

RLM/RLMSP SERIES

SPECIFICATIONS

GENERAL

The RLM/RLMSP series is a traditional downlight fixture which consists of a spun aluminum shade and optic lens.

BALLAST

The ballast shall be remote mounted in the base of the pole, pole shaft, arm or ballast box.

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. 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

The RLM shade shall be made of .100 thick spun aluminum and have an outside diameter of 16" (Model RLM16), 18" (Model RLM18), 24" (Model RLM24). It shall be have a smooth spun neck for connection to an arm end or tenon. The shade shall be mechanically attached to the arm using a 3/8" threaded pipe and gasket washer.

The RLMSP shade shall be made of .100 thick spun aluminum and have an outside diameter of 18" (Model RLMSP18), 20" (Model RLMSP20), 24" (Model RLMSP24). It shall be have stepped spun neck for connection to an arm end or tenon. The shade shall be mechanically attached to the arm using a 3/8" threaded pipe and gasket washer.

OPTICAL OPTIONS

The fixture shall be supplied with a Refractor lens which shall be 9" diameter polycarbonate with an I.E.S. Type 3 distribution (R3P) or Type 5 distribution (R5P). It shall be secured to the spun holder with a spring snap ring.

The fixture shall be supplied with a Glass Jar Lamp Protector (GJ) is a clear glass jar which envelops the lamp and is threaded into a cast aluminum holder. It shall have an aluminum guard over the lens.

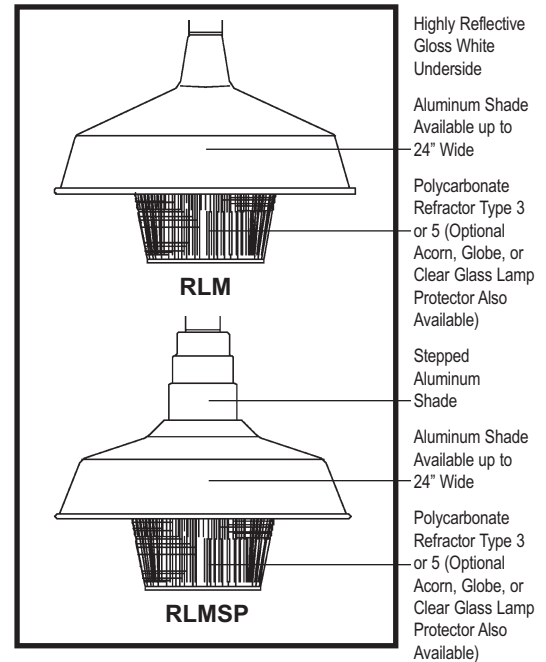
The fixture shall be supplied with a White Glass Globe (G10) which shall measure 10" diameter and envelops the lamp and is mechanically attached to its holder.

The fixture shall be supplied with a 1910 Acorn which shall be made of clear frosted polycarbonate and envelops the lamp. Type 3 (RE3) or Type 5 (RE5), glass refractor is optional.

The fixture shall be supplied with a 14" diameter white polycarbonate globe (G14WP) or acrylic globe (G14WA). The globe envelops the lamp and is mechanically attached to its holder.

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

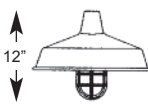
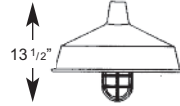
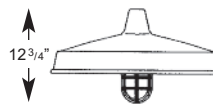


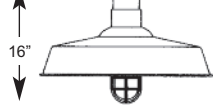



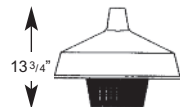
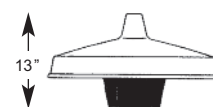

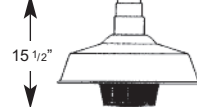
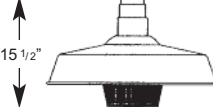
**RLM16 EPA = 1.22 (ft²)
WEIGHT = 8 LBS**

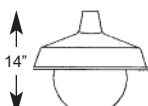
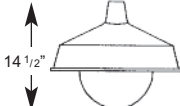
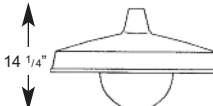
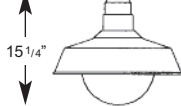

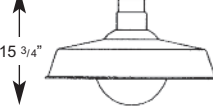
RLM/RLMSP SERIES

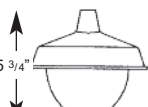

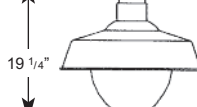
FIXTURES / ARMS PM - WB

FIXTURES

16" W	18" W	24" W	18" W	20" W	24" W
					
12"	13 1/2"	12 3/4"	14 3/4"	16"	16"
GJ/RLM16	GJ/RLM18	GJ/RLM24	GJ/RLMSP18	GJ/RLMSP20	GJ/RLMSP24

16" W	18" W	24" W	18" W	20" W	24" W
					
12 1/4"	13 3/4"	13"	15 1/4"	15 1/2"	15 1/2"
R5P/RLM16 R3P/RLM16	R5P/RLM18 R3P/RLM18	R5P/RLM24 R3P/RLM24	R5P/RLMSP18 R3P/RLMSP18	R5P/RLMSP20 R3P/RLMSP20	R5P/RLMSP24 R3P/RLMSP24

