

SmartLights Modular Railing Systems

Round Stainless Illuminated Handrail

Application

Smartlights by Smart Railing is a Modular System for use in interior or exterior commercial and residential applications. Perfect for a new or retrofit application. The LED illuminated handrail produces a continuous stream of light adding safety and atmosphere. All wiring is concealed. The LEDs are simple to install and click into place. The 24v or 48v system uses IP67 LED's for outdoor and IP20 LED's for indoor applications. Dimmable power supplies make this ideal for darker interior applications such as theaters and concert halls. The system is UL listed.

Railing

Smartlights Round is available in 304 or 316 stainless steel in 1.9" and 1.66" diameter. Depending on railing system, this can be wall mounted, post mounted or glass mounted. Choose from frosted or clear lens. Infill choices include cables, glass or bars. The railing provides a seamless look and is vandal resistant. Railing solutions require no welding and can be used on stairs, ramps balconies and more. We have both indoor and outdoor solutions.

The Round illuminated cap rail is wall or post mounted. Cable duct is integrated for the LED strips. Choose from a variety of handrail brackets and post tube adapters as well as transparent or frosted lenses. The circular handrail meets the ADAAG (Americans with Disability Act Accessibility Guidelines).

LEDs

LED Strips are recessed into the underside of the handrail. The LED Strips are part of the 24v system, rated to over 60,000 hours and produce 125, 250, or up to 500 lumens per foot.

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24v Driver

Input voltage: 120/277vac
Output voltage: 24vdc
Wattage: 96w, 60w, 30w
Control: 0-10V dimming
Damp and Dry location rated
UL Class 2 output for safe operation
Input frequency: 50/60Hz

Installation

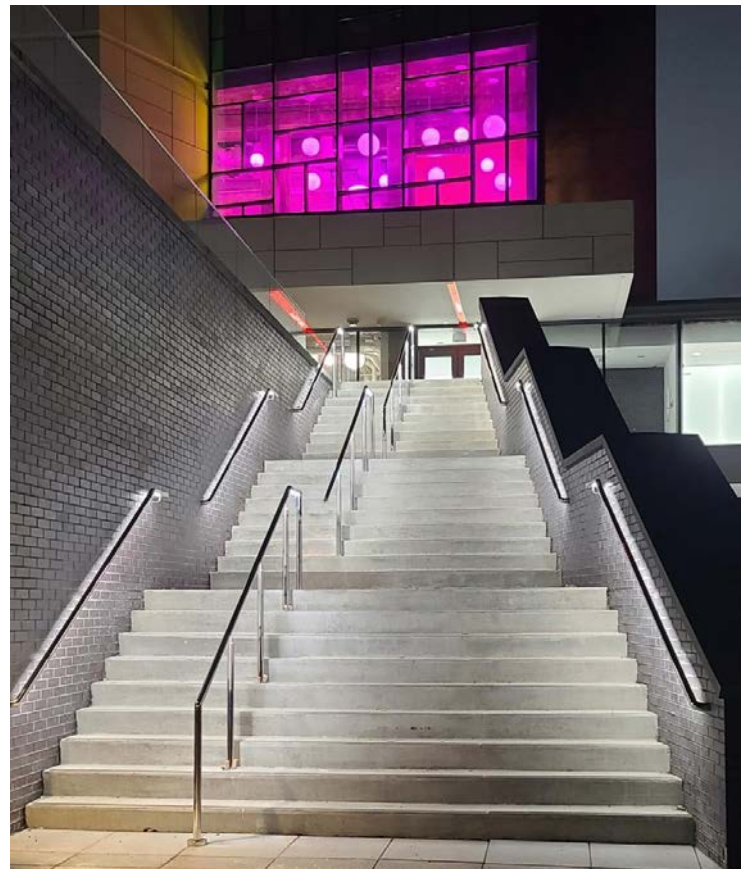
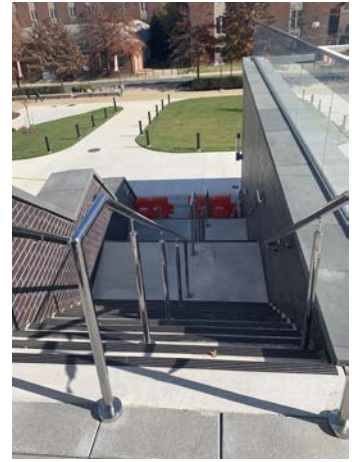
The Smartlights system is modular and designed for simple assembly and installation.

