



HR16 / GR16 1.66 in ROUND LED HANDRAIL & GUARDRAIL

HR16 Channel – the perfect recessed lighting solution for both indoor and outdoor handrail applications. With an impressive LED output ranging from 200 to 520 lumens per foot and protection up to IP65, this Handrail offers customizable brightness to suit any environment. Select a symmetric or 70° asymmetric lens. This is a full Handrail System, including all handrail, mounts, LEDs and accessories.

PRODUCT HIGHLIGHTS

- **BINNING:** ± 50K
- **CRI:** >90
- **EXPECTED LIFETIME:** L70 > 60,000 hours
- **OPERATING TEMP:** 22 °F – 131 °F (-30°C – 55°C)
- **RATING:** UL
- **OPERATING VOLTAGE:** 24-25 volt, constant voltage
- **WARRANTY:** 5 year
- **DIMENSIONS:** 1.66"
- **COLOR:** Stainless (custom per request)
- **MATERIAL:** 316 Stainless Steel
- **FINISH:** Mil (satin)

AVAILABLE COLORS

- 2400K
- 2700K
- 3000K
- 3500K
- 4000K
- 6500K
- Amber
- CUSTOM



CHARACTERISTICS

	Power	Dimensions	Length Inc. ¹	Max Run Length ²	Dimming
D	0.61 w/ft	0.51 x 0.21	3.93 in	131 ft	Low Voltage / 0-10V
P	1.46 w/ft				
HP	2.43 w/ft		1.94 in	65.6 ft	
PH1	2.93 w/ft		3.93 in		
PH2	4.87 w/ft		1.94 in		

Notes:
1. **Length Increments:** Refers to the Strip's cuttable segments. Example: If 1ft Power (P), you will cut 9.84 in or 14.76 in.
2. **Max Run Length** Refers to the Strip's total run length from connector to end, including interconnected lengths.
Example: If you are ordering 60 ft of Power, you will need 4 EA 16 ft lengths.

MAX. connection length between -4°F and -22°F is 1/3 of listed above. Lumen calculated at 2700K, please request individual data sheets if needed. Circuits with LEDscape product must have surge protection to qualify for 5 year warranty. LEDscape reserves the right to modify the information above without notice.

ORDERING CHART

Ordering Example: HR16-2.9-35-65-D-P

Length	Product Code		Lumen		Color		Enviroment		Lens		Mounting	
*Refer to MAX run lengths. If handrail lengths exceeds LED max run length you will have to have multiple power drops. Example 100 ft of railing will require 2 runs of LEDs.	HR16	1.66 IN Handrail	0.6	034 lm/FT	24	2400K	40	IP40 Indoor	D	Diffused	W	Wall
	GR16	1.66 IN Guardrail	1.4	129 lm/FT	27	2700K	65	IP65 Outdoor	ASY	Asymmetric	P	Post
			2.4	215 lm/FT	30	3000K			C	Clear	G	Glass
			2.9	310 lm/FT	35	3500K					GL	Glass In-Fill
			4.8	520 lm/FT	40	4000K					CU	Custom
			CU	custom	65	6500K						
					A	Amber						
					CU	custom						

WALL & POST MOUNTING



Wall Mounting

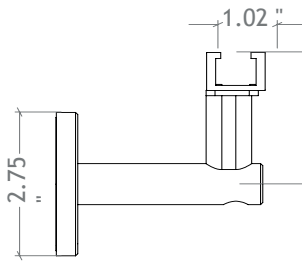


Glass Wall / Panel Mounting

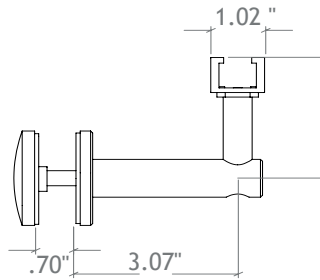


Post Mounting

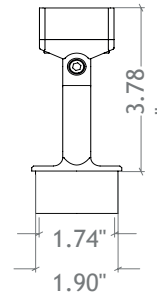
MOUNTING DIMENSIONS



Wall-Mount



Glass Mount



Post Mount

STANDARD & CUSTOMIZED WELDED ANGLES

There are the **standard welded angles** for the LEDscape Handrail, install in-field by handrail fabricator/installer.



90° Angle Horizontal



90° Angle Vertical



22-55° Angle downwards



22-55° Angle upwards



40-70° Angle



wall return

There are the **custom welded angles** for the LEDscape Handrails: 45°, 90°120° and Custom. Not provided, must be requested.



