



LS25 / LS29 HANDRAIL PUCK

The LS25 and LS29 are 1.9 inch LED handrail pucks designed for Handrail illumination for both interior and exterior applications. Select from round (LS25) and square (LS29) styles with symmetric and asymmetric optics. Designed in the United States.

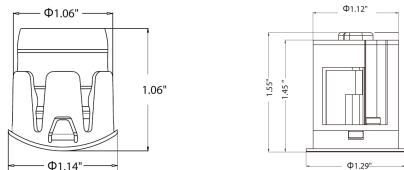
PRODUCT HIGHLIGHTS

- **BINNING:** ± 50K
- **CRI:** 90+
- **LUMEN:** 137 lm
- **WATTAGE:** 1.5 watt
- **EXPECTED LIFETIME:** L70 > 50,000 hours
- **OPERATING TEMP:** 22 °F to 131 °F
- **RATING:** CE
- **VOLTAGE:** 24V
- **WARRANTY:** 3 Years
- **DIMMABLE:** Low Voltage / 0-10V

AVAILABLE COLORS

- Extra Warm White 2700K
- Warm White 3000K
- Cool White 3500K ¹
- Natural White 4000K
- Daylight White 5000K
- Cold White 6500K
- Amber ¹
- RGB ¹

¹ Minimum Order Qty required



CHARACTERISTICS

Model	Power	Lumen	Units Per Run	MAX Run Length	Dimming
LS25/LS29	1.5 w	137 lm	30	50 ft	Low Voltage / 0-10V

Notes:
Lumen calculated at 4000K. Units Per Run refers to the number of fixtures allowed on 1 run, linked together. Max Run Length refers to the total run length from the Power Supply to the LAST fixture on the run. Circuits with LEDscape product must have surge protection to qualify for 3 year warranty.

ORDERING CHART

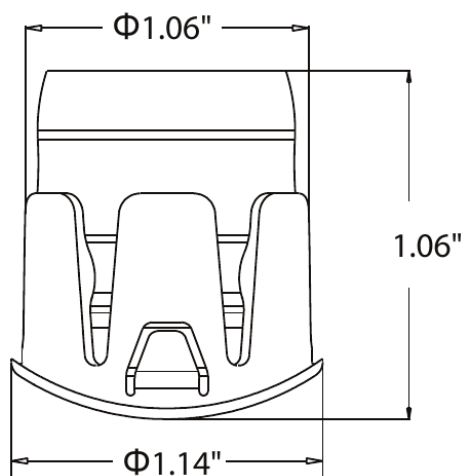
Example: LS25-SYM-30-24

Model		Optics		Color		Voltage	
LS25	1.9" Round Handrail Puck	SYM	Symmetric	27	2700k	24	24v
LS29	1.9" Square Handrail Puck	ASYM	Asymmetric	30	3000k		
				35	3500k ¹		
				40	4000k		
				50	5000k		
				65	6500k		
				A	Amber ¹		
				RGB	RGB ¹		

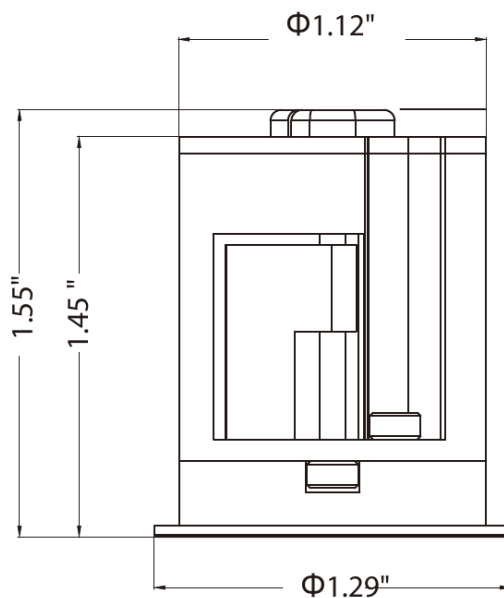
Note: ¹ Minimum Order Qty required, consult with factory.

