

LF/LFH LAKE FOREST SERIES

SPECIFICATIONS

GENERAL

The LF/LFH Lake Forest series is a traditional downlight fixture which consists of a spun aluminum shade, ballast compartment and optic lens.

BALLAST HOUSING

The ballast housing shall be heavy wall spun aluminum. The housing shall be an integral section of the shade. The ballast shall be attached to the ballast housing by two aluminum wide faced "Z" brackets to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life.

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 to the medium base socket ballast is located in the fitter. 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.

ACORN LENS / SHADE ASSEMBLY OPTION

The LF/LFH shall have a 1910 acorn lens which shall be 12" in diameter with a 9" diameter neck. It will be made of vandal resistant clear frosted, UV stabilized polycarbonate. The shade shall be made of .100 thick spun aluminum and have an outside diameter of 18" (Model LF or LFH18), 22" (Model LF or LFH22), 24" (Model LF or LFH24), 27" (Model LF or LFH27). The shade shall also have 4 each rivnuts riveted into its spun neck for connection to the acorn. House side shield (HSS) is an option which will block up to 120° of light in any one direction.

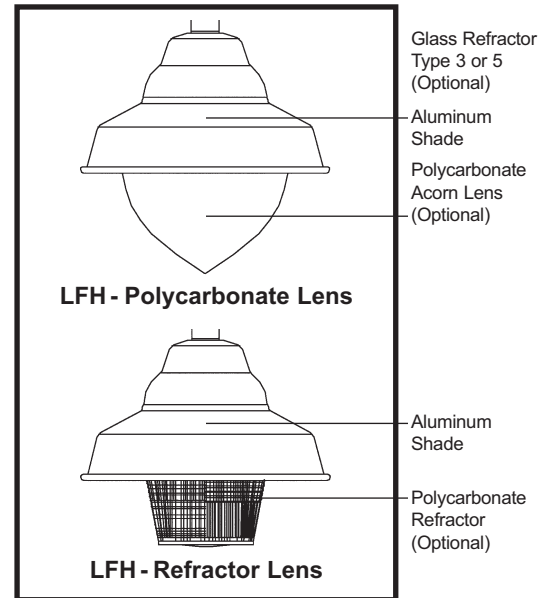
OPTICAL OPTION FOR ACORN / SHADE ASSEMBLY

The 1910 acorn mounted fixtures shall have an I.E.S. Type 3 (RE3) or Type 5 (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.

REFRACTOR LENS / SHADE ASSEMBLY OPTION

The LF/LFH shall have a refractor lens which shall be 9" diameter acrylic or polycarbonate with an I.E.S. Type 3 distribution (R3P) or Type 5 distribution (R5P). It shall be secured to the spun holder by 2 stainless steel latches providing tool-less entry for ease of relamping. The shade shall be made of .100 thick spun aluminum and have an outside diameter of 18" (Model LF or LFH18), 22" (Model LF or LFH22), 24" (Model LF or LFH24), 27" (Model LF or LFH27).

The LFH20CT shall have a refractor lens which shall be 12" diameter acrylic or polycarbonate with an I.E.S. Type 3 distribution (RE3P/CT) or Type 5 distribution (RE5P/CT). It shall be





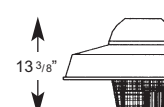
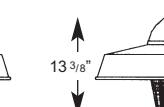
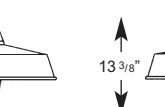
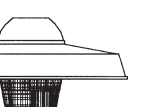
LFH EPA = 0.53 (ft²)
LF18 WEIGHT = 13 LBS
LFH18 WEIGHT = 14 LBS

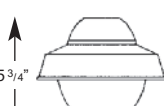
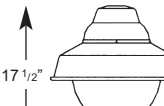
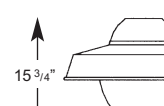
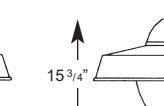
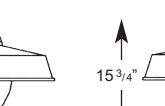
LIST NO.
LF/LFH
LAKE FOREST
SERIES