Certifications

UL, cULus, ANSI, ADA

How to Specify

The Smart railing systems are modular and each system is custom designed for your specific project requirements. Cap rails come in 16'-4" lengths and are cut in the field to ensure proper fit. We require drawings with dimensions and complete description of railing requirements to create the proper BOM for your project.



ROUND ILLUMINATED HANDRAIL

SPECIFYING FORM

Date: _____

Type: _____

Project: _____

Firm: _____

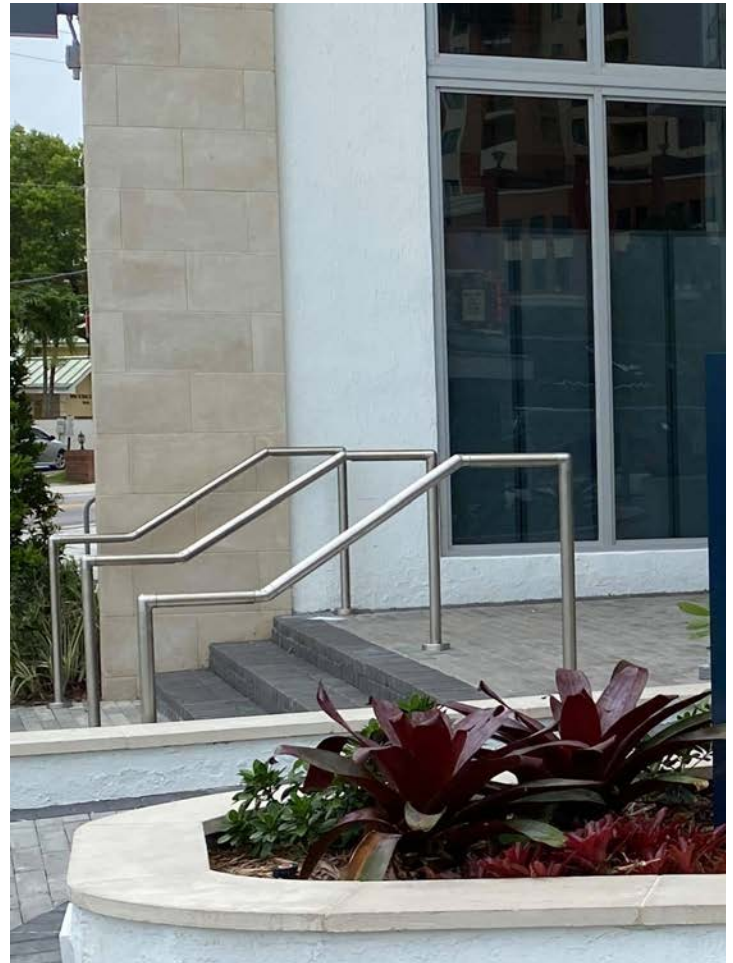
CREATE YOUR RAILING

Ex. IR316-1.9-PM-40-2.4-F-24-N

TYPE		DIAMETER		MOUNTING		CCT	
IR316	Round 316 Stainless	1.9"	1.9" diameter	PM	Post mounted	27	27k
IR304	Round 304 Stainless	1.66"	1.66" diameter	PMC	Concrete embedded post	30	30k
				WM	Wall mounted	35	35k
						40	40k
						50	50k
						A	Amber
						R	Red
WATTAGE		LENS		VOLTAGE		INFILL	
1.4	1.4w/ft	F	Frosted	24	24v	N	None
2.4	2.4w/ft	C	Clear			C	Cable
4.6	4.6w/ft					B	Bars
ASYM	Asymmetric					G	Glass**

