RAIL (Re-Engineered)

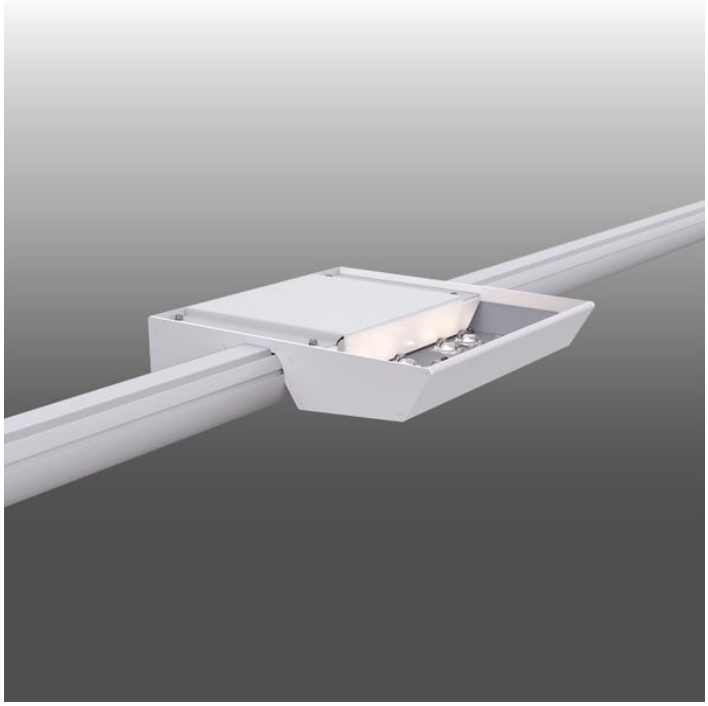
LRU12465 12.00 in

SPI LIGHTING
PROJECT DETAILS

JOB NAME:
TYPE:
NOTES:

DESCRIPTION

With a slim 2.3" profile, RAIL brightly illuminates large spaces powerfully and efficiently. Mounted on a single rail, the system's streamlined design blends seamlessly with ceiling construction. Housings clamp over the rail and are self-supporting without tools, simplifying installation and maintenance. It's an elegant way to safely light natatoriums or other high ceiling applications. For a complimentary lighting layout, contact our applications team at SPIteam@spilighting.com.



MADE IN USA BABA COMPLIANT | NAT | WC

FEATURES & BENEFITS

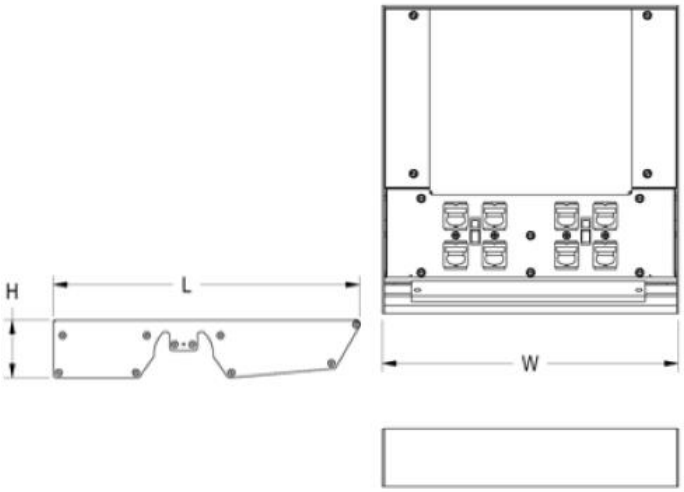
- Create a contemporary look with this low profile, single rail design
- Present a clean visual package by encapsulating wireways and eliminating vertical stems
- Lessen glare on surfaces, increase visual comfort and improve light uniformity with indirect lighting
- Robust construction with natatorium option
- Eliminate fixtures over pools
- Save 25 to 30 percent on installation costs by reducing the number of power drops
- Gain freedom and flexibility for ideal positioning of luminaires regardless of ceiling impediments such as supports, HVAC and other systems
- Access and remove lighting modules without disassembling the entire system
- Handcrafted in USA, BABA Compliant

SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs. (Estimated until testing completed)
- **EFFICACY:** Up to 130 lm/W delivered (Estimated until testing completed)
- **CCT**: 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Fully potted integral Class 2 power supply standard

- **MAX AMBIENT OPERATING TEMP:** TBD- awaiting testing
- **DIMMING:** 10% minimum dim level standard. 1% dimming optional.
- **CONTROLS:** 0-10V 10% dimming standard. 0-10V 1% dimming, Lutron Athena, Current NX, and nLight AIR optional. Contact factory for other controls (e.g., Enlighted, Encelium, Wattstopper, WaveLinx, or Casambi).
- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events
- **CONSTRUCTION:** Aluminum housing; precision injection molded optics
- **FINISH:** Choose from 26 standard thermoset polyester powder coat paint colors. RAL®, Pantone®, or custom finishes available upon request.
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications

DIMENSIONS



W	H	L
12 in 30.5 cm	2.3 in 5.8 cm	12.4 in 31.5 cm

Mounting Weight
Consult Factory.

