TECHLIGHT™
INNOVATOR AND LEADER IN THE LIGHTING INDUSTRY

R2LWC SERIES

Small R20 Copper Bullet for LED PAR20

Catalog Number	
Project	Type

SERIES	HOUSING HEIGHT	LENGTH & WIDTH
R2LWC	6.3”	5.3” x 3.4”

FEATURES & SPECIFICATIONS

CONSTRUCTION — Made with a spun copper housing with stainless steel fasteners. Designed to efficiently operate R20 and PAR20 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 PAR20 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.

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:
R2LWC-S65

R2LWC		
SERIES	SHIELD[1]	FINISH[2]
	S65 = Down Shield (65) **S66** = Up Shield (66) **S67** = Down Shield with Lens (S67) **S68** = Up Shield with Blue Lens (S68)	**blank** = Natural Copper **BZ** = Bronze **BK** = Black **ODG** = OD Green **WH** = White **SP** = 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
GEPTBZ Low Profile Tree Base
LMSB 20” X 2.5” Mounting Stake (Brass)
S80 Honeycomb Louver
TLSBBJB Brass Junction Box
TLHB800RCH Digital Timer
PSJ163 16 Gauge 3 Strand Lead Wire (Color Coded) Per Linear Foot

LAMPS

LUVPAR207WxxK[3,4] LED 7W PAR20

NOTES

1 = Premium shields are designed to allow debris to wash free in an up light position.

2 = Additional charge for standard finishes, see Price Guide for details. Special finishes or custom RAL color matching are available. Contact your sales representative for additional info and a quote.

3 = Recommend minimum one surge protection device for each circuit. See FSPENCA277V Series specification sheet for details.

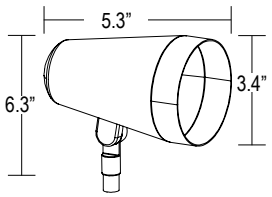
4 = XX could be 27 = 2700K, 30 = 3000K, 40 = 4000K, 65 = 6500K or GR = Green Lens. See LUV Series specification sheet for details.

All dimensions and specifications are subject to change without notice.

R2LWC Small R20 Copper Bullet

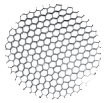
AVAILABLE FIXTURE DIMENSIONS

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



ADDITIONAL FIXTURE ACCESSORIES

S80
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

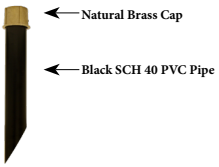
B16-12
Palm Tree Base with 12’ Strap

B06
Brass Tree Base

B10
1/2” Hub with Ground

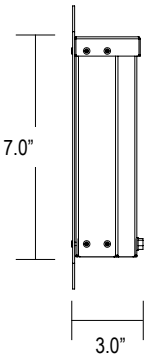
GEPTBZ
Low Profile Tree Base

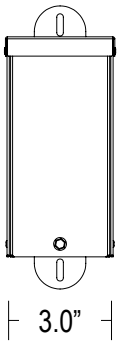
SMSB, MMSB, LMSB
12” x 1” Mounting Stake (Brass)
18” x 1” Mounting Stake (Brass)
20” x 2.5” Mounting Stake (Brass)



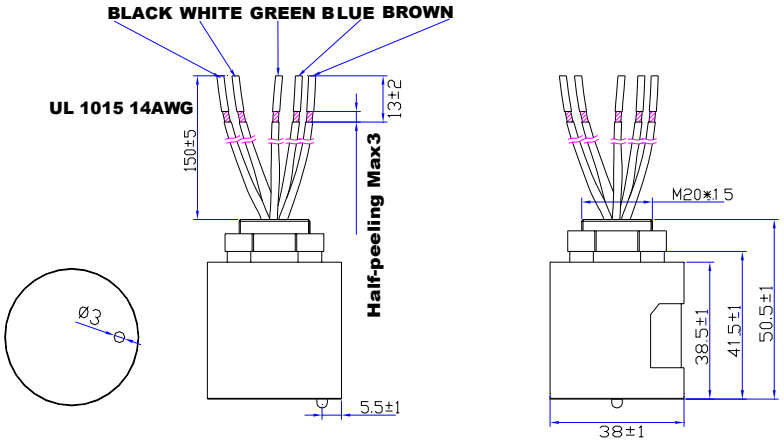
SURGE PROTECTION DEVICE

FSPENCA277V[4] - 10kA surge protector device (102549) with aluminum enclosure





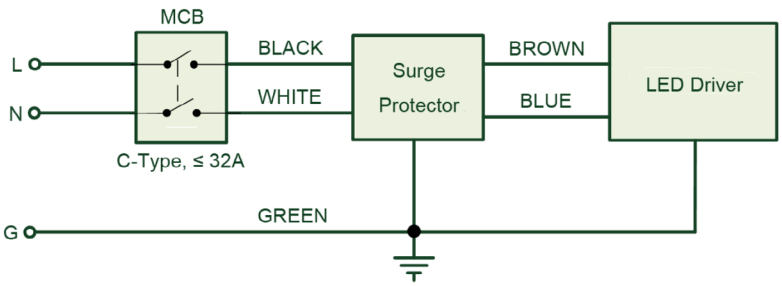
102549 DIMENSIONS



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
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