*If selecting Amber or Red, Omit Wattage from Part Number

** Glass by others



ROUND ILLUMINATED HANDRAIL

SPECIFYING FORM

Date:

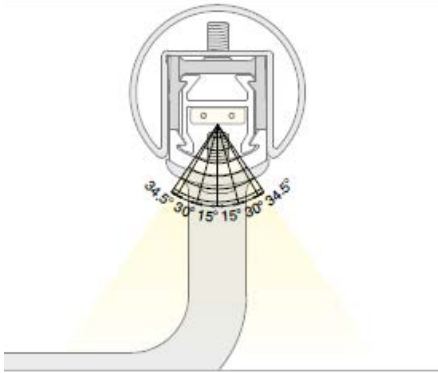
Type:

Project:

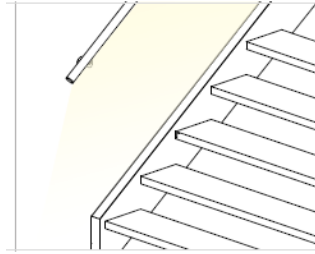
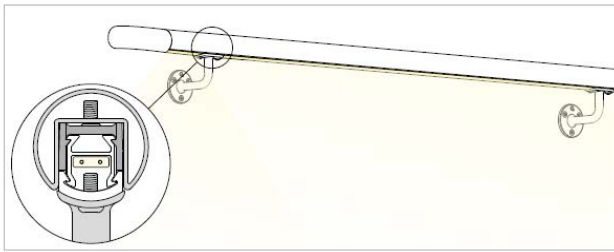
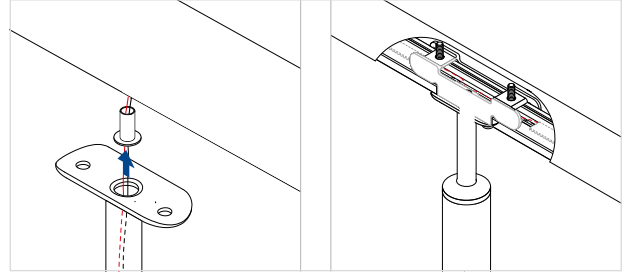
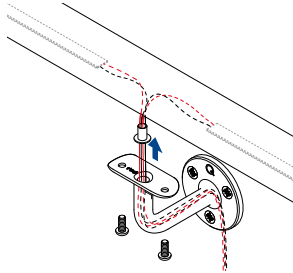
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Modular Railing Systems

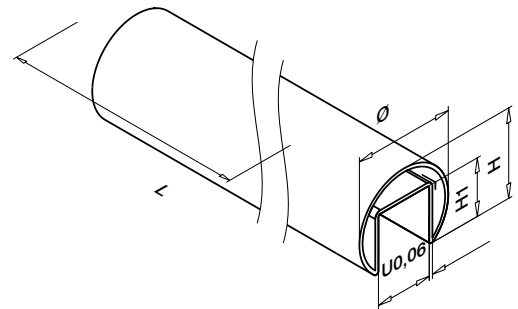
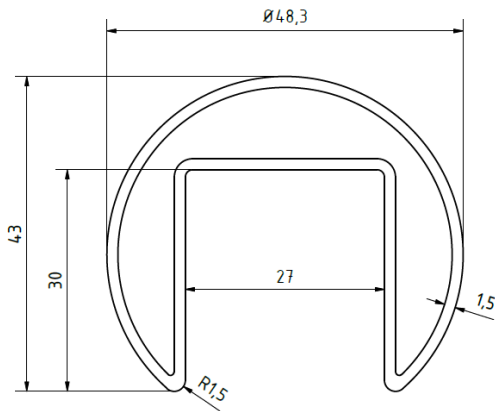
Symmetric Light output



Concealed Wires



Profiles



ROUND ILLUMINATED HANDRAIL

COMPONENT EXAMPLES

Date:

Type:

Project:

Firm:

