

1910 LAKE BLUFF SERIES

SPECIFICATIONS

GENERAL

The 1910 LAKE BLUFF series are decorative downlight fixtures which consists of a decorative cast aluminum fitter, cast ballast housing assembly, a spun aluminum full shade, and lens.

FITTER

The fitter shall be heavy wall cast aluminum with eight flutes, 356 alloy for high tensile strength with an average wall thickness of .250". It shall have an 9 1/4" inside diameter opening to attach to the 9" neck of the acorn/shade assembly. When ordered with a Sternberg candy cane pole, the fitter shall be welded to the arm end or tenon for safety and to ensure the fixture will be plumb, secure and level over the life of the installation. The large end of the fitter shall contain the cast ballast housing.

BALLAST HOUSING

The ballast housing shall be heavy wall cast aluminum, 356 alloy for high tensile strength. The housing shall be cast as an integral part of the fitter to prevent water entry into the ballast compartment and to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life. The ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 ea finger latches.

ELECTRICAL

The fixture shall be U.L. or E.T.L. listed. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees C. Medium base and mogul base porcelain sockets are 4KV rated. The ballast/socket assembly shall be pre-wired and located in the fitter when specified with a medium base socket. All compact fluorescent (PL) ballasts shall be instant start electronic with a starting temperature of down to 0 degrees F. They shall have a 4-pin socket to accept quad or triple tube lamps. Ballasts shall be DOE EISA compliant.

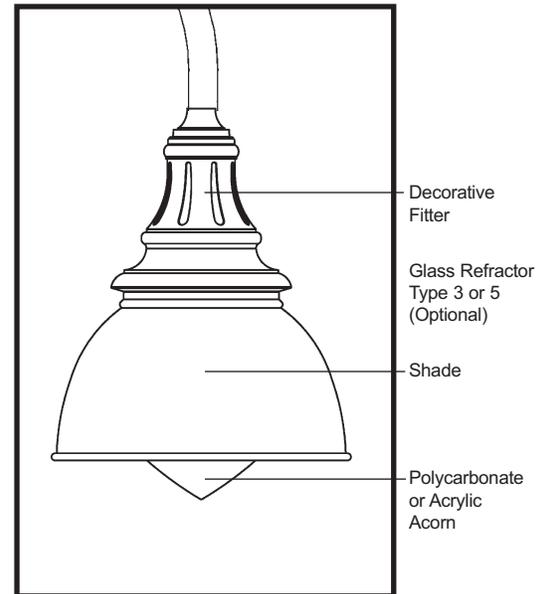
SHADE ASSEMBLY OPTIONS

The 1910 LAKE BLUFF series has an acorn globe that shall be 12" in diameter with a 9" diameter neck. It will be made of vandal resistant clear frosted, UV stabilized polycarbonate or dent resistant (DR) clear frosted acrylic. The assembly shall be sealed to help prevent insect penetration. The shade shall be made of .100 thick spun aluminum and have an outside diameter of 18". It shall be have an 9" spun aluminum neck for insertion into the cast fitter. The shade shall also have 4 each rivnuts riveted into its spun neck for connection to the acorn/globe.

OPTICAL OPTION FOR ACORN / SHADE ASSEMBLY

The 1910 LAKE BLUFF acorn mounted fixtures shall have an I.E.S. Type 3 distribution (RE3) or Type 5 distribution (RE5) borosilicate prismatic glass refractor, spring held into position around the medium base socket. The refractor shall be conical shaped with a diameter of 5" on one end and 4 1/2" on the other. The glass refractor shall be 5" tall. Mogul sockets require RE3 or RE5 glass refractors.

House Side Shield (HSS) is an option which will block up to 120° of light in any one direction.



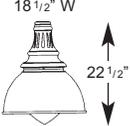
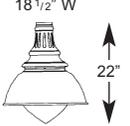
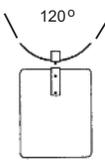
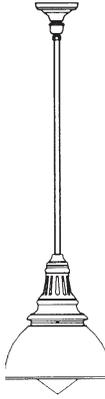
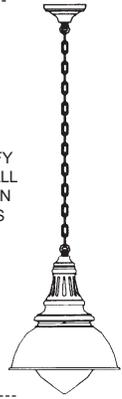
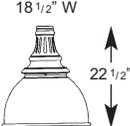
**1910 EPA = 0.74 (ft²)
WEIGHT = 12 LBS**