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/LRU12465. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage	Lamp Options*	CRI*	Controls*	Mounting*	Options
LRU12465								
	A		B	C	D	E	F	G

A - LIGHT SOURCE *

To ensure color consistency, SPI uses precise bin selection and strict quality processes to maintain a 3-step (MacAdam) SDCM on all white LED lampings. Published LED luminaire wattages are calculated using a typical power supply efficiency of 88%; exact wattages may vary based on application. Alternative wattages available upon request.

☐ **L72W** [1] | White 72W LED Light Engine| Delivered Lumens: 9,129

See last page for finish options

[1] Lumens are estimated. Final lumens will be posted forthcoming.

B - VOLTAGE

☐ 120-277V | Universal Voltage

C - LAMP OPTIONS *

☐ 2700K | 2700K CCT
☐ 3000K | 3000K CCT
☐ 3500K | 3500K CCT
☐ 4000K | 4000K CCT
☐ 5000K | 5000K CCT

*Chart is an estimate. New multipliers will be posted with forthcoming lumen finals.

	80 CRI	90 CRI
2700K	n/a	0.67
3000K	0.93	0.74
3500K	0.93	0.74
4000K	1.00	0.74
5000K	1.00	n/a

D - CRI *

☐ DF_80 | (default)
☐ 90

E - CONTROLS *

☐ DF_DIM5 | 0-10V Control, 5% Dimming (default)
☐ DIM1 | 0-10V Control, 1% Dimming
☐ AWNR | Lutron Athena Wireless Node, 1% Dimming
☐ NX | Current NX Wireless, 1% Dimming
☐ NLTA [2] | Acuity nLight Air, 1% Dimming

[2] Not recommended for natatorium environments without additional component protection. Contact factory for options.

F - MOUNTING *

☐ DF_AC | Aircraft Cable & Power Cord Mount

G - OPTIONS

When the NAT option is selected, you can feel confident that the luminaire specified is designed with high-quality materials that will withstand the corrosive environment of indoor pools. Electrical components are protected from moisture and the fixture has been tested to operate in warm ambient temperatures.

- ☐ NAT | Natatorium Construction
- ☐ F | Fusing

Standard Finishes

The colors shown are representative. Their actual appearance may vary due to differences in display settings. You can request color chips by emailing contact@spilighting.com. Please note, finishes may not be available in all configurations.

Paint Colors

PT01 RAL9003 Signal White (Gloss)	**PT51** Matte White (Textured)	**PT02** White (Textured)	**PT04** RAL9001 Cream (Textured)	**PT67** RAL7044 Silk Grey (Textured)
PT53 RAL7035 Light Grey (Textured)	**PT54** RAL7037 Dusty Grey (Textured)	**PT55** RAL7012 Basalt Grey (Textured)	**PT56** RAL7016 Anthracite Grey (Textured)	**PT11** Black (Textured)
PT57 RAL1015 Light Ivory (Textured)	**PT58** RAL8004 Copper Brown (Textured)	**PT59** RAL6021 Pale Green (Textured)	**PT60** RAL1019 Grey Beige (Textured)	**PT61** RAL7006 Beige Grey (Textured)
PT62 RAL1003 Signal Yellow (Textured)	**PT63** RAL3001 Signal Red (Textured)	**PT64** RAL6001 Emerald Green (Textured)	**PT65** RAL5005 Signal Blue (Textured)	**PT66** RAL5003 Sapphire Blue (Textured)

Metallic Paint Colors

PT22 Platinum (Metallic Gloss)	**PT48** Brass (Metallic Textured)	**PT28** Dark Stainless (Metallic Gloss)	**PT49** Bronze (Metallic Textured)	**PT32** Dark Bronze (Metallic Gloss)
PT46 Aluminum (Metallic Textured)				

Specialty Finishes

More RAL®, Pantone®, and custom finishes are available upon request. Setup fee and additional lead time applies.Call factory for details.