TECHLIGHT
INNOVATION IN ILLUMINATION

# R3AG SERIES

## Medium R30 Aluminum Bullet for LED PAR30

| Catalog Number | |
|---|---|
| Project | Type |

| SERIES | HOUSING HEIGHT | LENGTH & WIDTH |
|---|---|---|
| **R3AG** | 7.0” | 6.9” x 4.4” |

## FEATURES & SPECIFICATIONS

**CONSTRUCTION** — Made with a die cast aluminum housing with stainless steel fasteners. Designed to efficiently operate PAR30 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.

**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 PAR30 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:

**R3AG S3DN BZ**

| **R3AG** | | |
|---|---|---|
| SERIES | SHIELD[1] | FINISH |
| | **S3DN** = Down shield<br>**S4UP** = Up shield with convex lens and molded silicone gasket<br>**S5** = Down Statue/Spot/Tube<br>**S5UP** = Up Stature/Spot/Tube with convex lens and molded silicone gasket<br>**S6DN** = Down shield with ring<br>**S32DN** = Down Shield With Lens<br>**S48DN** = Down shield with blue lens and molded silicone gasket<br>**S49UP** = Up shield with blue lens<br>**S4-CA** = Die cast aluminum up shield with convex lens and molded silicone gasket<br>**S5-P** = Premium tube lens | **BZ** = Bronze<br>**BK** = Black<br>**GR** = US Green<br>**WH** = White<br>**ODG** = Olive Drab Green<br>**SP**[2] = Special |

## 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.
5 = XX could be 30 = 3000K, 40 = 4000K, 65 = 6500K or MVS = Moonlight. See **ALUMA-LUX** Series specification sheet for details.

## 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) |
| **LMS** | 20” X 2.5” Mounting Stake (SCH 40 PVC) |
| **LMSZ-BK** | 20” X 2.5” Mounting Stake (Zinc Top Painted Black) |
| **S81** | Honeycomb Louver |
| **TLSBBJB** | Brass Junction Box |
| **TLHB800RCH** | Digital Timer |
| **PSJ163** | 16 Gauge 3 Strand Lead Wire (Color Coded) Per Linear Foot |

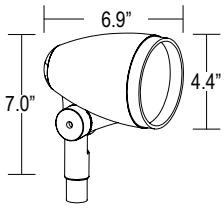
### LAMPS

| | |
|---|---|
| **LUVPAR3012WXXK**[3,4] | LED 12W PAR30 |
| **ALUMAPAR3012WxxK**[3,5] | LED 12W PAR30 |

# R3AG Medium R30 Aluminum Bullet

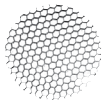
## AVAILABLE FIXTURE DIMENSIONS

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




## ADDITIONAL ACCESSORIES

**S81**
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

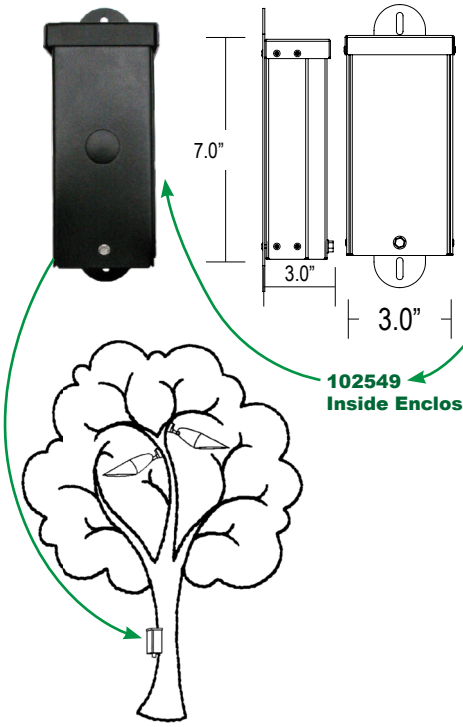
**B06**
Brass Tree Base

**B10**
1/2” Hub with Ground

**LMSB, LMS, LMSZ-BK**
20” x 2.5” Mounting Stakes

## SURGE PROTECTION DEVICE

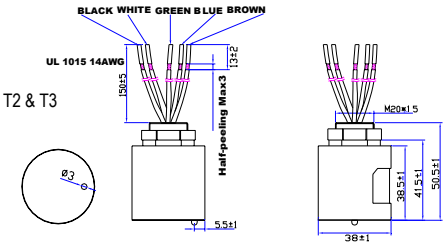
**FSPENCA277V[4] -** 10kA surge protector device (**102549**) with aluminum enclosure



