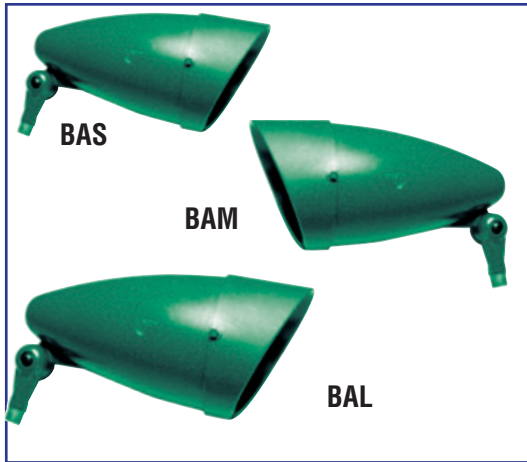
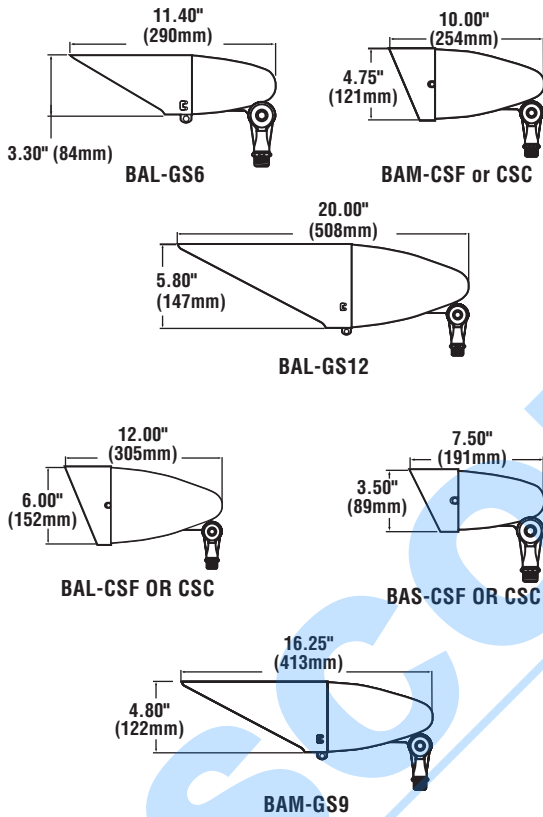


LSI GREENLEE BAL/BAM/BAS SERIES

BULLET HIGHLIGHTER



DIMENSIONS



LAMP TYPES: Metal Halide, High Pressure Sodium and Incandescent lamps must be ordered separately.

HOUSING: Die cast aluminum.

SHIELD: CS-Cast Shields are die-cast aluminum and are available with or without lenses. GS-Glare Shields are fabricated, pre-galvanized steel and do not include lenses. Both shield styles may be rotated 360° to provide precise cut-off control.

FINISH: Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, white, satin verde green, metallic silver, and graphite.

LENS: Standard lens is flat, tempered heat and impact resistant glass. An optional convex tempered heat and impact resistant borosilicate glass lens is available. Lens gaskets are high temperature silicone. Downlights do not require lenses.

LAMPHOLDER: Glazed porcelain, medium base, 4KV pulse rated with spring center contact. Ceramic G-12 Bi-pin for T6 lamps. Ceramic GX10 twist-lock for CMH MR16 lamps.

MOUNTING: 1/2" NPSM mounting arm is standard. Mounting arm may be threaded into hubs in tree or surface mounts, spikes, junction boxes, or CH style ballast enclosures. Mounting arm provides a 200°+ range of motion to achieve desired aiming angles.

OPTICS/AIMING: BAL is available with FL-Flood or SP-Spot optics for use with E-17 medium base lamps. Other versions of the BAL/BAM/BAS require R or PAR type reflector lamps for proper performance. Shield rotates 360° to provide precise cut-off control. A shield with lens is required on Uplights.

WIRING: Pre-wired with 200°C rated wire. A ground lead is provided.

EXTRA VALUE FEATURES:

- High Performance spot and flood reflectors.
- A choice of shield types and lengths.
- Flexible combination of optics/lamps.

BAL/BAM/BAS Series bullets are perfect for design build contractors that must meet demanding installation schedules. They are easy to install and adjust. Lighting designers will be pleased with the many accessories available to create special effects. These include color filters, spread lenses, and a wide variety of shields. BAL-bullets offer high performance spot and flood optics that increase efficiency and lower operating expenses.

