

# Handrail Lighting System



## FEATURES & BENEFITS

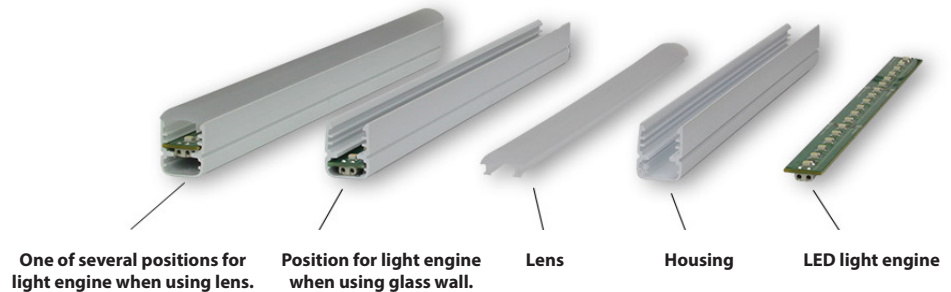
- Proven high quality
- Lighting Designer and Electrician not responsible for field measurements, the handrail installer is.
- Respective components provided by experts in those domains: LED light engine by iLight and hardware by C.R. Laurence (when C.R. Laurence handrail specified)
- Easy to assemble and install
- Custom handrails shapes and colors available through C.R. Laurence
- Multiple handrail diameter options
- Energy efficient
- Long lifetime
- Stable and consistent color temperature
- Low voltage
- Cool to the touch
- Suitable for Wet Locations

For more than a decade, iLight has been manufacturing an LED Handrail Lighting System, as an OEM, for the largest manufacturer of architectural hardware, C.R. Laurence. iLight is pleased to now offer an upgraded handrail lighting system exclusively to the specification market through iLight's architectural representatives.

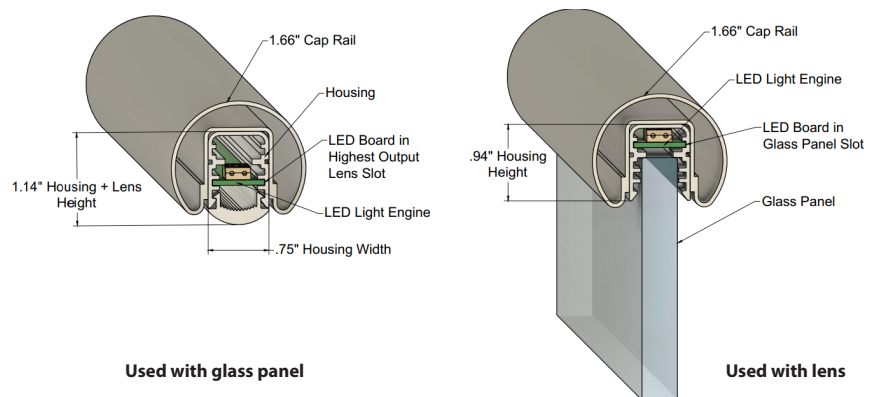
## PRODUCT INFORMATION

- 2700K (260 lumens\* / foot)
  - 3000K (260 lumens\* / foot)
  - 3500K (260 lumens\* / foot)
  - 4000K (260 lumens\* / foot)
  - 6500K (260 lumens\* / foot)
- (\* Lumen data based on actual light output of luminaire, not the higher output of the "raw" LEDs. Measured with 60° asymmetrical lens.)
- Beam Spread Options
    - 60° asymmetrical
    - 65° symmetrical
    - 110° symmetrical
  - Other color temperatures and lower lumen outputs are available.
  - Class 2 24 VDC
  - Individual light engines are 1 foot
  - Run lengths of 10 feet possible
  - Can be field cut in 4-inch increments
  - 20 feet per power supply (two 10' runs)
  - Standard hardware diameter options: 1.66", 2", 2.5", 3", 3.5", 4"
  - For use with compatible C.R. Laurence handrail models or hardware designed and manufactured to appropriate specifications
  - Suitable for Wet Locations

