Lightruss LED - Upgrade

LLA12052 24.20 in

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
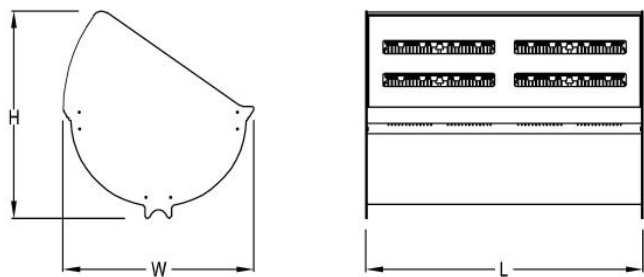
W	H	L
16.7 in	18.2 in	24.2 in
42.4 cm	46.2 cm	61.5 cm

Mounting Weight
Consult Factory.

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/LLA12052. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage*	Lamp Options	CRI	Accessories
LLA12052						
	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.

☐ **L254W |** White 254W LED Light Engine 4000K**|** Delivered Lumens: 26,856
☐ **L380W |** White 380W LED Light Engine 4000K**|** Delivered Lumens: 40,284

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 |
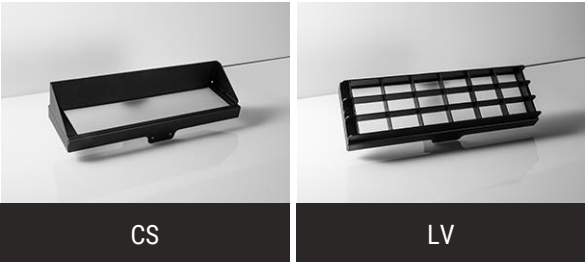
Standard Finishes

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.