ARRA
Funding Compliant



Project Name _____ Fixture Type _____
 Catalog # _____

LSI GREENLEE BAL/BAM/BAS SERIES

BULLET HIGHLIGHTER



LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **BAL FL SVG BAL-CSC**

DAG 100 MH 120 SVG

Luminaire Prefix	Optics ¹	Luminaire Finish	Options
BAL	FL-Flood Reflector 65° Beam Spread ² MH-Up to 150 watt E-17 HPS-Up to 150 watt E-17 SP-Spot Reflector 10° Beam Spread ² MH-Up to 150 watt E-17 HPS-Up to 150 watt E-17 PAR38-Reflector Lamps ² MH-Up to 150 watt PAR38 INC-Up to 250 watt PAR38	BRZ - Bronze BLK - Black SVG - Satin Verde Green WHT - White PLP - Platinum Plus GPT - Graphite MSV - Metallic Silver Buf - Buff	BAL-CSC-Cast Glare Shield w/Convex Lens BAL-CSF-Cast Glare Shield w/Flat Lens BAL-CSN-Cast Glare Shield w/No Lens ³ BAL-GS12-Glare Shield w/No Lens ³ Accessories CTM - Contractor Tree Mount SCI - Cast Iron Spike w./cord set (INC only) - Fits BAL/M/S SJI - Cast Iron Spike/J -Box - Fits BAL/M/S SPB - Mounting Spike PVC 100-watt HID Max T - Tree Mount J-Box BAL-INL-Internal Louver (Shield w/Lens required) ⁴ BAL-CFX-Color Filter (Shield w/Lens required) ⁴
BAM	PAR30- PAR30/PAR30L ² INC-Up to 75 watt PAR30/PAR30L MH-Up to 70 watt PAR30L	BRZ - Bronze BLK - Black SVG - Satin Verde Green WHT - White PLP - Platinum Plus GPT - Graphite MSV - Metallic Silver Buf - Buff	Options BAM-CSC-Cast Glare Shield w/Convex Lens BAM - CSF-Cast Glare Shield w/Flat Lens BAM - CSN-Cast Glare Shield w/No Lens ³ BAM - GS9-Glare Shield w/No Lens ³ Accessories BAM-INL-Internal Louver (Shield w/lens required) ⁴ BAM-CFX-Color Filter (Shield w/Lens required) ⁴ CTM - Contractor Tree Mount SPB - Mounting Spike PVC T - Tree Mount J-Box
BAS	RFL-For PAR20/R20 Reflector Lamps ² INC-Up to 50 watt PAR20 MH-Up to 39 watt PAR20 CMH - up to 39 Watt MR16	BRZ - Bronze BLK - Black SVG - Satin Verde Green WHT - White PLP - Platinum Plus GPT - Graphite MSV - Metallic Silver Buf - Buff	Options BAS-CSC-Cast Glare Shield w/Convex Lens BAS-CSF-Cast Glare Shield w/Flat Lens BAS-CSN-Cast Glare Shield w/No Lens ³ BAS-GS6-Glare Shield w/No Lens ³ Accessories BAS-INL-Internal Louver (Shield w/lens required) ⁴ BAS-CFX-Color Filter (Shield w/lens required) ⁴ CTM - Contractor Tree Mount SPB - Mounting Spike PVC T - Tree Mount J-Box
LVBAS	MR16-Bi Pin up to 75 watts ²		

Ballast	Wattage/Lamp Type ⁶	Voltage	Ballast Finish	Options
AG - Above Grade (specify fixture mounting)	39, 50, 70, 100, 150 MH 50, 70, 100, 150 HPS	120 208 240 277 MT	BRZ - Bronze BLK - Black SVG - Satin Verde Green WHT - White PLP - Platinum Plus GPT - Graphite MSV - Metallic Silver	N/A
DAG - Dual Above Grade (specify fixture mounting)	2x39, 2x50, 2x70, 2x100 MH			
WMBS - Above Ground/Wall Mounted Ballast in Cast Enclosure with Cover	39, 70 MH	120-277		
WMDB - Above Ground/Wall Mounted Dual Ballast in Cast Enclosure with Cover	2 x 39 MH			
CFH - Composite Buried Box with Hub Lid ⁵	39, 50, 70, 100, 150 MH 35, 50, 70, 100, 150 HPS	120 208 240 277 MT (35 Watt HPS - 120 Volt Only)	BRZ - Bronze BLK - Black	TR - Tamper Resistant Fasteners (CH & CF Enclosures only) - Order TR Key Separately TR Key - Key for TR Fasteners
CFB - Composite Buried Box with Flat Lid (specify fixture mounting) ⁵				Consult Factory for International Voltages and Light Sources

FOOTNOTES:

- 1- HID fixtures require a ballast.
- 2- May be aimed up or down but Uplights require shield with lens.
- 3- Glare shields without lenses must be used for downlights ONLY.
- 4- Restricted use item. Consult web site or factory for details.

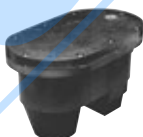
5- For additional grade mounted ballasts, please see data sheets for Greenlee accessories and Greenlee ballast enclosures.

6- LAMP NOT INCLUDED WITH FIXTURE. ORDER SEPARATELY. See Lamp guide for additional information. Remote ballasts with ignitors have limited starting distances. See Accessory section for further information.

OPTIONS / ACCESSORIES



Double Above Grade Ballast Box (DAG)



Composite Box w/Hub Lid (CH) and w/Flat Lid (CF)



Above Grade Ballast Box (AG)



Mounting Spike (SPB)



T-Tree Mount (T)
UL Listed



Contractor Tree Mount (CTM)
NOT UL Listed



WMBS/D - Wall Mount with HID Ballast



Project Name _____ Fixture Type _____

Catalog # _____

10/22/15

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