DIMENSIONS

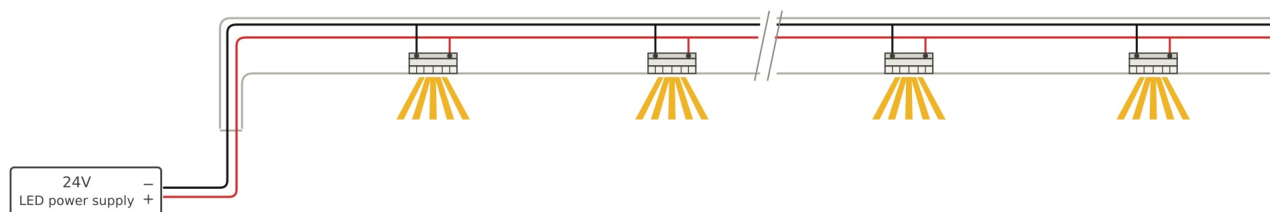
LS25 Round



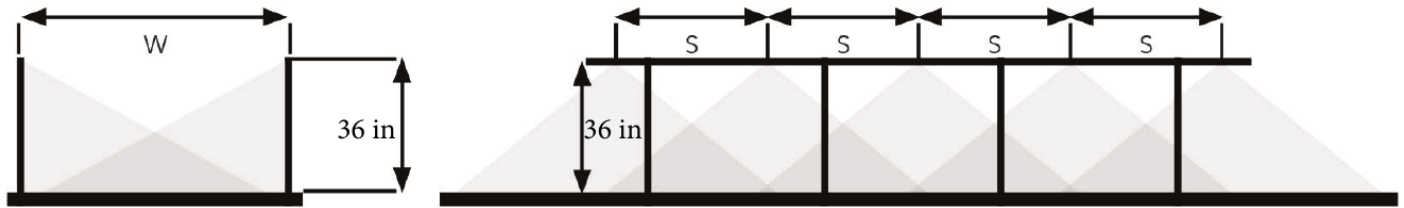
LS29 Square



WIRING DIAGRAM



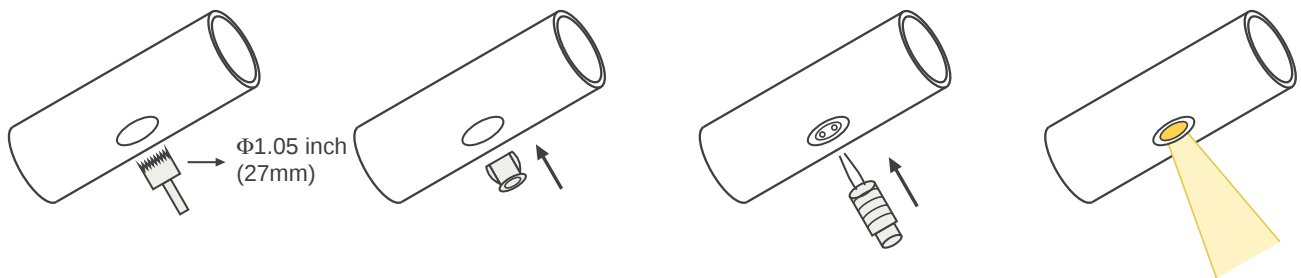
PLANNING EXAMPLE - LS25



Path Width (W) / LED Spacing (S)	48 inch	78 inch	118 inch	157 inch
19 inch	194 lux	138 lux	93 lux	69 lux
39 inch	97 lux	69 lux	47 lux	35 lux
78 inch	55 lux	39 lux	26 lux	20 lux

INSTALL AND COMPATIBILITY - LS25

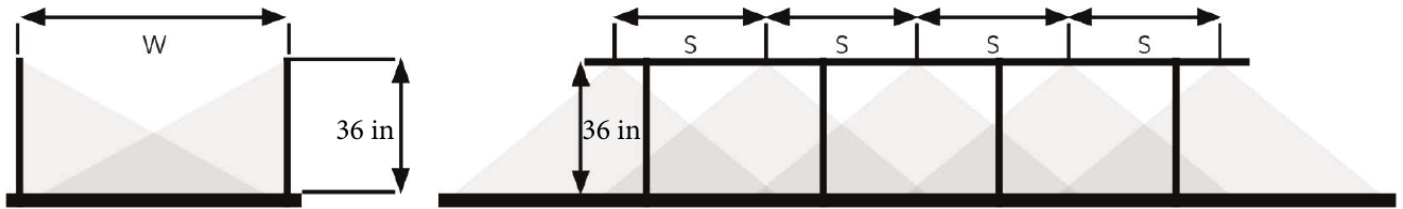
LS25 Round - Suitable for standard Ø 1.9 - 2.5 inch handrail with wall thickness 0.39 - 0.06 inch, for a Ø27mm hole.



