

Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

CONSTRUCTION — Made with a die cast aluminum housing with stainless steel fasteners. Designed to efficiently operate PAR20 shaped lamps. A high temperature drain plug is provided for uplight applications. A sturdy knuckle mount with locknut is provided for a secure installation. ETL listed for wet locations.

FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, OD Green, White. 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. A shield should be ordered to complete the assembly and ordered separately.

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.

R2AG	
SERIES	FINISH
	BZ = Bronze BK = Black GR = US Green WH = White ODG = Olive Drab Green SP² = Special

SHIELDS (Order as separate line items, specify shield finish as suffix)

S1DN	Down Shield
S2UP	Up Shield with convex lens and molded silicone gasket
S34DN	Down Shield with Lens
S35DN	Down Shield with Blue Lens
S36UP	Up Shield with Blue Lens and molded silicone gasket
S40DN	Down Shield with Quarter Blue Lens
S41UP	Up Shield with Quarter Blue Lens and molded silicone gasket
S2-CA	Die cast aluminum up shield with convex lens and molded silicone gasket
S163P¹	Premium Tube Lens

Specify shield finish as suffix from options in the ordering chart to the left.
Example: S1DN ODG

R2AG SERIES

Small R20 Aluminum Bullet for LED PAR20



EXAMPLE:
R2AG ODG

ACCESSORIES (Order as separate line items)

BASE

- B01GL** Tree Base With Ground Lug
- B02** 1/2" Conduit Base
- B03** 3-Hole Round 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)
- 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

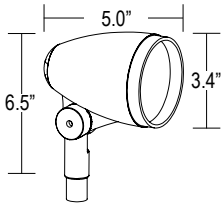
NOTES

- 1 = Premium shields are designed to allow debris to wash free in an uplight 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 [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.

R2AG Small R20 Aluminum Bullet

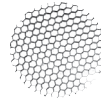
AVAILABLE FIXTURE DIMENSIONS

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



ACCESSORIES

S80
Honeycomb Louver



TLHB800RCH
Digital Timer



PSJ163
16 Gauge 3 Strand Lead Wire



MOUNTING ACCESSORIES

B01GL
Tree Base with Ground Lug



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



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



← Natural Brass Cap

← Black SCH 40 PVC Pipe

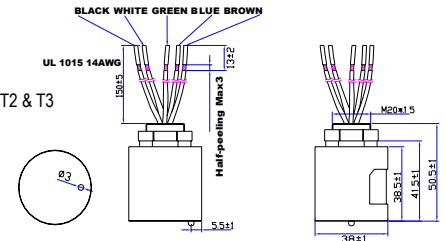
SURGE PROTECTION DEVICE

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

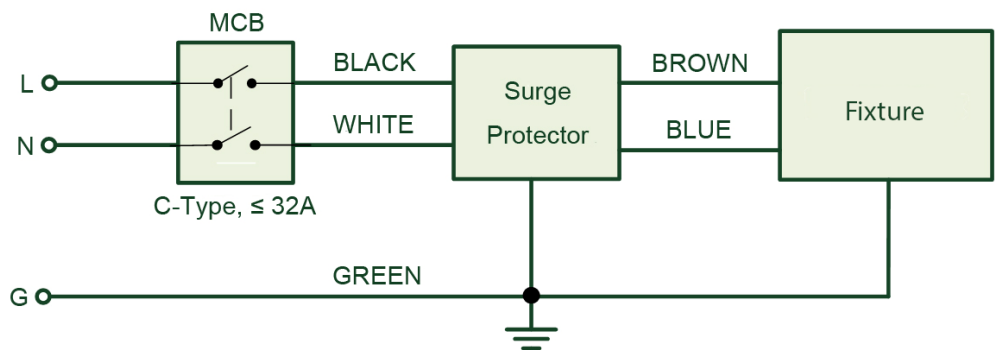
102549 - 10kA Surge Protective Device

- 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 DIMENSIONS



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.



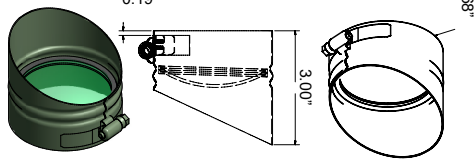
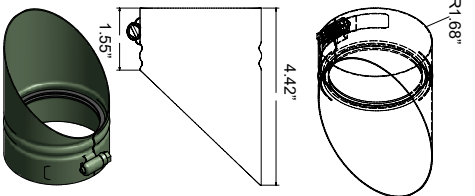
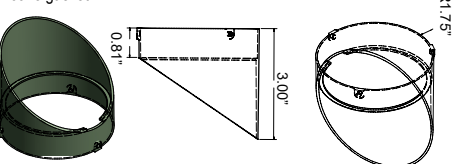
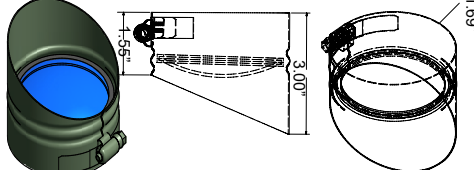
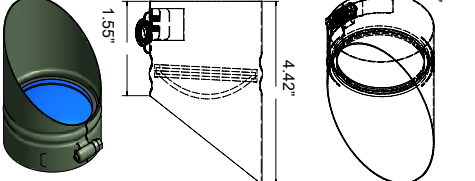
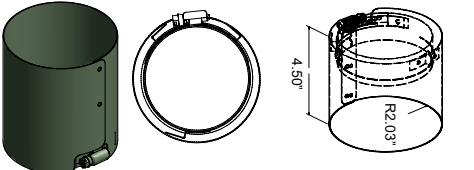
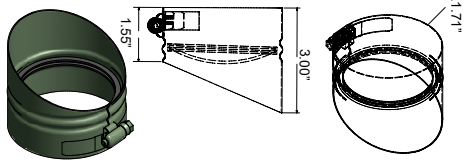
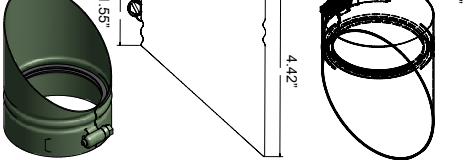
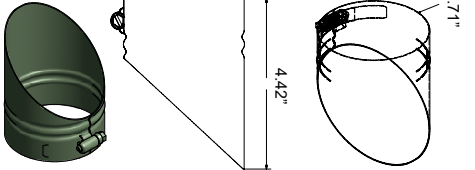
TECHLIGHT
GROUNDED IN ILLUMINATION

2009 McKenzie Drive Suite 110 | Carrollton, TX 75006 | PH: 800.225.0727 www.techlight.com

All dimensions and specifications are subject to change without notice.

REV: 20260224-10

SHIELDS Specify shield finish as suffix from options in the ordering chart on page 1.
Example: S1DN ODG

UP SHIELDS	DOWN SHIELDS	TUBES
S2UP = Up Shield with convex lens and molded silicone gasket 0.19" 	S34DN = Down Shield with Lens 	S2-CA = Die cast aluminum up shield with convex lens and molded silicone gasket 
S36UP = Up Shield with Blue Lens and molded silicone gasket 	S35DN = Down Shield with Blue Lens 	S163P = Premium Tube Lens 
S41UP = Up Shield with Quarter Blue Lens and molded silicone gasket 	S40DN = Down Shield with Quarter Blue Lens 	
	S1DN = Down Shield 	

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.