90° Angle



45° Angle



120° Angle

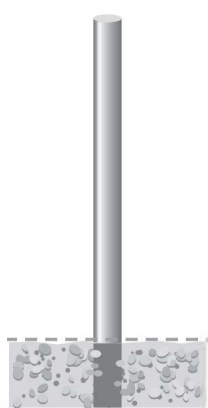


Customised Angles

POST OPTION



Flange Post



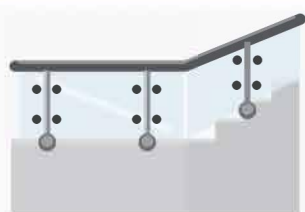
Embedded Post



Flange or Embedded Power Post
(access to 24v from remote power supply)

**Power Post will be provided with door for access to wires.

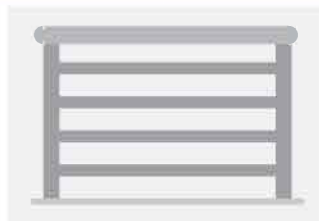
IN-FILL OPTIONS



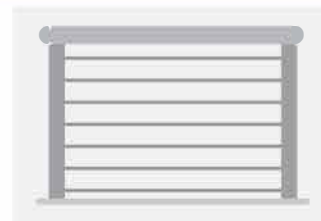
Glass In-fill



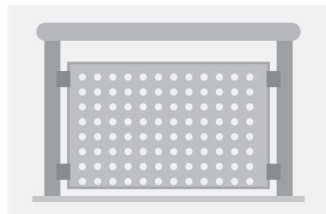