LF/LFH LAKE FOREST

FIXTURES / ARMS PM - WB

FIXTURES

18" W	18" W	22" W	24" W	27" W	20" W
					
R5P/LF18 R3P/LF18	R5P/LFH18 R3P/LFH18	R5P/LF22 R3P/LF22	R5P/LF24 R3P/LF24	R5P/LF27 R3P/LF27	R5P/LF20CT R3P/LF20CT

18" W	18" W	22" W	24" W	27" W
				
1910/LF18	1910/LFH18	1910/LF22	1910/LF24	1910/LF27

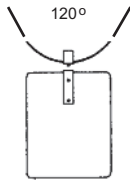
OPTICAL SYSTEMS

HANGING BRACKETS

For
1910/1930
Acorns

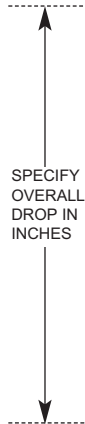


RE3
RE5
Refractor



HSS
House Side
Shield

SH44
Stem
Hung



SPECIFY
OVERALL
DROP IN
INCHES



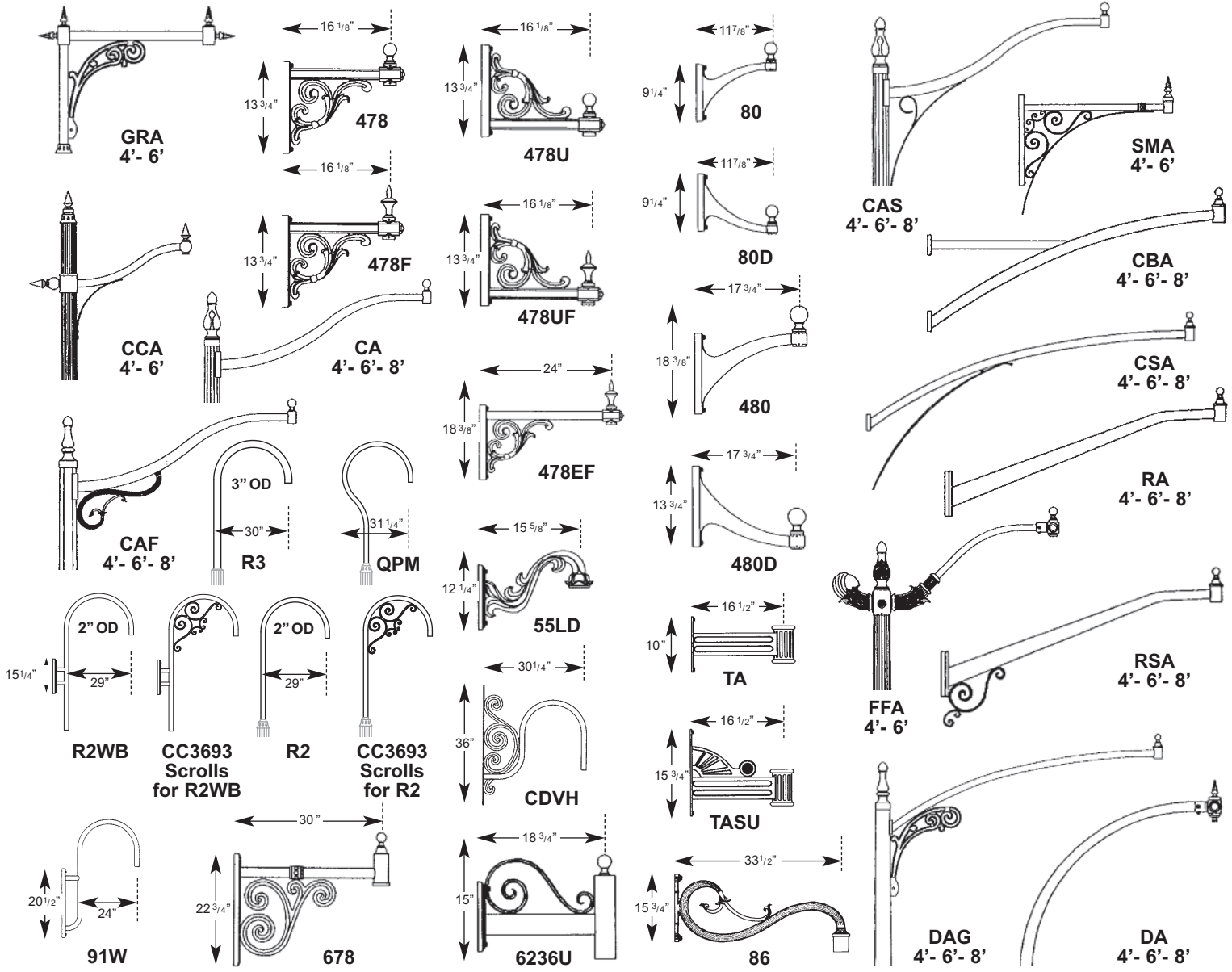
CH44
Chain
Hung

LF/LFH LAKE FOREST

FIXTURES / ARMS PM - WB

ARMS - POST MOUNT (PM) or WALL BRACKETS (WB)