## iLight Handrail Lighting System



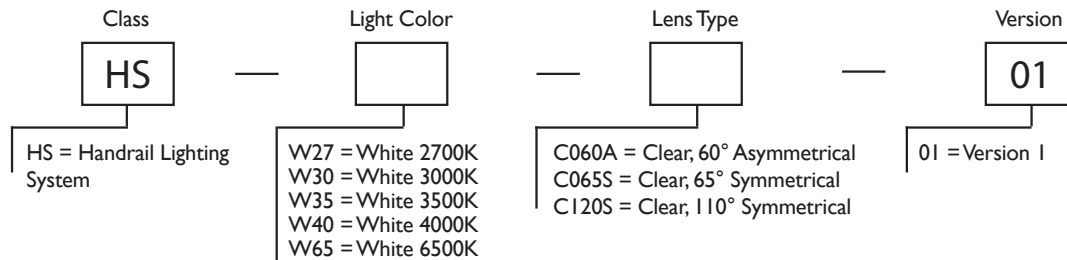
## Cross section of C.R. Laurence handrail hardware GR16 and iLight Handrail Lighting System



**Questions? Contact us at 312.876.8630 or [info@ilight-tech.com](mailto:info@ilight-tech.com)**

## Order Information

(includes light engine, lens, housing, power supplies and kit accessories)



## Specification, Bidding, Field Measurements, & Installation

For a smooth, predictable process and a high quality outcome, you need:

- a high quality light source (iLight)
- a high quality hardware system (C.R. Laurence)
- an experienced electrical contractor, and
- an experienced handrail installer (e.g. ornamental ironworker, metal shop, glazing company).

A bundled illuminated handrail system (lighting and hardware together) conflicts with how the trades like to do business. If an EC does not provide the lighting, they won't warrant it. And if a handrail installer does not provide the hardware, they won't warrant that. And neither trade wants to purchase material for the other trade.

That's why many general contractors demand that the handrail installer provides the hardware and the electrical contractor provides the lighting. This makes iLight the ideal solution: electrical contractors and handrail installers have been working together for over 10 years to successfully install the iLight Handrail Lighting System on compatible C.R. Laurence handrails.

Phase	Hardware for Handrail	Light Source for Handrail
<b>Specification</b>	<p><b>C.R. Laurence ("CRL") handrail hardware model compatible with iLight Handrail Lighting System</b>, including CRL Cap Rail models:</p> <ul style="list-style-type: none"> <li>GR16 (diameter: 1.66", 42.2mm)</li> <li>GR20 (diameter: 2.0", 50.8mm)</li> <li>GR25 (diameter: 2.5", 63.5mm)</li> <li>GR30 (diameter: 3.0", 76.2mm)</li> <li>GR35 (diameter: 3.5", 88.9mm)</li> <li>GR40 (diameter: 4.0", 101.6mm)</li> </ul> <p>or custom CRL hardware designed to meet the specifications of the iLight Handrail Lighting System.</p> <p>Specification in the "Metals" division.</p> <p>Please cross reference the iLight Handrail Lighting System specification.</p>	<p><b>iLight Handrail Lighting System</b></p> <p>Specification in the lighting section of the "Electrical" division.</p> <ul style="list-style-type: none"> <li>2700K (260 lumens* / foot)</li> <li>3000K (260 lumens* / foot)</li> <li>3500K (260 lumens* / foot)</li> <li>4000K (260 lumens* / foot)</li> <li>6500K (260 lumens* / foot)</li> </ul> <p>(* Lumen data based on actual light output of luminaire, not the higher output of the "raw" LEDs. Measured with 60° asymmetrical lens.)</p> <ul style="list-style-type: none"> <li>Beam Spread Options                             <ul style="list-style-type: none"> <li>60° asymmetrical</li> <li>65° symmetrical</li> <li>110° symmetrical</li> </ul> </li> </ul> <p>Please cross reference the handrail hardware specification.</p>
<b>Bidding</b>	<b>Handrail Installer bids the hardware</b>	<b>Electrical Contractor bids the light source</b>
<b>Field Measurements</b>	<b>Handrail Installer</b>	<p><b>Not Required</b></p> <p>Small variations from plan to actual would not significantly change costs for the iLight Handrail Lighting System.</p> <ul style="list-style-type: none"> <li>iLight light engine comes in 1-foot sections, cuttable every 4 inches</li> <li>Housing &amp; lens come in 6-foot sections and are field cuttable</li> <li>Up to 20 feet per power supply; (two 10-foot runs)</li> </ul>
<b>Installation</b>	<b>Handrail Installer</b>	<b>Electrical Contractor</b>

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