TOOLS & ACCESSORIES (not included)

Product	Part Number	Description
	LS25Wholesaw	Whole Saw for LS25
	LS25Removal	Removal tool for LS25 (1 included with order)
	3MUY2	3M UY2 connector
	3M567	3M 567 connector

PLANNING EXAMPLE - LS29



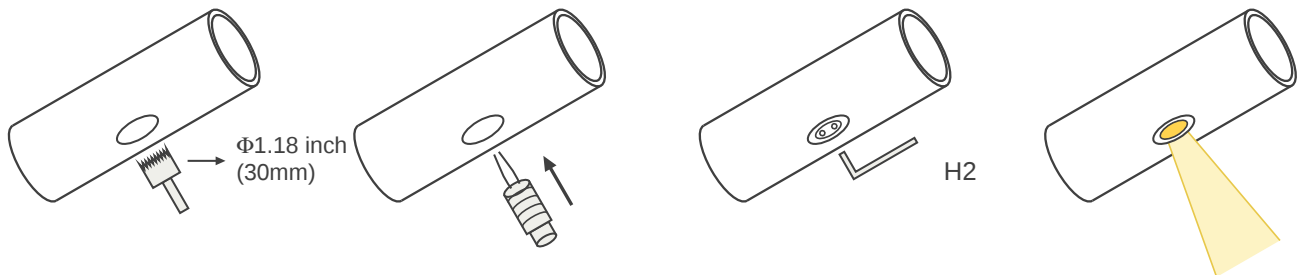
Path Width (W) / LED Spacing (S)	48 inch	78 inch	118 inch	157 inch
19 inch	169 lux	120 lux	81 lux	60 lux
39 inch	86 lux	61 lux	41 lux	31 lux
78 inch	49 lux	35 lux	24 lux	18 lux

INSTALL AND COMPATIBILITY - LS29

Suitable for standard handrail made by stainless steel and aluminum within the following tolerance:

Standard Ø 1.9 - 1.95 inch (48 - 50mm)

Wall thickness .12 - .01 inch (3 - .8mm)



TOOLS & ACCESSORIES (not included)

Product	Part Number	Description
	LS29Wholesaw	Whole Saw for LS29
	3MUY2	3M UY2 connector
	3M567	3M 567 connector



LEDSCAPE OUTDOOR POWER SUPPLY

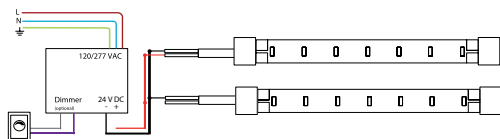
The LEDscape Series of Constant Voltage Class 2 LED Drivers from offers both cETLus style enclosures. The enclosure has a built-in junction box on both the input and output. These drivers are IP68 and are suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series of drivers are designed for commercial, industrial and residential applications. Our 5in1 smooth flicker-free linear dimming down to 1% and a wide variety of compatible dimmers, including 0-10V, Magnetic and Low voltage.

PRODUCT HIGHLIGHTS

- **INPUT VOLTAGE:** 120/277 V
- **OUTPUT VOLTAGE:** Variable 18-25V
- **INPUT FREQUENCY:** 50/60 HZ
- **OPERATING TEMP:** -13°F – 104°F
- **DEGREE OF PROTECTION (IP):** IP68
- **DIMMABLE:** to 1%
- **CLASS 2:** All sizes
- **LOAD REQUIREMENTS:** 10%

Note: If using outdoor, verify contractor use included water and moisture tight enclosure. Not direct burial rated.

POWER AND CONNECTION DIAGRAM



POWER SUPPLY = Product Wattage X Length

24 Nominal supply voltage of LEDscape in Volt
Recommended MAC output of power supply 80%

To calculate MAX run distance from Power Supply to LED
reference power drop chart : [Here](#).

CHARACTERISTICS

Power	Output Current	Efficiency	Power Factor	Dimensions
30W	1250mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
60W	2600mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
96W	4800mA	> 86%	>0.95	8.50" L X 3.66" W X 1.65"H
120W (2x60 watt)	5000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
192W (2x96 watt)	8000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
288W (3x96 watt)	8000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65" H
384W (4x96 watt)	16000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65" H

ORDERING CHART

NOTE: View additional options [here](#).

Ordering Example: PS-24-O-D3-60-U

Series		Output Voltage		Environment		Dimming		Wattage		Voltage Input	
PS	Power supply	24	24V	O	Outdoor/Indoor	ND	Non Dimming	30	10-30W	U	120/277V
						D3	5 in 1 Dimming	60	31-60W		
								96	61-96W		
								120	97-120W		
								192	121-192W		
								288	193-288W		
								384	289-384W		
								CU	Custom Output		

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