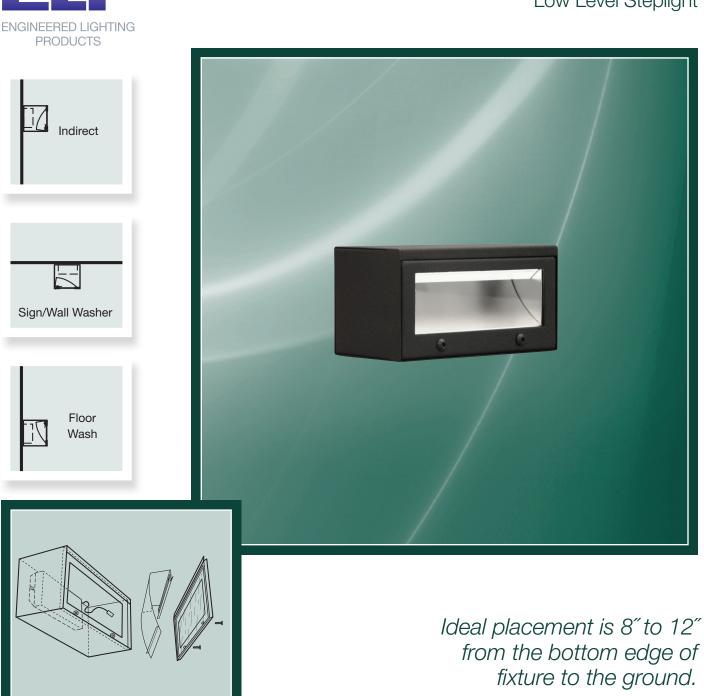
LS-EXS LED SERIES

SURFACE Mount Exterior Wet Location Low Level Steplight



System

Small, wet location, low level LED steplights with a shallow recess depth of only 3". Their unique, indirect optical design provides a soft asymmetric wash of light on the walkway while consuming less than 5 watts.

LS-EXS LED SERIES





Specifications

Small, surface mount, low level LED steplight for exterior, wet location installation. The 3" deep fixture is available in 2 or 4 watts and has a formed diffuse silver reflector of high purity aluminum (99.9%) with a 97% reflectance. The indirect design provides a soft asymmetric wash of light on the walkway. It utilizes Osram HF2 Narrow Stick LED modules that are 85+ CRI and rated 50,000 hour lamp life.

Housing is made of 18 gauge electro-plated galvanized steel, which is post painted with a primer coat of $3M^{TM}$ ScotchkoteTM The fusion bonded epoxy primer protects metal from corrosion. Then the housing is TGIC polyester powder coated making it suitable for exterior installations. Formed aluminum face plate attaches with screws and recesses into the housing to mount flush with the housing face. The face plate has a gasketed 1/8" polycarbonate lens.

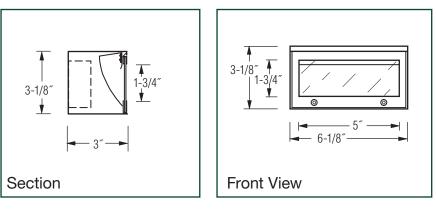
c/CSA/us Wet Location Listed – Made in the USA

Options

Driver	120/277 volt Electronic						
Finish	Black (Standard)						
	Bronze -BZ						
	Custom -Custom						
Fixture	Electro-Plated Galvanized Steel (Standard)						
	Stainless Steel -SS						
Reflector	Diffuse Silver 97 (Standard)						
Lens	Clear Acrylic Full Lens (Standard)						
	Frosted Acrylic Full Lens -FLF						
	Clear Acrylic w/ Light Shield -WLC						
	(Wildlife – Shield w/ Amber Light)						
LED	Must Specify *						
	2700K -27K						
	3000K -30K						
	3500K -35K						

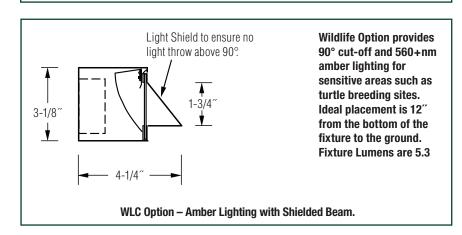
Note: All LED luminaires are provided standard with driver with -20° starting and have a 5 year warranty.