**LIST NO.
1910
LAKE BLUFF
SERIES**

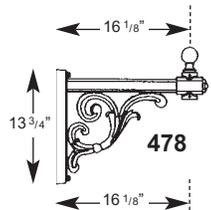
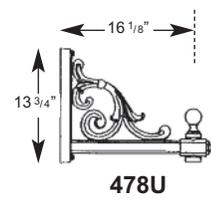
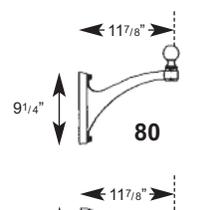
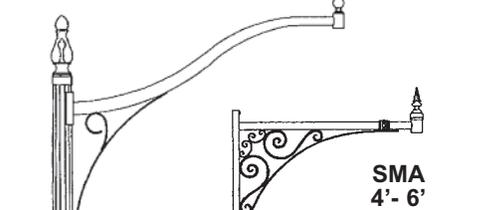
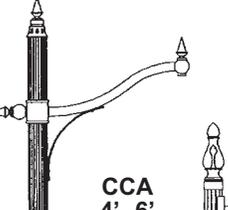
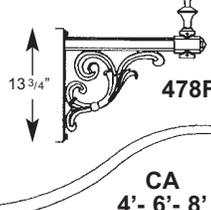
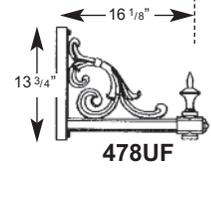
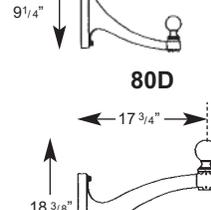
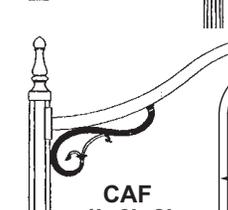
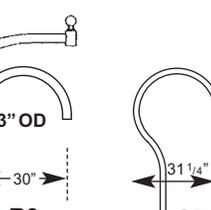
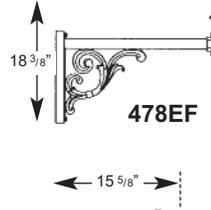
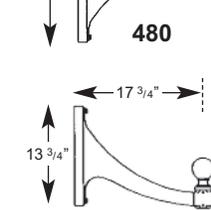
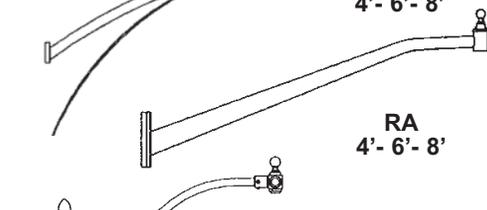
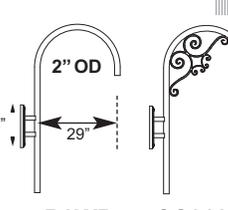
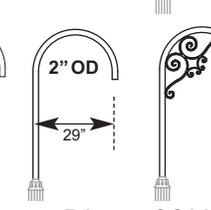
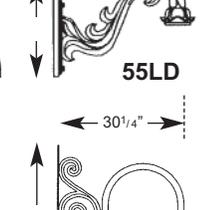
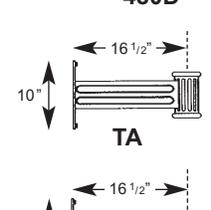
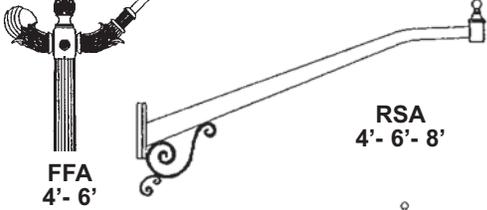
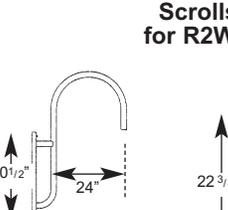
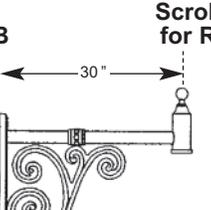
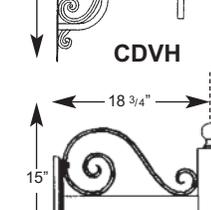
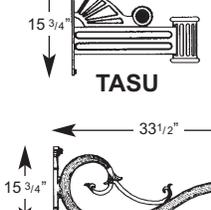
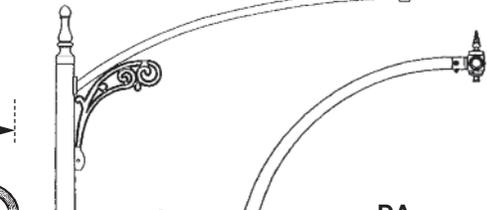
1910 LAKE BLUFF SERIES