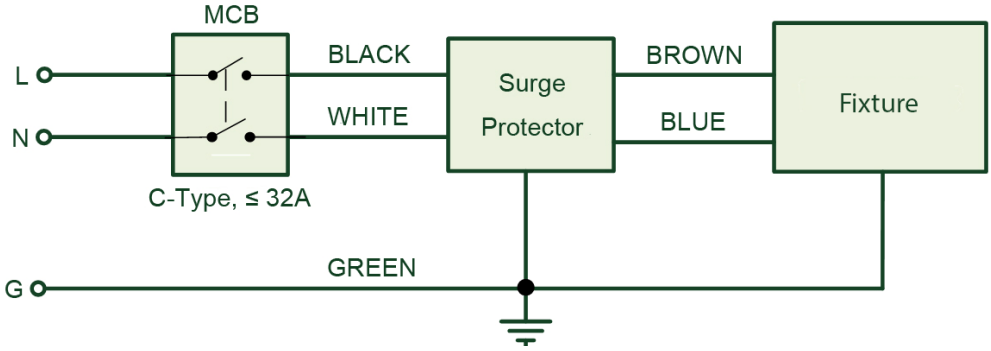

**102549 -** 10kA Surge Protective Device

- 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
INNOVATION IN ILLUMINATION
2707 SATSUMA DR. I DALLAS, TX 75229 I PH: 800.225.0727 I EMAIL: TECHLIGHT@TECHLIGHT.COM I www.techlight.com



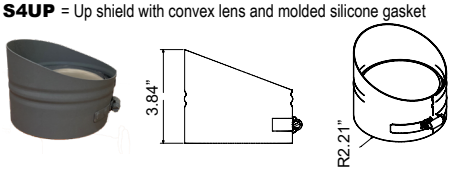
**All dimensions and specifications are subject to change without notice.**

# R3AG Medium R30 Aluminum Bullet

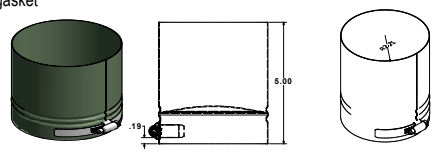
## SHIELDS

### UP SHIELDS

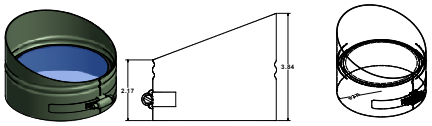
**S4UP** = Up shield with convex lens and molded silicone gasket



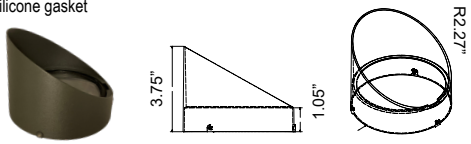

**S5UP** = Up Stature/Spot/Tube with convex lens and molded silicone gasket




**S49UP** = Up shield with blue lens

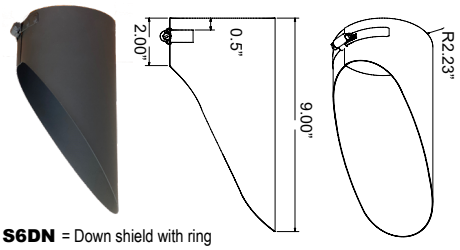



**S4-CA** = Die cast aluminum up shield with convex lens and molded silicone gasket

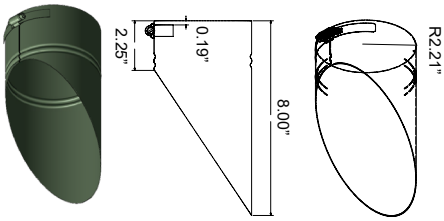



### DOWN SHIELDS

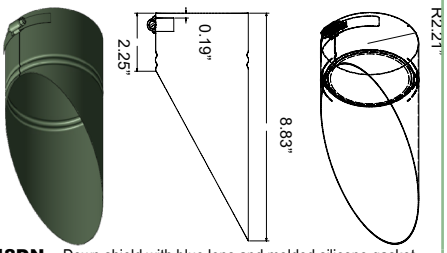
**S3DN** = Down shield



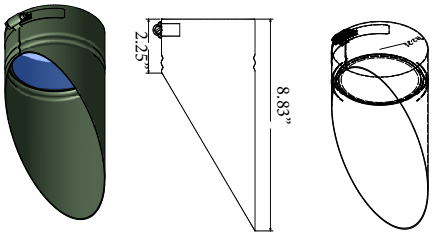

**S6DN** = Down shield with ring




**S32DN** = Down Shield With Lens

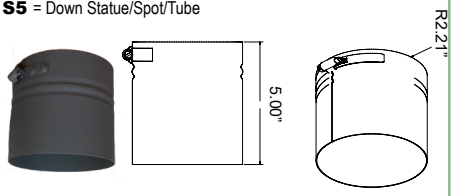



**S48DN** = Down shield with blue lens and molded silicone gasket

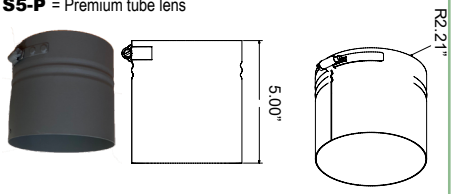



### TUBES

**S5** = Down Statue/Spot/Tube




**S5-P** = Premium tube lens




**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

2707 SATSUMA DR. I DALLAS, TX 75229 I PH: 800.225.0727 I EMAIL: TECHLIGHT@TECHLIGHT.COM I www.techlight.com



**All dimensions and specifications are subject to change without notice.**