Picket In-fill



Bar or Tube In-fill

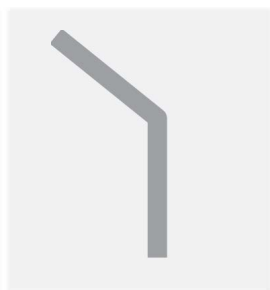


Steel Cable In-fill



Metal Panel In-fill

HANDRAIL TERMINATIONS



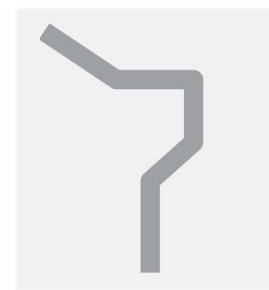
Return to Ground



Loop Back

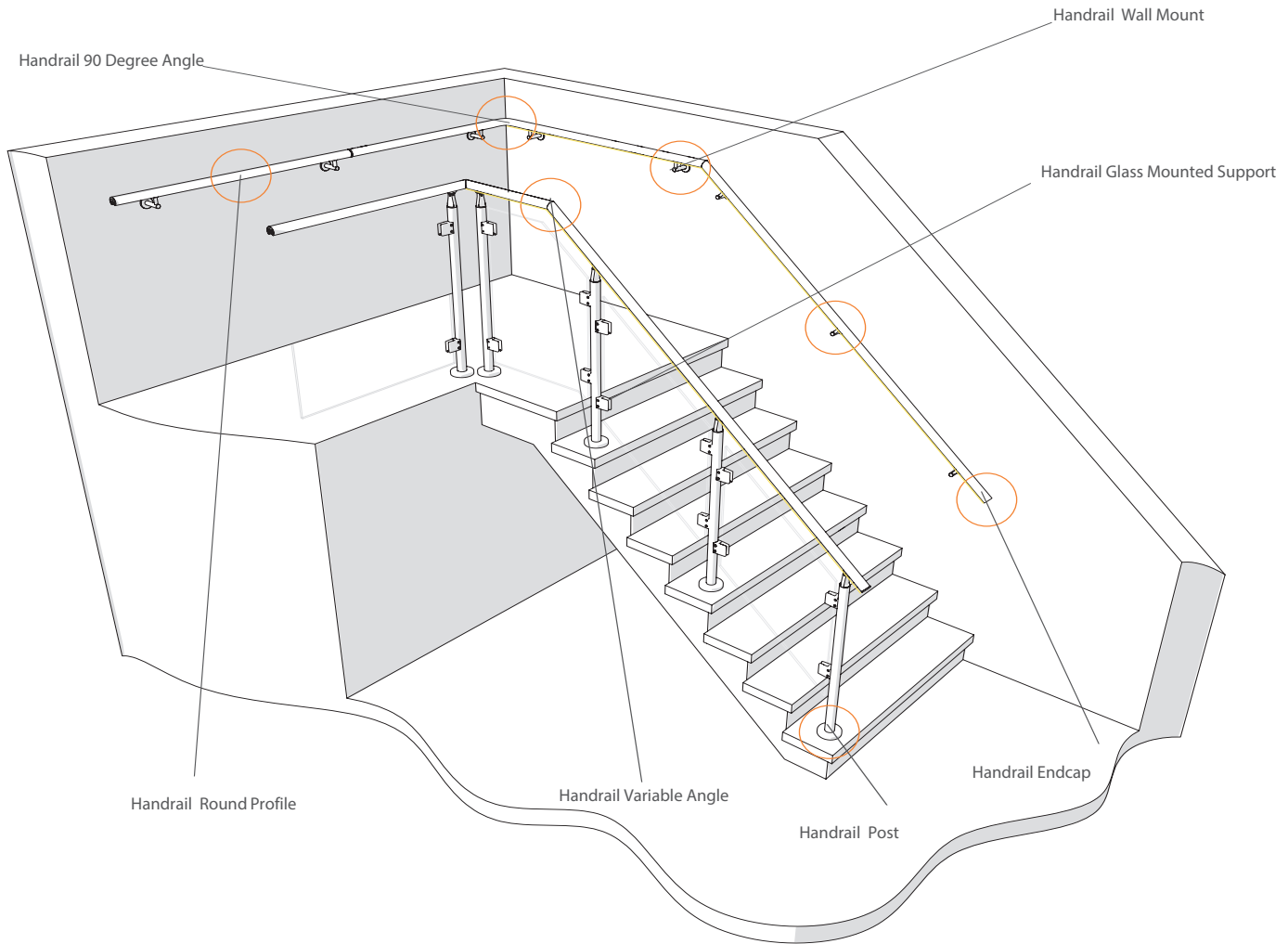


Return to Ground

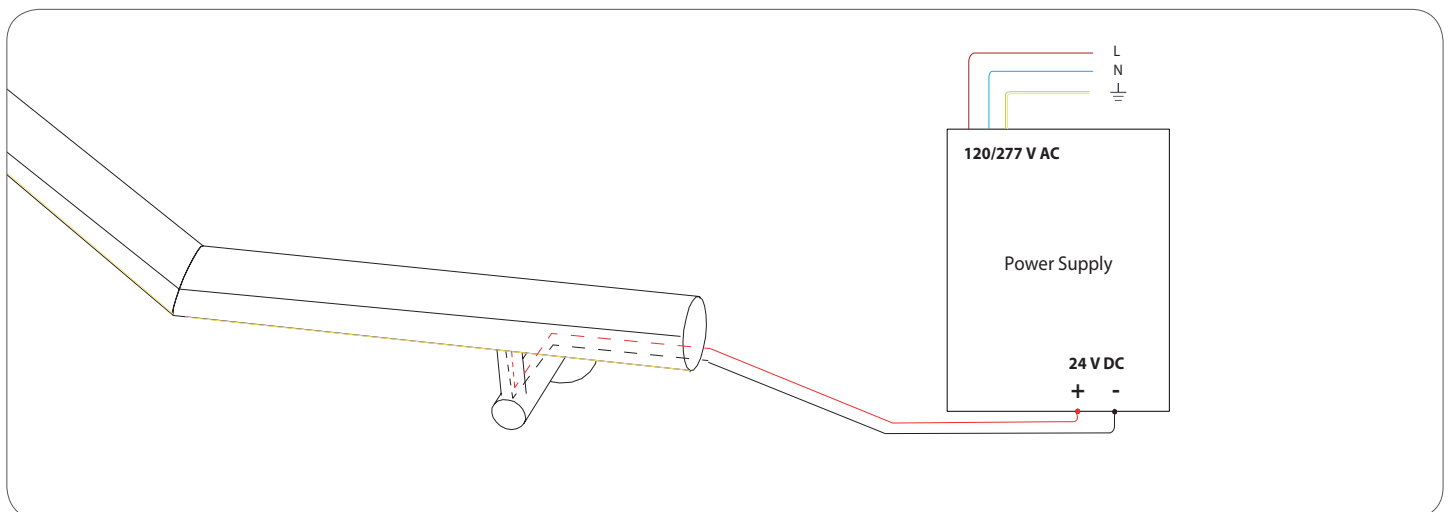


Designer Loop

Parts of the LEDscape Handrail



Power Supply



Power supply is ALWAYS remote though wall mount or post. Consult factory for alternate solutions.