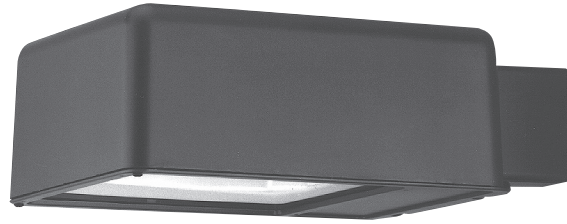


Parking Areas
Recreation Areas
Roadways
Pedestrian Walkways
Sports Courts
Outdoor Areas



Specifications



- CONSTRUCTION** Precision die-cast aluminum housing. One-piece fully gasketed die-cast aluminum lens frame. Construction and gasketing prohibit dust, moisture, and bug entry. Toolless entry into housing/lamp chamber via door/lens frame latch.
- OPTICS** One-piece hydroformed anodized aluminum reflector. Type 4 reflector incorporates segmented inserts. 400 W MA Types 2 and 4 optics require reduced outer jacketed lamps. Meets full cutoff criteria.
- ELECTRICAL** Porcelain spring-loaded 4 kV pulse rated socket-mogul base. HPF CWA ballast. Electrical components mounted to hinged ballast tray. Starting temperature: LX(HPS)-40°F/-40°C, MA(MH)-20°F/-30°C. All metal halide fixtures are pulse start.
- MOUNTING** Factory installed die-cast aluminum arm. Arm contains integral wiring/splice chamber via side access. Key slot design provides one person installation and leveling.
- FINISH** Standard finish is Flat Bronze polyester powder coat, electrostatically applied, which is preceded by a five step pre-treatment process including an iron phosphate priming stage for superior coating adhesion. This process meets or exceeds all ASTM testing requirements, including those for 1,000 hour salt spray endurance testing. Designer colors may be specified.
- LISTINGS** UL/cUL 1598 listed, suitable for wet locations.
- WARRANTY** Mechanical, finish and electrical shall be covered by a limited 1-year warranty. See terms and conditions for details.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled 'Contain Mercury' and/or with the symbol 'Hg'. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at www.lamprecycle.org.

PROJECT
FIXTURE TYPE
CATALOG#

1611 Clovis R. Barker Road
San Marcos, Texas 78666
Toll Free Phone: (800) 545-1326
Fax: (512) 753-1122
www.qualitylighting.com
e-mail: WQE.Info@philips.com

SMR

ORDERING EXAMPLE SMR154PMAPCBF51

ORDERING INFORMATION

PREFIX	WATTAGE	DISTRIBUTION	SOURCE	OPTIONS	FINISH	VOLTAGE	ACCESSORIES
SMR	15 17 25 32 35 40 ⁶ 10 15 25 40 ⁷	4 3 2	PMA LX	PCB ¹ FS ⁴ FFS ⁴ TLR/PC ^{4,5} TLR/SC	Flat Bronze (standard) (leave blank) BRW BLK WHW SL GA TM CL LS	1 2 3 4 5 8	SMRGS SMRHSS SMRVS² SMRWMP RMC2A-MCL³ SMRSCB SMRRPA Mounting Accessories SMRPTA(X)-(F) SMRSTA(X)-(F) SMRRTA(X)-(F) (X=specify mounting configuration) (F=specify finish)

PREFIX	WATTAGE	DISTRIBUTION	SOURCE	OPTIONS	FINISH	VOLTAGE
☐ SMR	PMA ☐ 15 150 (E/BT/ED28) ☐ 17 175 (E/BT/ED28) ☐ 25 250 (E/BT/ED28) ☐ 32 320 (E/BT/ED28) ☐ 35 350 (ED/BT28) ☐ 40 ⁶ 400 (ED/BT28) LX ☐ 10 100 (ED/ET23.5) ☐ 15 150 (ED/ET23.5) ☐ 25 250 (ED/ET23.5) ☐ 40 ⁷ 400 (ED/ET18)	☐ 4 Type IV ☐ 3 Type III ☐ 2 Type II	☐ PMA Pulse Start Metal Halide ☐ LX High Pressure Sodium	☐ PCB ¹ Photocontrol Button Specify Voltage ☐ FS ⁴ Single Fusing 120, 277V ☐ FFS ⁴ Double Fusing 208, 240, 480V ☐ TLR/PC ^{4,5} Twist Lock Receptacle with Photocontrol Mounted in arm. ☐ TLR/SC Twist Lock Receptacle and Shorting Cap	Flat Bronze (standard) Leave FINISH selection blank to specify Flat Bronze (standard). Designer finishes ☐ BRW Textured Bronze ☐ BLK Textured Black ☐ WHW Textured White ☐ SL Slate ☐ GA Galvanite ☐ TM Dark Titanium ☐ CL Clay ☐ LS Limestone Custom colors may be specified. Consult factory.	☐ 1 120 ☐ 2 208 ☐ 3 240 ☐ 4 277 ☐ 5 480 ☐ 8 120-277