See Arms Section for more information

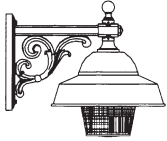




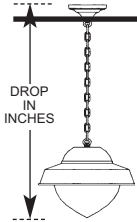
POST & ARM FIXTURES

ARM MOUNTED FIXTURE NO. OF ARMS	POST & ARM FIXTURE (PT) FIXTURE	POST (See Post Section)	POST CAP	LIGHT SOURCE BALLAST WATTS / TYPE / VOLTS	OPTICS	OPTIONS	FINISH
2	R5P/LFH18/RPM	PT	3900RT4-12AG	100 HPS120		HPS100/MED	BK

WALL FIXTURES



FIXTURE / WALL BRACKET	LIGHT SOURCE BALLAST WATTS / TYPE / VOLTS	OPTICS	OPTIONS	FINISH
R3P/LF18/478WB	100 HPS120		HPS100/MED	BK



HANGING FIXTURES

FIXTURE / HANGING BRACKET	OVERALL DROP IN INCHES	LIGHT SOURCE BALLAST WATTS / TYPE / VOLTS	OPTICS	OPTIONS	FINISH
1910/LF18/CH44	48 INCHES	100 HPS120		HPS100/MED	BK

PART NUMBER SELECTIONS

FIXTURES

- R5P/LF18^{2,6}
- R3P/LF18^{2,6}
- R5P/LFH18⁶
- R3P/LFH18⁶
- R5P/LF22⁶
- R3P/LF22⁶
- R5P/LF24⁶
- R3P/LF24⁶
- R5P/LF27⁶
- R3P/LF27⁶
- R5/LFH20CT⁸
- R3/LFH20CT⁸
- 1910/LF18^{2,7}
- 1910/LFH18
- 1910/LF22⁶
- 1910/LF24⁶
- 1910/LF27⁶

OPTICS⁶

- RE3
- RE5
- HSS

OPTIONS

- PEC1 Photocell-Bimetal 120 Volt
- PEC2 Photocell-Bimetal 208-277 Volt
- PEC1-E Photocell-Electronic 120 Volt
- PEC2-E Photocell-Electronic 208-277 Volt
- 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)
- BF Ball Finial or Font (TA, TASCRA)
- CC3693 Scrolls for R2 or R3 Arm
- HS Hangstraight
- LAMPS Select from List

POST ARMS

- 80PM
- 80DPM
- 86PM
- 480PM
- 480DPM
- 478PM
- 478FPM
- 478UPM
- 478UFPM
- TAPT
- TASUPT
- 478EFPM
- 678PM
- 55LDPM
- 6236UPM
- CDVHPM
- 91WPM
- RPM
- QPM
- CSA4⁴
- CSA6⁴
- CSA8⁴
- CSA4⁴
- CSA6⁴

POST ARMS

- CA8⁴
- SMA4⁴
- SMA6⁴
- CCA4⁴
- CCA6⁴
- CAF4⁴
- CAF6⁴
- CBA4⁴
- CBA6⁴
- CBA8⁴
- RSA4⁴
- RSA6⁴
- RSA8⁴
- FFA4⁴
- FFA8⁴
- RA4⁴
- RA6⁴
- RA8⁴
- DA4⁴
- DA6⁴
- DA8⁴
- DAG4⁴
- DAG6⁴
- DAG8⁴

WALL BRACKET ARMS

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

HANGING BRACKETS

- CH44
- SH44

BALLASTS^{3,5}

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

LAMPS⁵

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS250/MOG/18
- MHP50/MED
- MHP70/MED
- MHP100/MED
- MHP150/MED
- PLT26
- PLT32
- PLT42

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 Must specify LFH18 if 150 watt required.
- ³ Medium base sockets standard with ballasts up to 150 watts. 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.
- ⁶ 150 watt maximum.
- ⁷ For 1910 models only.
- ⁸ 150 watt maximum.

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secured to the spun holder with a hinge ring system providing tool less entry for ease of relamping. The shade shall be made of .100 thick spun aluminum and have an outside diameter of 20" (Model LFH20CT).

PHOTOCELLS

Photocells shall be either the thermo bi-metal button type or 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 thermo bi-metal photocell shall be designed to turn on at 1.0 footcandle and turn off at not more than 5 footcandles. 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 either 120 volt or 208 thru 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.