4000K -40K



Model No.	Lamp	Fixture Lumens
12W1LS-EXS-(*K)	2w LEDs	47
14W1LS-EXS-(*K)	4w LEDs	93

		(2) Fixtures				Light Levels on the Ground					
どの12											
0.9	0.9	0.1	0.1	0.9	0.9	0.1	0.0	11			
2.0	2.0	0.5	0.5	2.0	2.0	0.4	0.1				
2.3	2.3	0.7	0.7	2.3	2.3	0.6	0.1				
1.5	1.5	0.7	0.7	1.5	1.5	0.6	0.1				
0.9	0.9	0.6	0.6	0.9	0.9	0.4	0.2	10′			
0.5	0.6	0.5	0.5	0.6	0.5	0.3	0.1				
0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.1				
0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1				
0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1				
0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1				
<i>x</i> − 2 [°] − <i>x</i> 20 [°] − <i>x y y y y y y y y y y</i>											
	2.0 2.3 1.5 0.9 0.5 0.3 0.2 0.2 0.1 r	0.9 0.9 2.0 2.0 2.3 2.3 1.5 1.5 0.9 0.9 0.5 0.6 0.3 0.4 0.2 0.3 0.2 0.2 0.1 0.1 r	8'0 12" from Gro 0.9 0.9 0.1 2.0 2.0 0.5 2.3 2.3 0.7 1.5 1.5 0.7 0.9 0.9 0.6 0.5 0.6 0.5 0.3 0.4 0.3 0.2 0.2 0.2 0.1 0.1 0.2	8' O.C. / 12" from Ground to L 0.9 0.9 0.1 0.1 2.0 2.0 0.5 0.5 2.3 2.3 0.7 0.7 1.5 1.5 0.7 0.7 0.9 0.9 0.6 0.6 0.5 0.6 0.5 0.5 0.3 0.4 0.3 0.3 0.2 0.2 0.2 0.2 0.1 0.1 0.2 0.2	8' 0.C. / 12" from Ground to Lamp 0.9 0.9 0.1 0.1 0.9 2.0 2.0 0.5 0.5 2.0 2.3 2.3 0.7 0.7 2.3 1.5 1.5 0.7 0.7 1.5 0.9 0.9 0.6 0.6 0.9 0.5 0.6 0.5 0.5 0.6 0.3 0.4 0.3 0.3 0.4 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.1	12" from Ground to Lamp 0.9 0.9 0.1 0.1 0.9 0.9 2.0 2.0 0.5 0.5 2.0 2.0 2.3 2.3 0.7 0.7 2.3 2.3 1.5 1.5 0.7 0.7 1.5 1.5 0.9 0.9 0.6 0.6 0.9 0.9 0.5 0.6 0.5 0.5 0.6 0.5 0.3 0.4 0.3 0.3 0.4 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.1 0.1	B O.C. / 12" from Ground to Lamp Image: Constraint of the second se	It S O.C. I Lamp 0.9 0.9 0.1 0.1 0.9 0.9 0.1 0.0 2.0 2.0 0.5 0.5 2.0 2.0 0.4 0.1 2.3 2.3 0.7 0.7 2.3 2.3 0.6 0.1 1.5 1.5 0.7 0.7 1.5 1.5 0.6 0.1 0.9 0.9 0.6 0.6 0.9 0.9 0.4 0.2 0.5 0.6 0.5 0.5 0.6 0.5 0.3 0.1 0.3 0.4 0.3 0.3 0.4 0.3 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.2 0.3 0.3 0.3 0.3 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.2			



© 2016 Engineered Lighting Products. 2013/Rev.2016

10768 Lower Azusa Rd., El Monte, CA 91731 • TEL: 626-579-0943 • FAX: 626-579-6803 E-MAIL: contact@elplighting.com • WEB: www.elplighting.com