

Catalog Number

Project

Type

FEATURES & SPECIFICATIONS

CONSTRUCTION — Made with a spun copper housing with stainless steel fasteners. Designed to efficiently operate R40 and PAR38 lamps. A high temperature drain plug is provided for uplight applications. ETL listed for wet locations.

FINISH — Super Durable Polyester Powder Coat finish available in standard colors: Natural Copper, Black, Bronze, White, OD Green. Custom colors available upon request.

OPTICAL SYSTEM — Beam spreads vary based on the light source and lamp shape chosen. Standard shields include an up shield with a convex clear tempered glass lens and an open down shield. Various additional shield and lens assemblies are available for custom applications.

ELECTRICAL SYSTEM — LED PAR lamp models available for line voltage operation. Recommended to use minimum one surge protection device per circuit. Each fixture comes with a medium base porcelain 4KV rated socket positioned for PAR38 use.

MOUNTING — Comes standard with a 1/2" threaded knuckle mount, fully adjustable swivel arm, and locking teeth. The fixture can be mounted using a Techlight mounting accessory. See page 2.

R4LWC SERIES

Large R40 Copper Bullet for LED PAR38



Fixture shown with
S26 Down Shield

SERIES	HOUSING HEIGHT	LENGTH & WIDTH
R4LWC	8.5"	8.3" x 5.4"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:

R4LWC-S26

R4LWC		
SERIES	SHIELD ¹	FINISH
	S26 = Down Shield S27 = Up Shield S57 = Down Shield with Lens S69T = Trunk Shield S59H = Down Shield with House Shield	BLANK = Natural Copper BZ = Bronze BK = Black ODG = OD Green WH = White SP² = Special

ACCESSORIES (Order as separate line items)

BASE

- B02** 1/2" Conduit Base
- B03** 4" Round 3 Hole Cover
- B06** Brass Tree Base
- B10** 1/2" Hub With Ground
- B16-12** Palm Tree Base With 12" Strap
- LMSB** 20" X 2.5" Mounting Stake (Brass)
- LMS** 20" X 2.5" Mounting Stake (SCH 40 PVC)
- LMSZ-BK** 20" X 2.5" Mounting Stake (Zinc Top Painted Black)
- S82** Honeycomb Louver
- TLSSBBJB** Brass Junction Box
- TLHB800RCH** Digital Timer
- PSJ163** 16 Gauge 3 Strand Lead Wire (Color Coded) Per Linear Foot

LAMPS

- LUVPAR3820WxxK^{3,4}** LED 20W PAR38
- LUVMR4025Wxx⁵** LED 25W Retrofit Module
- LUVMR4032Wxx⁵** LED 32W Retrofit Module
- LUVMR40xxWCMVS⁶** LED 32W Retrofit Module
- ALUMAPAR3820WxxK⁷** LED 20W PAR38

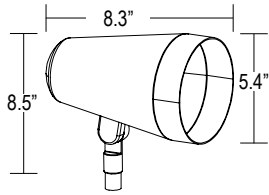
NOTES

- 1 = Premium shields are designed to allow debris to wash free in an upright position.
- 2 = Custom RAL color matching is available. Contact your sales representative for additional info.
- 3 = Recommend minimum one surge protection device for each circuit. See [FSPENCA277VM Series](#) specification sheet for details.
- 4 = XX could be 27 = 2700K, 30 = 3000K, 40 = 4000K, 65 = 6500K or GR = Green Lens. See [LUV Series](#) specification sheet for details.
- 5 = XX could be GR = Green, 65 = 6500K. See [LUV Series](#) specification sheet for details.
- 6 = XX could be 25, 27, 30, 32, 34, 36, 39, or 42 watts. See [LUV CMVS](#) specification sheet for details.
- 7 = XX could be 30 = 3000K, 40 = 4000K, 65 = 6500K or MVS = Moonlight. See [ALUMA-LUX](#) specification sheet for details.

R4LWC Large R40 Copper Bullet

AVAILABLE FIXTURE DIMENSIONS

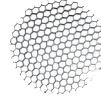
Dimensions shown are for fixture bodies only. Mounting options must be ordered separately.