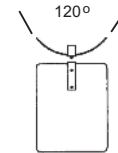
16" W	18" W	24" W	18" W	20" W	24" W
					
14"	14 1/2"	14 1/4"	15 1/4"	15 3/4"	15 3/4"
G10/RLM16	G10/RLM18	G10/RLM24	G10/RLMSP18	G10/RLMSP20	G10/RLMSP24

16" W	20" W	20" W
		
15 3/4"	20 1/8"	19 1/4"
1910/RLM	G14WP/RLMSP20 G14WA/RLMSP20	1910/RLMSP20

Optics for 1910 Models



RE3
RE5
Refractor

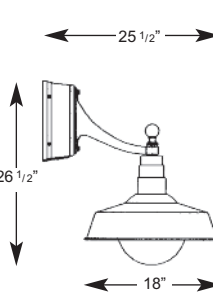


HSS
House Side
Shield

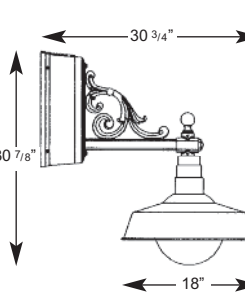
BALLASTED WALL MOUNTS

HANGING BRACKETS

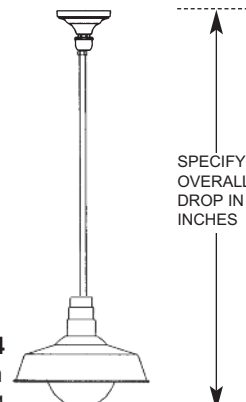
BALLASTED CEILING MOUNTS



BB
Wall Ballast
Box



BB
Wall Ballast
Box for
Larger Arms



SH44
Stem
Hung



CH44
Chain
Hung

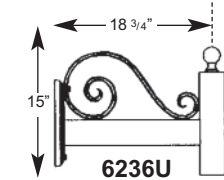
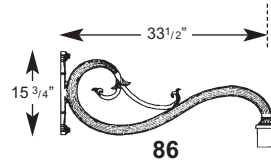
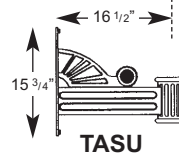
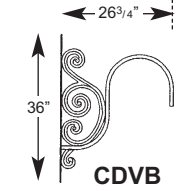
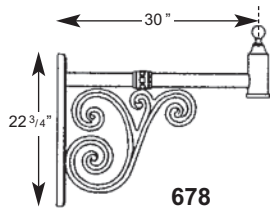
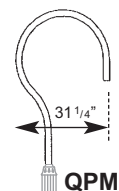
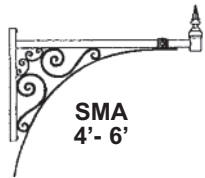
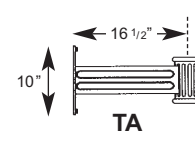
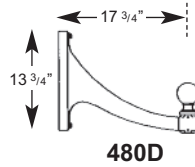
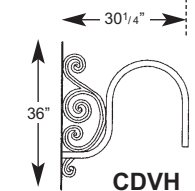
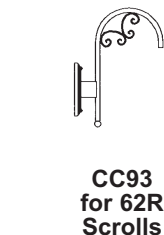
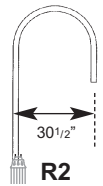
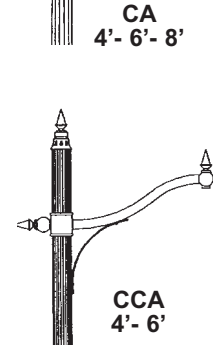
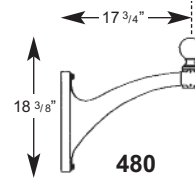
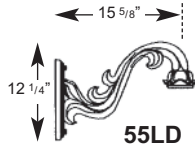
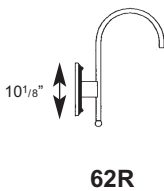
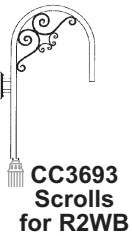
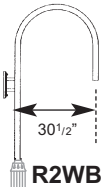
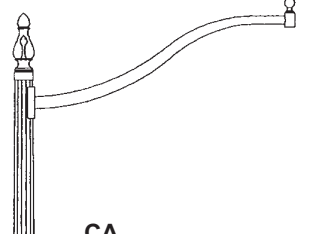
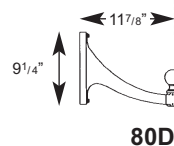
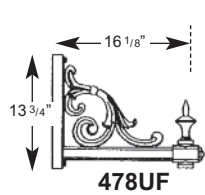
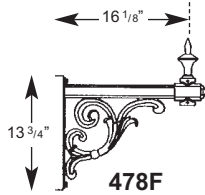
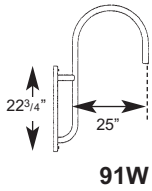
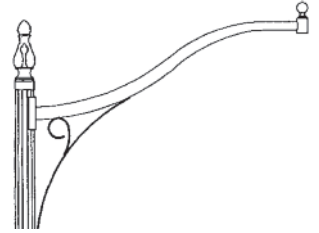
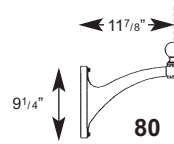
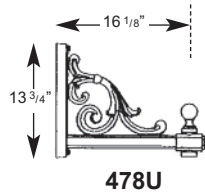
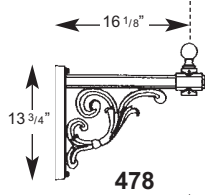
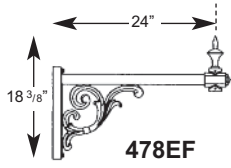
CH27B **SH27B**
For up to
100 Watt Ballasts

