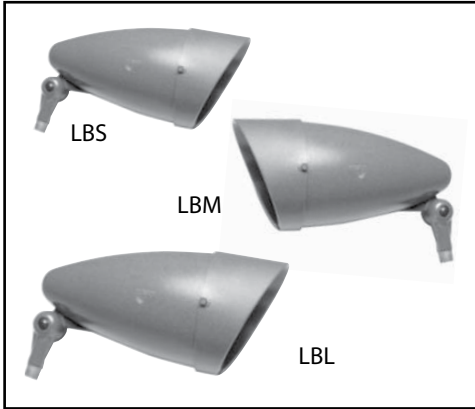
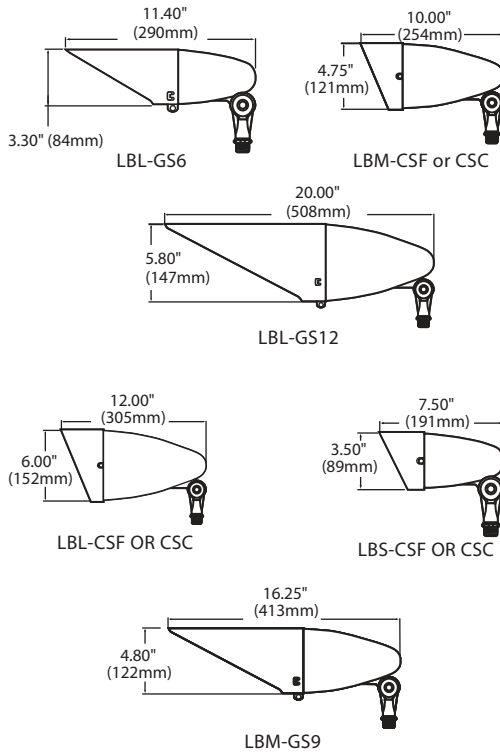


WLS LIGHTING SYSTEMS

LANDSCAPE FLOODLIGHT LB SERIES



DIMENSIONS



SPECIFICATIONS

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 shields styles may be rotated 360° to provide precise cut-off control.

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

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.

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 angle.

LAMPHOLDER - Glazed porcelain medium base, 3KV pulse rated with spring center contact. Ceramic G-12 Bi-pin for T6 lamps. Ceramic GX10 twist-lock for CMH MR16 lamps.

FINISH - Fixtures are finished with WLS 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, buff, white, satin verde green, graphite, and metallic silver. Custom colors available upon request.

OPTICS / AIMING - LBL is available with FL- Flood or SP - Spot optics for use with E-17 medium base lamps and G-12 T6 lamps. Other versions of the LBL / LBM / LBS require R or PAR type reflector lamps for proper performance. Shield rotated 360° to provide precise cut-off control. A shield with lens is required on Uplights.

WIRING - Pre-wired with 200°C rated ground 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.

LBL / LBM / LBS 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. LBL - bullets offer high performance spot and flood optics that increase efficiency and lower operating expense.

Approved By: _____ Project Name: _____

Location: _____ Date: _____

P.O. Box 100519 | Fort Worth, TX 76185 | 800.633.8711 | Fax: 817.735.4824 | www.wslighting.com

WLS LIGHTING SYSTEMS

Consider the Impact!

LB SERIES

LANDSCAPE FLOODLIGHT

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.

SERIES	OPTICS ¹	LUMINAIRE	BALLAST	WATTAGE/LAMP		LUMINAIRE/BALLAST	
		OPTIONS		TYPE ⁶	VOLTAGE ²	FINISH	OPTIONS
LBL	FL - Flood Reflector 65° Beam Spread ² MH - Up to 150 watt E-17 HPS - Up to 150 watt E-17 FLG12 - Flood to 150 watts SP - Spot Reflector 10° Beam Spread ² MH - Up to 150 watt E-17 HPS - Up to 150 watt E-17 SPG12 - Spot to 150 watts T6 G-12 lamps PAR38 - Reflector Lamps ² MH - Up to 150 watt PAR38 HPS - Up to 150 watt PAR38	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-CS12 - Glare Shield w/No Lens ³	AG - Above Grade (specify fixture mounting) DAG - Dual Above Grade (specify fixture mounting) WMBS - Above Ground / Wall Mounted Ballast in Cast Enclosure with Cover	MH - 39, 50, 70, 100, 150 HPS - 50, 70, 100, 150	120V 208V 240V 277V MT	BRZ - Bronze BLK - Black PLT - Platinum Plus BUF - Buff WHT - White GRN - Green CC - Custom Color	
		ACCESSORIES CTM - Contractor Tree Mount SCI - Cast Iron Spike w/Cord Set (INC only) - Fits LBL/LBM/LBS 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	WMDB - Above Ground / Wall Mounted Duel Ballast in Cast Enclosure with Cover	MH - 2x39, 2x50, 2x70, 2x100 MH - 39, 70	120-277V		
		ACCESSORIES LBM-INL - Internal Shield (Shield w/Lens required) ⁴ LBM-CFX - Color Filter (Shield w/Lens required) ⁴ CTM - Contractor Tree Mount SPB - Mounting Spike PVC T - Tree Mount J-Box	CH - Composite Buried Box with Hub Lid ⁵ CF - Composite Buried Box with Flat Lid (specify fixture mounting)	MH - 2x39 MH - 39, 50, 70, 100, 150 HPS - 39, 50, 70, 100, 150	120V 208V 240V 277V MT (35 watt HPS - 120 Volt only)		
LBM	PAR30 - PAR30 / PAR30L ² INC - Up to 75 watt PAR30 / PAR30L MH - Up to 70 watt PAR30L	LBM-CSC - Cast Glare Shield w/Convex Lens LBM-CSF - Cast Glare Shield w/Flat Lens LBM-CSN - Cast Glare Shield w/No Lens ³ LBM-GS9 - Glare Shield w/No Lens ³	CF - Composite Buried Box with Flat Lid (specify fixture mounting)	MH - 39, 50, 70, 100, 150 HPS - 39, 50, 70, 100, 150	120V 208V 240V 277V MT (35 watt HPS - 120 Volt only)		
LBS	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	LBS-CSC - Cast Glare Shield w/Convex Lens LBS-CSF - Cast Glare Shield w/Flat Lens LBS-CSN - Cast Glare Shield w/No Lens ³ LBS-GS9 - Glare Shield w/No Lens ³					
LBLBS	MR16 - Bi-pin up to 75 watts ²	ACCESSORIES LBM-INL - Internal Shield (Shield w/Lens required) ⁴ LBM-CFX - Color Filter (Shield w/Lens required) ⁴ CTM - Contractor Tree Mount SPB - Mounting Spike PVC T - Tree Mount J-Box					

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 factory for details.
- 5 - For additional grade mounted ballasts, please contact factory.
- 6 - LAMP NOT INCLUDED WITH FIXTURE. ORDER SEPARATELY. Contact factory for additional information. Remote ballasts with ignitors have limited starting distances. See accessories section for further information.

LBL FL BALCSF/CTM AG MH100 MT BRZ -
 (EXAMPLE ORDER)

ORDER:
WLS-LB

Approved By: _____ Project Name: _____

Location: _____ Date: _____

WLS LIGHTING SYSTEMS