FIXTURES/ARMS PM-WB

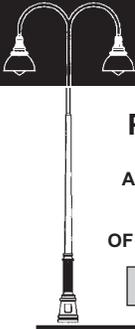
FIXTURES / FITTER OPTICAL SYSTEMS / CUT-OFF OPTICS / HANGING BRACKETS

 <p>1910/5/LB Poly 1910A/5/LB Acrylic 3/4 Shade</p>	 <p>1910/5/LBS Poly 1910A/5/LBS Acrylic 1/2 Shade</p>	 <p>RE3 RE5 Refractor</p>	 <p>HSS House Side Shield</p>	 <p>SH44 Stem Hung</p>	 <p>CH44 Chain Hung</p>
 <p>1910/5/LBL Poly 1910A/5/LBL Acrylic Full Shade</p>	 <p>5Q Standard Fitter</p>	 <p>RE3* RE5* Refractor <small>* For Mogul Socket in 1930 only</small></p>	<p>SPECIFY OVERALL DROP IN INCHES</p>		

ARMS - POST MOUNT (PM) or WALL BRACKETS (WB) See Arms Section for more information

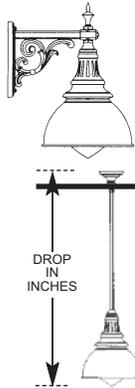
 <p>GRA 4'-6'</p>	 <p>478</p>	 <p>478U</p>	 <p>80</p>	 <p>SMA 4'-6'</p>
 <p>CCA 4'-6'</p>	 <p>478F</p>	 <p>478UF</p>	 <p>80D</p>	 <p>CAS 4'-6'-8'</p>
 <p>CA 4'-6'-8'</p>	 <p>478EF</p>	 <p>480</p>	 <p>480D</p>	 <p>CBA 4'-6'-8'</p>
 <p>CAF 4'-6'-8'</p>	 <p>R3</p>	 <p>QPM</p>	 <p>55LD</p>	 <p>CSA 4'-6'-8'</p>
 <p>R2WB</p>	 <p>CC3693 Scrolls for R2WB</p>	 <p>R2</p>	 <p>CC3693 Scrolls for R2</p>	 <p>RA 4'-6'-8'</p>
 <p>91W</p>	 <p>678</p>	 <p>6236U</p>	 <p>TA</p>	 <p>FFA 4'-6'</p>
			 <p>TASU</p>	 <p>DAG 4'-6'-8'</p>
			 <p>86</p>	 <p>DA 4'-6'-8'</p>

BUILDING A PART NUMBER



POST & ARM FIXTURES

ARM MOUNTED FIXTURE NO.	CENTER POST TOP FIXTURE (PT)	POST	POST CAP	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
OF ARMS	FIXTURE / POSTARM	FIXTURE	(See Post Section)	WATTS / TYPE / VOLTS			
2	1910/5LB/RPM	PT	3900RT4-12AG	100 HPS120	RE3	MHP100/MED	BKT



WALL FIXTURES

FIXTURE / WALL BRACKET	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
WATTS / TYPE / VOLTS				
1910/5LB/478FWB	100 HPS120	RE3	HPS100/MED	BKT

HANGING FIXTURES

FIXTURE / HANGING BRACKET	OVERALL DROP IN INCHES	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
WATTS / TYPE / VOLTS					
1910/5LB/SH44	48 INCHES	100 HPS120		HPS100/MED	BKT

PART NUMBER SELECTIONS

FIXTURES

- 1910/5LBS²
- 1910A/5LBS²
- 1910/5LB²
- 1910A/5LB²
- 1910/5LBL²
- 1910A/5LBL²

OPTICS

- RE3
- RE5
- HSS

VOLTAGES

- 120
- 208
- 240
- 277
- 480
- MULTI (120-277)