CH28 **SH28**
For 150 and
175 Watt Ballasts

RLM / RLMS P SERIES

FIXTURES / ARMS PM - WB

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



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
2	G10/RLMSP18/RPM	PT	3900RT-12AG	100 HPS120		HPS100/MED	BK

WALL FIXTURES

FIXTURE / WALL BRACKET	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
R5P/RLM16/62RWBBB	100 HPS120		HPS100/MED	BK

HANGING FIXTURES

FIXTURE / HANGING BRACKET	OVERALL DROP IN INCHES	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
R5P/RLM16/SH28	48 INCHES	100 HPS120		HPS100/MED	BK

PART NUMBER SELECTIONS

FIXTURES⁴

- GJ/RLM16
- GJ/RLM18
- GJ/RLM24
- GJ/RLMSP18
- GJ/RLMSP20
- GJ/RLMSP24
- R3P/RLM16
- R3P/RLM18
- R3P/RLM24
- R5P/RLM16
- R5P/RLM18
- R5P/RLM24
- R3P/RLMSP18
- R3P/RLMSP20
- R3P/RLMSP24
- R5P/RLMSP18
- R5P/RLMSP20
- R5P/RLMSP24
- G10/RLM16
- G10/RLM18
- G10/RLM24
- G10/RLMSP18
- G10/RLMSP20
- G10/RLMSP24
- 1910/RLM
- 1910/RLMSP20
- G14WP/RLMSP20⁷
- G14WA/RLMSP20⁷

POST ARMS

- 86PM
- 80PM
- 80DPM
- 480PM
- 480DPM
- 478PM
- 478FPM
- 478UPM
- 478UFPM
- TAPT
- TASUPT
- 478EFPM
- 678PM
- 55LDPM
- 6236UPM
- CDVHPM
- 91WPM
- RPM
- QPM
- CA4⁴
- CA6⁴
- CA8⁴

POST ARMS⁴

- SMA4⁴
- SMA6⁴
- CCA4⁴
- CCA6⁴
- CAS4⁴
- CAS6⁴
- CAS8⁴

HANGING BRACKETS

- CH44
- SH44
- CH27B
- SH27B
- CH28
- SH28

VOLTAGES

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

WALL BRACKET ARMS

- 86WB
- 80WB
- 80DWB
- 480WB
- 480DWB
- 478WB
- 478FWB
- 478UWB
- 478UFWB
- 478UFWBB
- TAWB
- TASUWB
- 678WB
- 55LDWB
- 6236UWB
- CDVHWB
- 91WWB
- R2WB
- 62RWB

OPTICS⁶

- RE3
- RE5
- HSS

WALL BRACKET ARMS WITH BALLAST BOX

- 80WB
- 80DWB
- 480WB
- 480DWB
- 478WB
- 478FWB
- 478UWB
- 478UFWB
- 478UFWBB
- TAWB
- TASUWB
- 478EFWB
- 55LDWB
- 6236UWB
- 91WWB
- R2WB
- 62RWB

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, TASC)
- BF Ball Finial or Font (TA, TASC)
- CC3693 Scrolls for R2 Arm
- CC93 Scrolls for 62R Arm
- HS Hangstraight
- LAMPS Select from List

BALLASTS^{2,5}

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

LAMPS⁵

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- 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:

- 35HPS is 120 volt only.
- Medium base sockets standard with ballasts up to 175 watts HID. 4-pin for PL.
- Add (S) Spike or (B) Ball after arm number to designate type of finial.
- Remote ballast or ballast box required.
- Metal halide systems are pulse start.
- For 1910 models only.
- 70 watt maximum.

RLM/RLMSP SERIES

SPECIFICATIONS

**LIST NO.
RLM/RLMSP
SERIES**

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 is 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 is wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

WARRANTY

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