Lightruss LED - Upgrade

LLA12050 48.50 in

SPI LIGHTING

PROJECT DETAILS

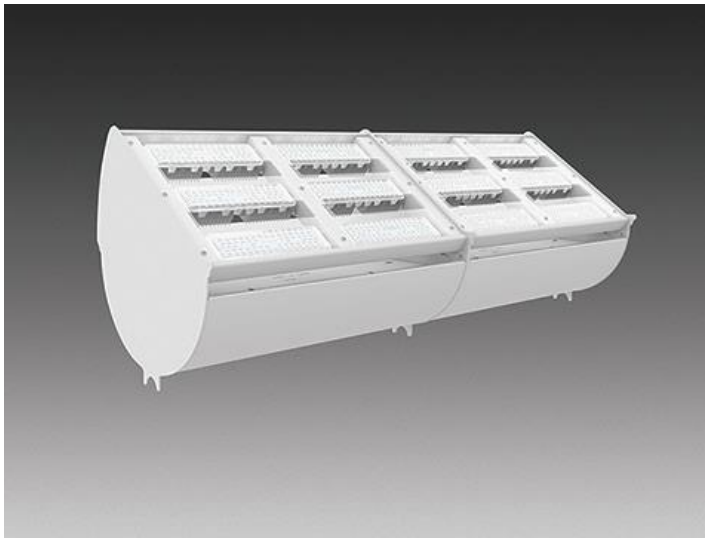
JOB NAME:

TYPE:

NOTES:

DESCRIPTION

LED Replacement Units for Lightruss Size 2 allow existing Lightruss Metal Halide systems to be upgraded to LED light engines. They are designed to fit into existing Lightruss system layouts and be a one-for-one tub replacement to maintain current light distribution. Offering up to 40% energy savings with the indirect LED system when compared to indirect Metal Halide systems, the Lightruss LED is a cost effective upgrade that reduces maintenance costs. Lightruss LED luminaire efficiency can reach up to 105 lumens/watt delivered. For a complimentary lighting layout, contact our applications team at SPIteam@spilighting.com.



FEATURES & BENEFITS

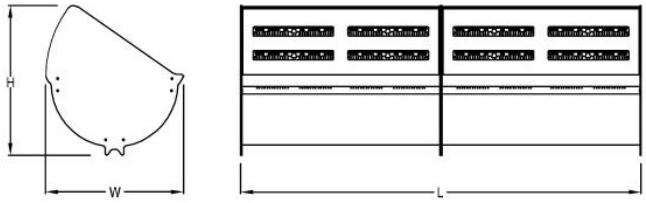
- Drop in replacement tub allows for quick and easy upgrade for HID to LED
- Designed to fit into existing Lightruss systems and deliver the same performance
- Optical performance allows for the creation of a fully indirect LED system equal to current 400W and 1000W Metal Halide (MH) Lightruss Systems
- Up to 40% energy savings with an indirect LED system when compared to an indirect Metal Halide (MH) system
- IP68 light engines, connectors and fully potted drivers stand up to harsh natatorium environments
- Modular part system allows for ease of maintenance
- Precision injection molded optics used for consistent performance from unit to unit
- Standard top lens corrects color-over-angle discoloration, delivering a clean white beam suitable for highly-finished ceilings and walls
- Back cover plate available for applications such as bleachers, cat walks and viewing areas
- Footcandle levels are capable of meeting many HD television requirements
- Handcrafted in USA

SPECIFICATIONS

- **LIGHT SOURCE:** IP68 white LED light engine

- **CRI:** 80+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** up to 105 lm/W delivered
- **CCT**: 4000K
- **DRIVER:** Fully potted integral Class 1 power supply standard
- **MAX AMBIENT OPERATING TEMP:** 34°C (93°F)
- **FINISH:** Full color offering is available so the replacement tub can match the color that was originally installed.
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications

DIMENSIONS



W	H	L
16.7 in 42.4 cm	18.2 in 46.2 cm	48.5 in 123.2 cm

Mounting Weight
Consult Factory.

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/LLA12050. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage*	Lamp Options	CRI	Accessories
LLA12050						
	A		B	C	D	E

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.

- ☐ **L507W |** White 507W LED Light Engine 4000K| Delivered Lumens: 53,712
- ☐ **L634W |** White 634W LED Light Engine 4000K| Delivered Lumens: 67,140
- ☐ **L761W |** White 761W LED Light Engine 4000K| Delivered Lumens: 80,568

See last page for finish options

B - VOLTAGE *

- ☐ **120-277V |** Universal Voltage

C - LAMP OPTIONS

- ☐ **2700K |** 2700K CCT
- ☐ **5000K |** 5000K CCT

D - CRI

- ☐ **90**
- ☐ **80 |** (default)

E - ACCESSORIES

Cut-off shield (CS) and louver (LV) options cannot be used together.

- ☐ **CS** [1] **|** Cut-Off Shield
- ☐ **LV** [2] **|** Louver

[1] Apply .85 multiplier for delivered lumens

[2] Apply .55 multiplier for delivered lumens



CS



LV

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.