NOTES:
1) Must Specify Voltage. Not available in 347 or 480V.
2) Cannot be combined with Glare Shield (SMRGS).
3) Allows two SMR fixtures to be mounted side-by-side on a pole with 2-3/8" vertical tenon.
4) Specify Voltage.
5) Not available in 347 or 480V.
6) Requires ED37 lamp for Type III only.
7) Requires ED23.5 for Type III only.

ACCESSORIES

- ☐ SMRGS Glare Shield (four sided)
- ☐ SMRHSS House Side Shield (one side)
- ☐ SMRVS² Vandal Resistant Shield
- ☐ SMRWMP Wall Mounting Plate
- ☐ RMC2A-MCL³ Two Fixture Cross Arm Bracket
- ☐ SMRSCB Surface Conduit Box
- ☐ SMRRPA Round Pole Adaptor (4" Pole)

MOUNTING ACCESSORIES

Pole Only Tenon Adaptors

Only available with 4" tenon cast pole.
4" tenon 7" tall required. (F=specify finish)

- ☐ SMRPTA1-(F)
1 Fixture
- ☐ SMRPTA290-(F)
2 @ 90
- ☐ SMRPTA2180-(F)
2 @ 180
- ☐ SMRPTA390-(F)
3 @ 90
- ☐ SMRPTA3120-(F)
3 @ 120
- ☐ SMRPTA4-(F)
4 @ 90

Square Pole Top Tenon Adaptors

For 2-3/8" Tenon (F = specify finish)

- ☐ SMRSTA1-(F)
1 Fixture
- ☐ SMRSTA290-(F)
2 @ 90
- ☐ SMRSTA2180-(F)
2 @ 180
- ☐ SMRSTA3-(F)
3 @ 90
- ☐ SMRSTA4-(F)
4 @ 90

Round Pole Top Tenon Adaptors

Round pole adaptor Included.
Round pole top adaptors for 2-3/8" Tenon (F = specify finish)

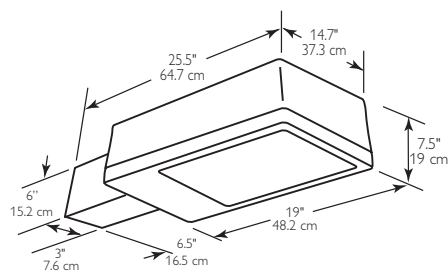
- ☐ SMRRTA1-(F)
1 Fixture
- ☐ SMRRTA290-(F)
2 @ 90
- ☐ SMRRTA2180-(F)
2 @ 180
- ☐ SMRRTA390-(F)
3 @ 90
- ☐ SMRRTA3120-(F)
3 @ 120
- ☐ SMRRTA4-(F)
4 @ 90

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SMR

DIMENSIONS

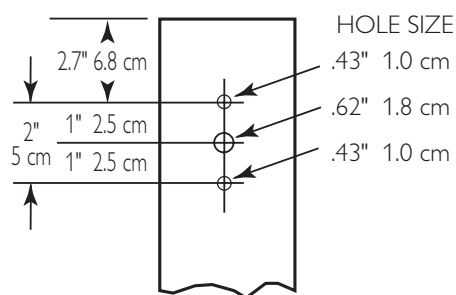


EPA (sq ft)

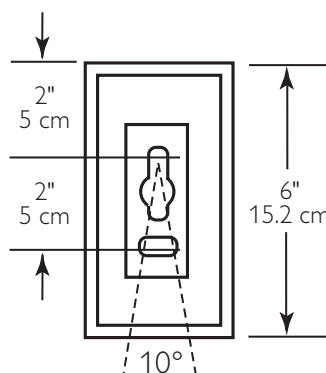
1 Fixture 1.50 .14 kg

Weight: 35 lbs 15.8 kg

DRILL TEMPLATE # 20



MOUNTING ARM KEY SLOT DETAIL



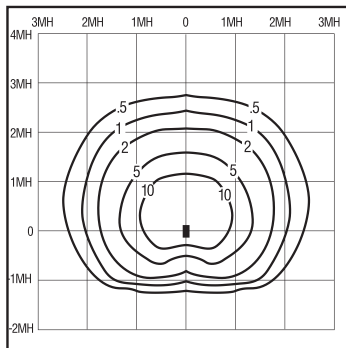
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SMR

PHOTOMETRIC DATA

1 Fixture Per Pole



SMR153NLXL
LU150/55/MED
16,000 Lumens
10' Mount. Hgt.
Type III Distrib.

