R3AG SERIES

Medium R30 Aluminum Bullet

Catalog Number

Project

Type

FEATURES & SPECIFICATIONS

CONSTRUCTION — Made with a die cast aluminum housing with stainless steel fasteners. Designed to efficiently operate R30 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.

MOUNTING — Comes standard with a 1/2" threaded knuckle mount, fully adjustable swivel arm, and locking teeth. The fixture can be mounted directly to the ballast enclosure, or it can be remote mounted using a Techlight mounting accessory.

Fixture shown with S4UP Up Shield

SERIES	HOUSING HEIGHT	LENGTH & WIDTH
R3AG	7.0"	6.9" x 4.4"

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:

R3AG S3DN BZ

R3AG		
SERIES	**SHIELD[1]**	**FINISH**
	S3DN = Down shield **S4UP** = Up shield with convex lens and molded silicone gasket **S5** = Down Statue/Spot/Tube **S5UP** = Up Stature/Spot/Tube with convex lens and molded silicone gasket **S6DN** = Down shield with ring **S32DN** = Down Shield With Lens **S48DN** = Down shield with blue 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 **S5-P** = Premium tube lens	**BZ** = Bronze **BK** = Black **GR** = US Green **WH** = White **ODG** = Olive Drab Green **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.
6 = Line voltage bullets require LARGE stakes.

ACCESSORIES (Order as separate line items)

BASE

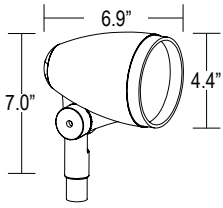|	
B01GL	Tree Base With Ground Lug
B02	1/2" Conduit Base
B03	3-Hole Round Cover
B06	Brass Tree Base
B10	1/2" Hub With Ground
B16-12	Palm Tree Base With 12' Strap
LMSB[6]	20" X 2.5" Mounting Stake (Brass)
LMS[6]	20" X 2.5" Mounting Stake (SCH 40 PVC)
LMSZ-BK[6]	20" X 2.5" Mounting Stake (Zinc Top Painted 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

REV: 20240320-05

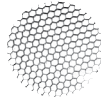# R3AG Medium R30 Aluminum Bullet

AVAILABLE FIXTURE DIMENSIONS

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

6.9"
7.0"
4.4"

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
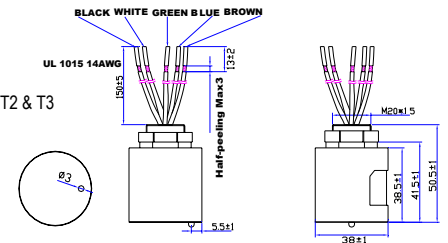1/2" Hub with Ground

LMSB, LMS, LMSZ-BK[6]
20" x 2.5" Mounting Stakes

SURGE PROTECTION DEVICE

FSPENCA277V[4] **-** 10kA surge protector device (**102549**) with aluminum enclosure
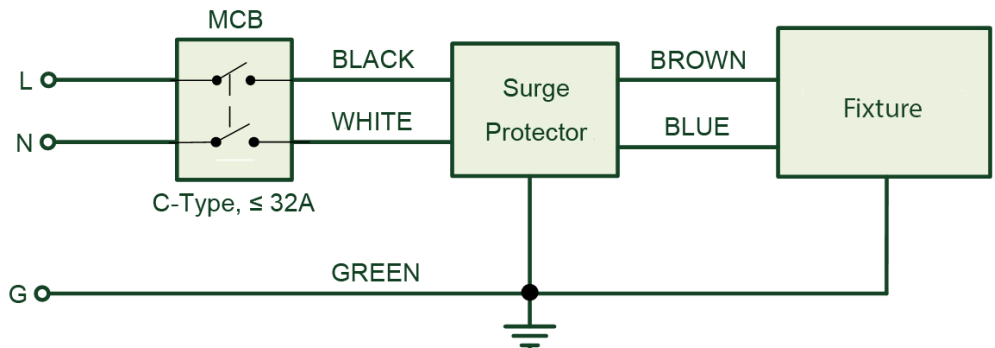
7.0"
3.0"
3.0"

102549
Inside 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

BLACK WHITE GREEN BLUE BROWN
UL 1015 14AWG
150±5
13±2
Half-peeling Max.3
Ø3
5.5±1
M20±1.5
38.5±1
41.5±1
50.5±1
38±1

102549 WIRING DIAGRAM (IN SERIES)

MCB
L
N
BLACK
WHITE
C-Type, ≤ 32A
Surge Protector
BROWN
BLUE
Fixture
G
GREEN

TECHLIGHT
INNOVATION IN ILLUMINATION

R3AG Medium R30 Aluminum Bullet

SHIELDS

UP SHIELDS	DOWN SHIELDS	TUBES

UP SHIELDS

S4UP = Up shield with convex lens and molded silicone gasket

3.84" R2.21"

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

5.00 .19"

S49UP = Up shield with blue lens

3.34 2.17

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

3.75" 1.05" R2.27"

DOWN SHIELDS

S3DN = Down shield

2.00" 0.5" 9.00" R2.23"

S6DN = Down shield with ring

2.25" 0.19" 8.00" R2.21"

S32DN = Down Shield With Lens

2.25" 0.19" 8.83" R2.21"

S48DN = Down shield with blue lens and molded silicone gasket

2.25" 8.83"

TUBES

S5 = Down Statue/Spot/Tube

5.00" R2.21"

S5-P = Premium tube lens

5.00" R2.21"

TECHLIGHT
INNOVATION IN ILLUMINATION