Handrail Mounting and Bracket options



Adjustable Post Mount



Fixed Post Mount



Wall mount bracket



Glass mount bracket

Corner and Stairway options



90° Connectors



Adjustable Connectors for Stairs



Tube to Cap Rail Connectors

End and Return options



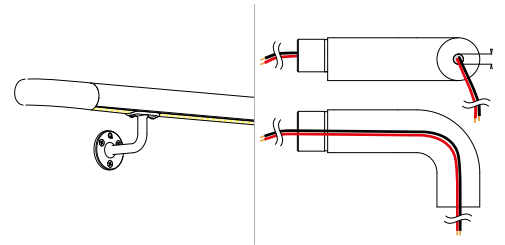
End Fitting



End Cap



Wall Return



Infill options



Bar Infill



Cable Infill



Glass Infill Clamp



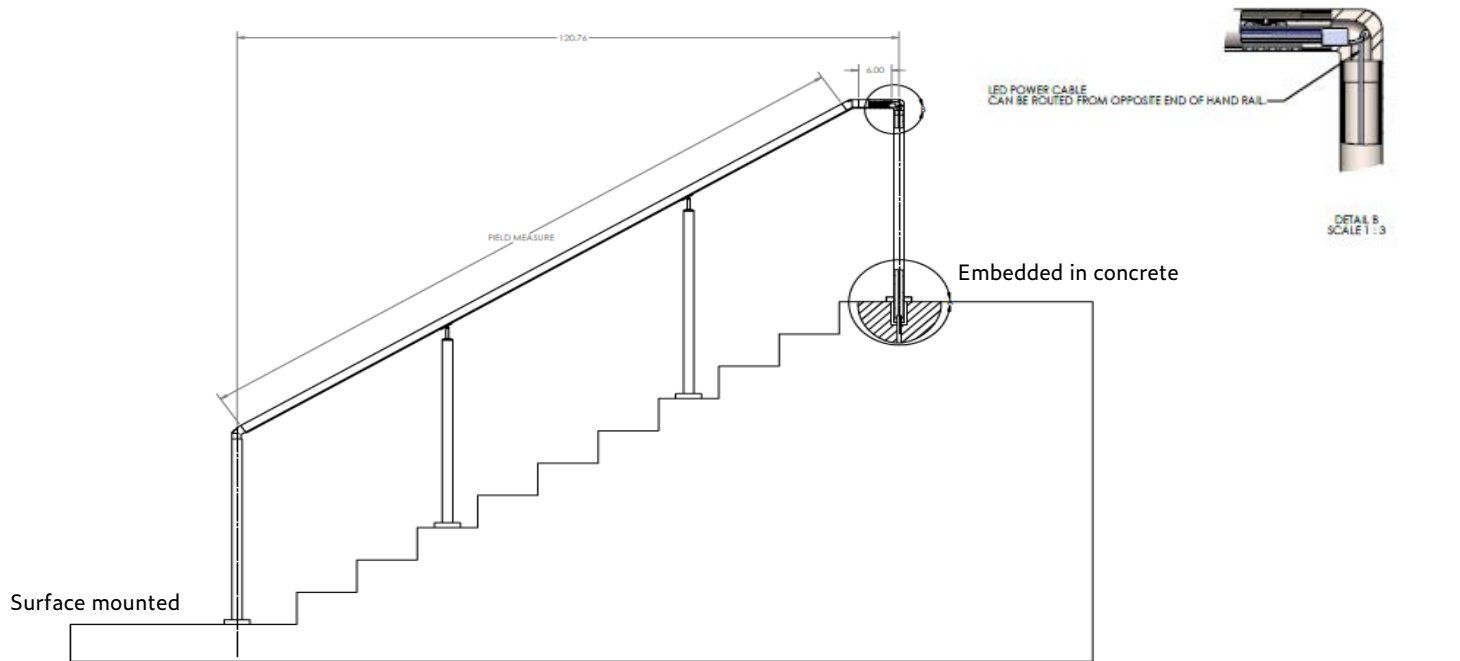
Glass Infill Clamp

ROUND ILLUMINATED HANDRAIL

RAILING EXAMPLES

Modular Railing Systems

POST MOUNTED STAIRWAY EXAMPLE



WALL MOUNTED STAIRWAY EXAMPLE

