



LS30 HANDRAIL LINEAR POD

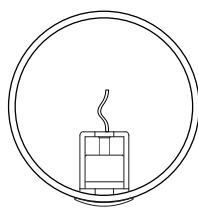
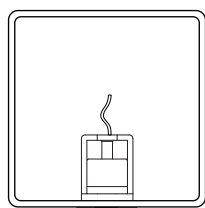
The LEDscape Linear Handrail POD is a revolutionary LED based handrail luminaire that provides functional lighting for a safe indoor and outdoor handrail environment. The LEDscape Linear Handrail fixture can attach to any new or existing handrail of 1.9 - 2.0 inch (round) and 1.18 or larger(square).

PRODUCT HIGHLIGHTS

- **POWER:** 0.5 - 3.5 watt
- **LUMEN:** 35 - 245
- **CORD LENGTH:** 4 in
- **CRI:** >90
- **BINNING:** ± 50K
- **EXPECTED LIFETIME:** L70 > 80,000 hours
- **OPERATING TEMP:** -22 °F to 131 °F
- **DEGREE OF PROTECTION:** IP65
- **OPERATING VOLTAGE:** 24 - 25V
- **DIMMABLE:** Low Voltage / 0-10V
- **RATING:** CE
- **MATERIAL:** aluminum
- **COLOR:** Brushed (mil), custom per request

AVAILABLE COLORS

- Ultra Warm White 2400K
- Extra Warm White 2700K
- Warm White 3000K
- Natural White 4000K
- Cold White 6500K



CHARACTERISTICS

Model	Length	Power	Lumen	Cord Length	Dimming
LS30	3.35 inch	0.5w	35 lm	4 inch	Triac, ELV & 0-10V
	7.28 inch	1.5w	105 lm		
	11.22 inch	2.5w	175 lm		
	15.60 inch	3.5w	245 lm		

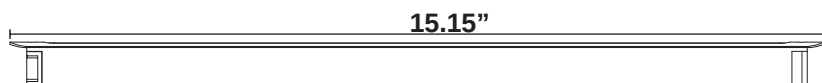
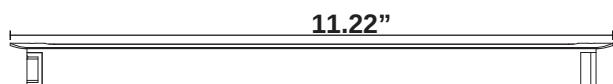
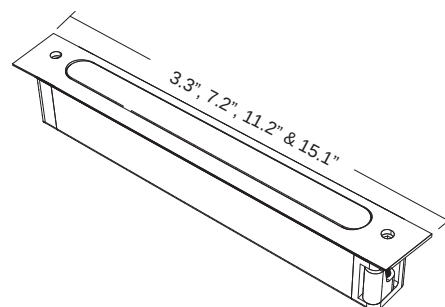
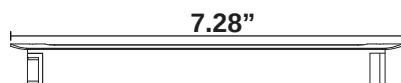
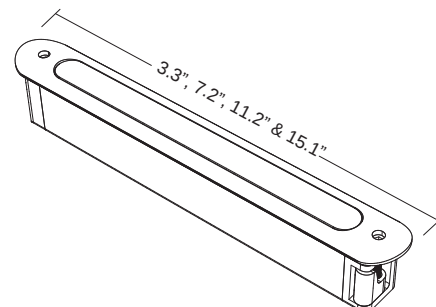
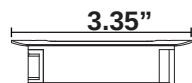
Notes:
Lumen calculated at 3000K. LEDscape reserves the right to modify the information above without notice.
Circuits with LEDscape product must have surge protection to qualify for 3 year warranty.

ORDERING CHART

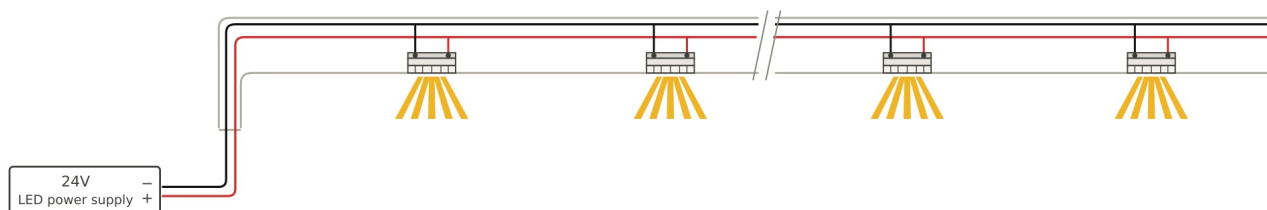
Example: LS30-R-15-30-40-SYM

Product Code	Type		Length		Color		Optics	
LS30	R	Round	3	3 in.	24	2400K	Sym	Symmetric 110°
	S	Square	7	7 in.	27	2700K	CU	Custom
			11	11 in.	30	3000K		
			15	15 in.	35	3500K		
					40	4000K		
					65	6500K		
					CU	custom		