ACCESSORIES

S82

Honeycomb Louver



TLHB800RCH

Digital Timer



PSJ163

16 Gauge 3 Strand Lead Wire



MOUNTING ACCESSORIES

B02

1/2" Conduit Base



B03

4" Round 3 Hole Cover



TLSBBJB

Brass Junction Box



B16-12

Palm Tree Base with 12' Strap



B06

Brass Tree Base



B10

1/2" Hub with Ground



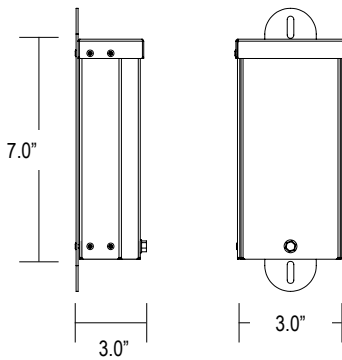
LMSB, LMS, LMSZ-BK

20" x 2.5" Mounting Stakes

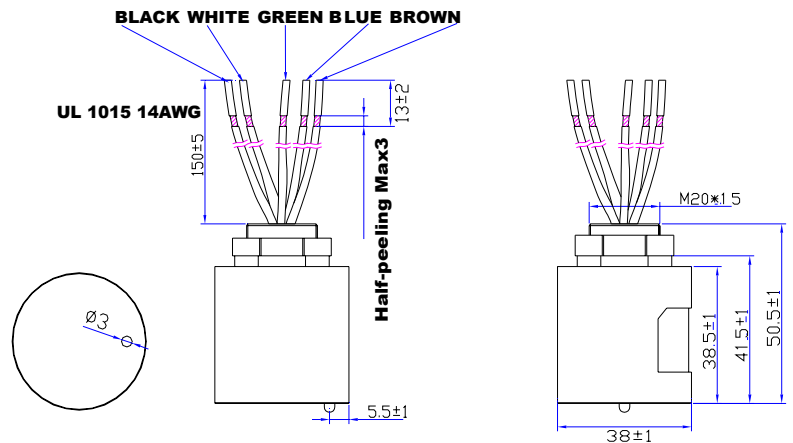


SURGE PROTECTION DEVICE

FSPENCA277V⁴ - 10kA surge protector device (102549) with aluminum enclosure



102549 DIMENSIONS

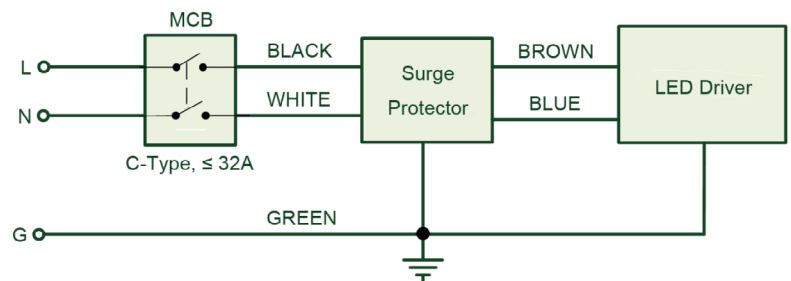


102549 - 10kA Surge Protective Device

- 90-305 Vac Working Input Voltage
- 15 kA Maximum, 10 kA Nominal (15 strikes) Surge Current Rating Using Industry Standard 8/20us Wave
- UL1449 Type 4, EN 61643-11 - Surge Protective Devices T2 & T3
- IEEE C62.41.2 Location Category C High
- High Temperature, 85C Maximum Ambient
- Flameproof Plastic Enclosure
- IP66
- Compatible with Inventronics LED Drivers
- "Series" Wiring Configuration



102549 WIRING DIAGRAM (IN SERIES)



WARNING: Maintenance performed including the replacement of LED bricks while power is still supplied to the luminaire may result in system failures and will void the warranty.



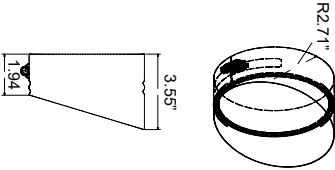
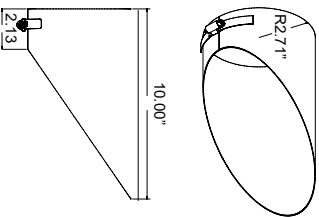
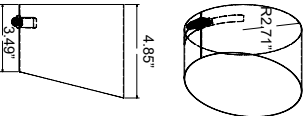
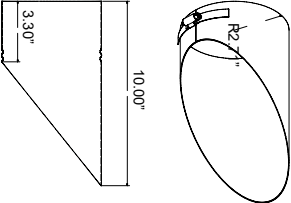
TECHLIGHT
INNOVATION IN ILLUMINATION

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All dimensions and specifications are subject to change without notice.

REV: 20240731-11

SHIELDS

UP SHIELDS	DOWN SHIELDS
<p>S27 = Up Shield with convex lens and molded silicone gasket</p> 	<p>S26 = Down Shield</p> 
	<p>S69T = Down Tree Trunk Shield</p> 
	<p>S57 = Down Shield with Lens and molded silicone gasket</p> 

WARNING: Maintenance performed including the replacement of LED bricks while power is still supplied to the luminaire may result in system failures and will void the warranty.