POST ARMS

- 80PM
- 80DPM
- 86PM
- 480PM
- 480DPM
- 478PM
- 478FPM
- 478UPM
- 478UFPM
- TAPT
- TASUPT
- 478EFPM
- 678PM
- 55LDPM
- 6236UPM
- CDVHPM
- 91WPM
- RPM
- R3PM
- QPM
- CSA4⁵
- CSA6⁵
- CSA8⁵
- SMA4⁵
- SMA6⁵
- CAS4⁵

POST ARMS

- CAS6⁴
- CAS8⁴
- CCA4⁴
- CCA6⁴
- CAF4⁴
- CAF6⁴
- CAF8⁴
- CBA4⁴
- CBA6⁴
- CBA8⁴
- RSA4⁴
- RSA6⁴
- RSA8⁴
- FFA4⁴
- FFA6⁴
- RA4⁴
- RA6⁴
- RA8⁴
- DA4⁴
- DA6⁴
- DA8⁴
- DAG4⁴
- DAG6⁴
- DAG8⁴
- CA4⁴
- CA6⁴
- CA8⁴

WALL BRACKET ARMS

- 55LDWB
- 80WB
- 80DWB
- 86WB
- 91WWB
- 478WB
- 478FWB
- 478UWB
- 478UFWB
- 478EFWB
- 480WB
- 480DWB
- 678WB
- 6236UWB
- CDVHWB
- R2WB
- TAWB
- TASUWB

HANGING BRACKETS

- CH44
- SH44

BALLASTS^{3,5}

- 35HPS¹
- 50HPS
- 70HPS
- 100HPS
- 150HPS
- 50MHP
- 70MHP
- 100MHP
- 150MHP
- 26PLT
- 32PLT
- 42PLT
- 57PLT
- 70PLT
- INCAND

LAMPS⁵

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- MHP50/MED
- MHP70/MED
- MHP100/MED
- MHP150/MED
- PLT26
- PLT32
- PLT42
- PLT57
- PLT70

STANDARD FINISHES*

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

*Smooth Finishes are available upon request

CUSTOM FINISHES

- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

STERNBERG SELECT FINISHES

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

NOTES:

- 1 35HPS is 120 volt only.
- 2 150 watt maximum.
- 3 Medium base sockets standard for 1910 with ballasts up to 200 watts HID. Mogul base sockets can be used if ballast is remote mounted. 4-pin for PL.
- 4 Add (S) Spike or (B) Ball after arm to designate type of finial.
- 5 Metal halide systems are pulse start.

OPTIONS

- FHS Single Fuse and Holder-120,277 Volt
- FHD Dual Fuse and Holder-208,240,480 Volt
- QR Quartz Re-Strike
- PF Pineapple Finial or Font (TA, TASCRA)
- CC3693 Scrolls for R2 or R3 Arm
- HS Hangstraight
- LAMPS Select from List

Note: Photocell option available for arm or pole mounting only

1910 LAKE BLUFF SERIES**SPECIFICATIONS****LIST NO.
1910
LAKE BLUFF
SERIES****QUARTZ RE-STRIKE**

The fixture can be supplied with an optional quartz re-strike system to retain constant fixture light if the H.I.D. lamp fails. The fixture will be equipped with a 100 watt quartz lamp and a controller to run on a 120 volt circuit and must be used in conjunction with a 120 volt or multi-tap ballast.

PHOTOCELLS

Photocells shall be the electronic button type. On single post top fixtures the photocell shall be mounted in the fitter and pre-wired to ballast. On multiple head fixture assemblies photocells shall be mounted in the pole shaft on an access plate and are not pre-wired as ballast housing assemblies and fitters are packaged separately for ease of wiring to source. The electronic button type photocell is instant on and a 5-10 second turn off and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocells are 120-277 volt.

ARMS

All arms are made of cast aluminum and/or extruded aluminum. Arms with decorative filigree have meticulously detailed scroll work and gracefully curved brackets. All fixtures will have its fitter either welded to the arm or will be mechanically attached at the factory to ensure arms will be plumb, secure and level over the life of the installation. Each arm shall be bolted to a post mount adapter, which is welded to the pole to ensure proper alignment to the base. Arms are pre-wired for ease of installation.

FINISH

Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrostatically applied semi-gloss, super durable polyester powder baked at 400 degrees for a durable and superior, color retentive finish. Our optional antique Verde Green finish and Swedish Iron finish are hand brushed using a 3-step process. The total assembly shall be wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

WARRANTY

Five-year limited warranty. See product and finish warranty guide for details.

