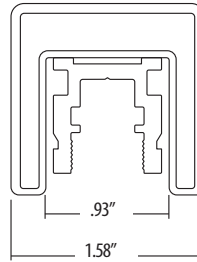
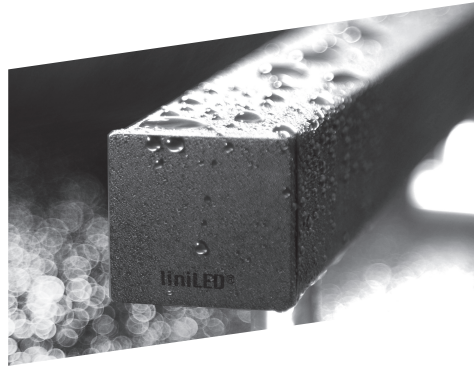


# OrgaRail® Illuminated Handrail

SQUARE



ORGANIC LIGHTING®

Project
Type
Date

## FEATURES

- Heavy duty stainless steel handrail: AISI 316
- Dimensions: Square 1.58"x1.58"
- Energy efficient and dimmable
- The OrgaLED® strip press fit securely into the channel
- Wall and post brackets are designed for quick and easy installation
- Available in various colors and luminous intensities
- Manufactured in the US/EU
- ADA compliant

## MOUNTING

Wall or post mounted, glass infill option or glass wall/panel mounting.

\* Glass by others.

## OPTICS

OrgaLED® LED strips available in three white luminous intensities:

- Low output (Deco 33-39 lm/ft)
- Medium output (Power 113-122 lm/ft)
- High output (High Power 227-257 lm/ft)
- Warm White 2700K and 3000K, and Natural White 4000K

## CONNECTING

The maximum unit length of the handrail is 16.4ft and can easily be connected mechanically or by welding. All handrails can be applied indoor and outdoor.

## LENS



## STANDARD AND CUSTOMIZED ANGLES

There are three standard angles for the OrgaRail® Handrails: 45°, 90° and 120°. Other angles can be customized upon request.

(top view)

45°  
Angle



90°  
Angle



120°  
Angle

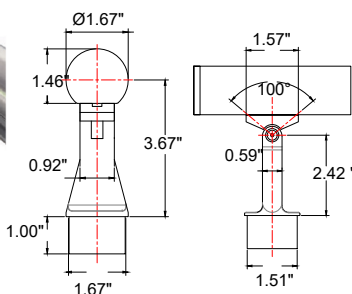


Custom  
Angle

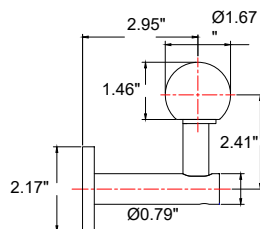


## MOUNTING DIMENSIONS

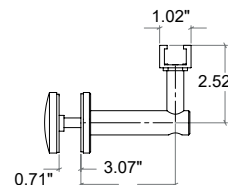
POST MOUNT



WALL MOUNT



GLASS WALL PANEL MOUNT



GLASS INFILL OPTION



Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

# liniLED® LED Illuminated Handrail

## SQUARE

### HOW TO SPECIFY YOUR ENERGY EFFICIENT HANDRAIL

As each lighting project is unique, all the components of the OrgaRail® Illuminated Handrail are professionally customized. Therefore, it is of great importance to provide fully dimensioned plans, DWG files and detailed drawings, in addition to the useful menu below.



ORGANIC LIGHTING®

Project

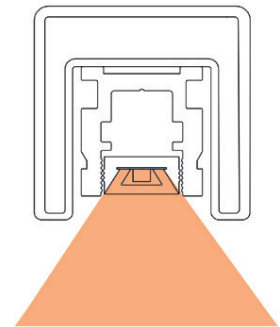
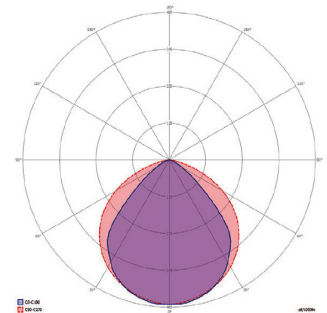
Type

Date

### ILLUMINATED HANDRAIL TECHNICAL DETAIL

Profile	Length	LED	CCT	Beam	Mount	Lens	Connector	Options
HRS								
HRS Square	X length in feet	D Deco 0.3W/ft P Power 1.28W/ft HP High Power 2.89W/ft	27 2700K 30 3000K 40 4000K RG RGB R Red G Green B Blue A Wildlife Amber	S Sym.	P Post W Wall	LC Clear LF Frosted	I Interior (IP40) E Exterior (IP67)	PR Post Return WR Wall Return IN Interlinking EC End Cap CUR Curved N None

### SYMMETRIC DIAGRAM



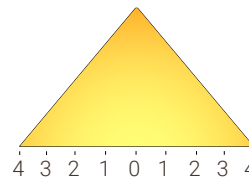
Full cut-off

### ADDER ACCESSORIES

Profile	Elbows/Accessories
HRS	
HRS Square	45V 45° Vertical 90V 90° Vertical 120V 120° Vertical 45H 45° Horizontal 90H 90° Horizontal 120H 120° Horizontal FL Flange Kit CU Custom

Profile	Infills
HRS	
HRS Square	GB Glass Brackets RL Railing CL Cables

### OrgaLED® ILLUMINATED HANDRAIL TYPICAL FC. LEVELS



Handrail Model	Handrail Height	0	1'	2'	3'	4'
Symmetric FC Levels						
Deco 3000K	34.5" H	4.3	3.5	1.9	0.69	0.24
Power 3000K	34.5" H	16	16	7	2.5	0.72
High Power 3000K	34.5" H	27	27	12	5.7	1.4



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