Footcandle Correction

Different Lamps/Watts

Multiply the following factors times the footcandle values for changes in lamps/watts:

35W HPS .14	50W PMA .21
50W HPS .25	70W PMA .34
70W HPS .34	100W PMA .45
100W HPS .60	
150W HPS 1.00	

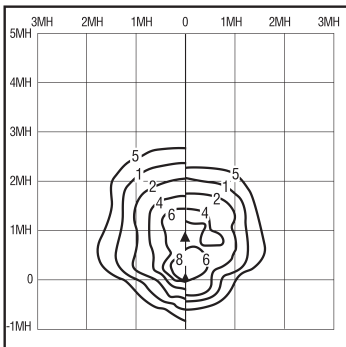
Different Mounting Height

Multiply the following factors times the footcandle values for changes in mounting height:

To Change From 10'

New Height	6'	8'	10'	12'	15'
Factor	2.8	1.6	1.0	.69	.44

1 Fixture Per Pole



SMR404LX
LU400
50,000 Lumens
30' Mount. Hgt.
Forward Throw

SMR354PS
MH400/U
34,000 Lumens
30' Mount. Hgt.
Forward Throw

Footcandle Correction

Different Lamps/Watts

Multiply the following factors times the footcandle values for changes in lamps/watts:

400W HPS 1.0	350W PMA 1.0
250W HPS .55	250W PMA .60
150W PMA .32	175W PMA .41

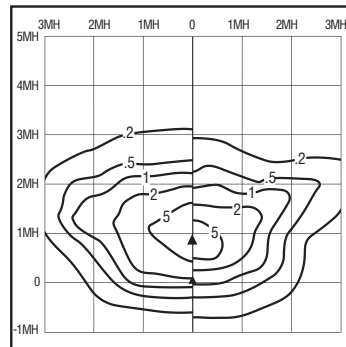
Different Mounting Height

Multiply the following factors times the footcandle values for changes in mounting height:

To Change From 30'

New Height	20'	25'	30'	35'	40'
Factor	2.25	1.4	1.0	.73	.56

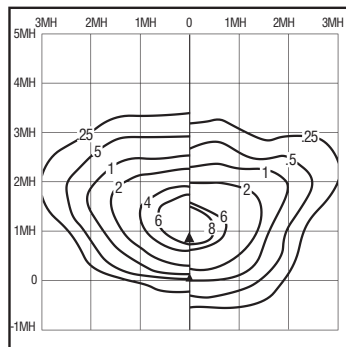
1 Fixture Per Pole



SMR402LX
LU400
50,000 Lumens
30' Mount. Hgt.
Type II Distrib.

SMR352PS
MH400/U
34,000 Lumens
30' Mount. Hgt.
Type II Distrib.

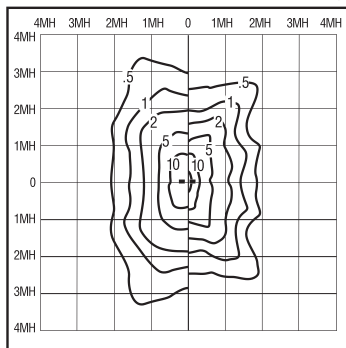
1 Fixture Per Pole



SMR403LX
LU400
50,000 Lumens
30' Mount. Hgt.
Type III Distrib.

SMR353PS
MH400/U
34,000 Lumens
30' Mount. Hgt.
Type III Distrib.

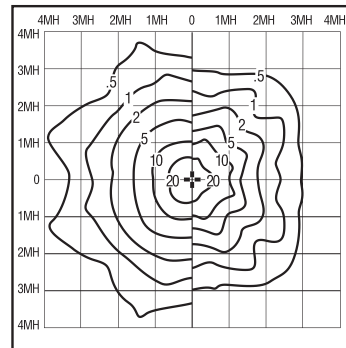
2 Fixtures Per Pole @ 180 Deg.



SMR403LX
LU400
50,000 Lumens
30' Mount. Hgt.
Type III Distrib.

SMR353PS
MH400/U
34,000 Lumens
30' Mount. Hgt.
Type III Distrib.

4 Fixtures Per Pole



SMR403LX
LU400
50,000 Lumens
30' Mount. Hgt.
Type III Distrib.

SMR353PS
MH400/U
34,000 Lumens
30' Mount. Hgt.
Type III Distrib.