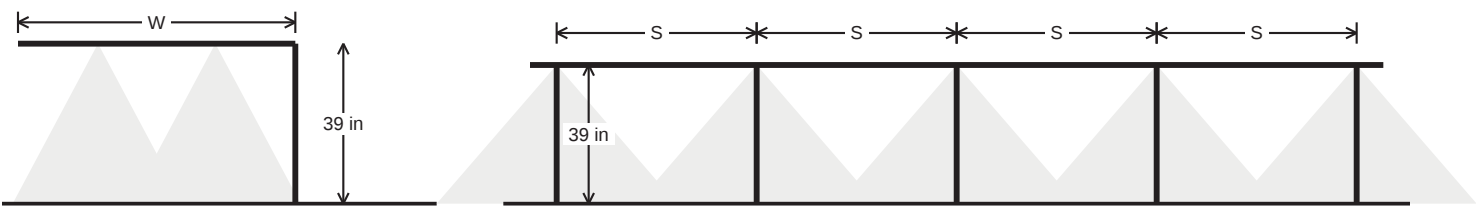
DIMENSIONS



WIRING DIAGRAM



PLANNING EXAMPLE



Path Width (W) LED Spacing (S)	48 inch	78 inch	118 inch	157 inch
19 inch	131 lux	120 lux	93 lux	72 lux
39 inch	66 lux	60 lux	47 lux	36 lux
78 inch	38 lux	35 lux	27 lux	21 lux

INSTALL AND COMPATIBILITY

1

Cut Length

LS30-R-3: 2.83"

LS30-R-7: 6.77"

LS30-R-11: 10.71"

LS30-R-15: 14.65"

Cut Width

0.57"-0.59"

2

3

H3 hex key

Inside the rail

Clamp

Suits standard Ø1.89"-2.05" round handrail, wall thickness 0.03"-0.12"

1

Cut Length

LS30-S-3: 2.83"

LS30-S-7: 6.77"

LS30-S-11: 10.71"

LS30-S-15: 14.65"

Cut Width

0.57"-0.59"

2

3

H3 hex key

Inside the rail

Clamp

Suits standard ≥1.18" × 1.18" square handrail, wall thickness 0.03"-0.12"



LEDSCAPE OUTDOOR POWER SUPPLY

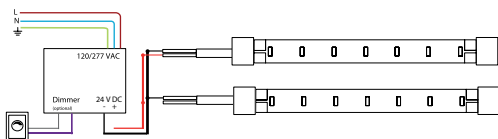
The LEDscape Series of Constant Voltage Class 2 LED Drivers from offers both cETLus style enclosures. The enclosure has a built-in junction box on both the input and output. These drivers are IP68 and are suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series 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](#).

ORDERING CHART

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

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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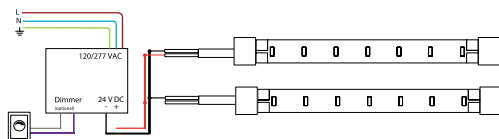
LEDSCAPE OUTDOOR VAULT POWER SUPPLY

The LEDscape Vault Series of Constant Voltage Class 2 LED are powered by QTL Q-Vault enclosure and power supply. The system is class 2, IP68 and are suitable for all direct burial applications. With universal input voltage ranging from 120 to 277VAC, this series is designed for commercial, industrial and residential applications. Pick from Magnetic to Electronic dimming with a wide variety of compatible dimmers, including 0-10V and Magnetic low voltage.

PRODUCT HIGHLIGHTS

- **INPUT VOLTAGE:** 120/277 V
- **OUTPUT VOLTAGE:** Variable 24V
- **INPUT FREQUENCY:** 50/60 HZ
- **OPERATING TEMP:** -13°F – 104°F
- **BAA & BABA**
- **DEGREE OF PROTECTION (IP):** IP68, Direct Burial
- **DIMMABLE:** Magnetic, 0-10V
- **CLASS 2:** All sizes
- **LOAD REQUIREMENTS:** 10%

POWER AND CONNECTION DIAGRAM



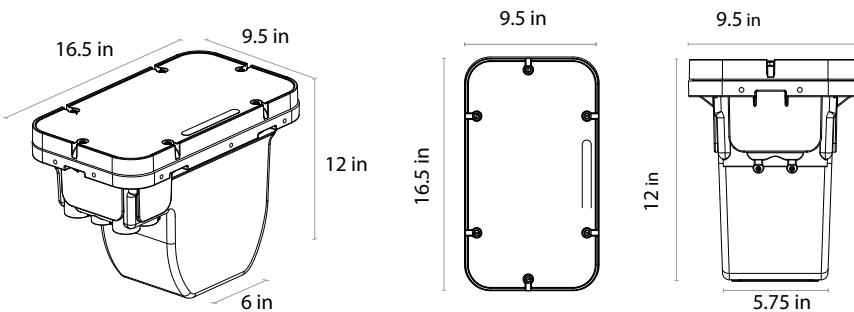
$$\text{POWER SUPPLY} = \text{Product Wattage} \times \text{Length} \times 120 \times \left[\frac{U_{\text{Supply}}}{24} \right]$$

OPTIONS:

U Set supply voltage of the power supply in Volt
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



Knock Outs (in)	NPT KO's
1/2"	2
3/4"	4

ORDERING CHART

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

Ordering Example: PS-24-V-M-200-120

Series		Output Voltage		Environment		Dimming		Wattage		Voltage Input	
PS	Power supply	24	24V	V	Vault IP68 Direct Burial	M	Magnetic	60	60W	120	120V
						010	0-10V	100	100W	277	277V
								200	200W		
						Magnetic ONLY		300	300W		
								400	2x200W		
						Magnetic ONLY		600	2x300W		

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