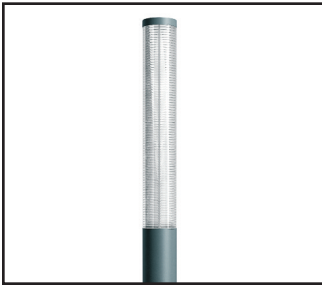


MTR Column



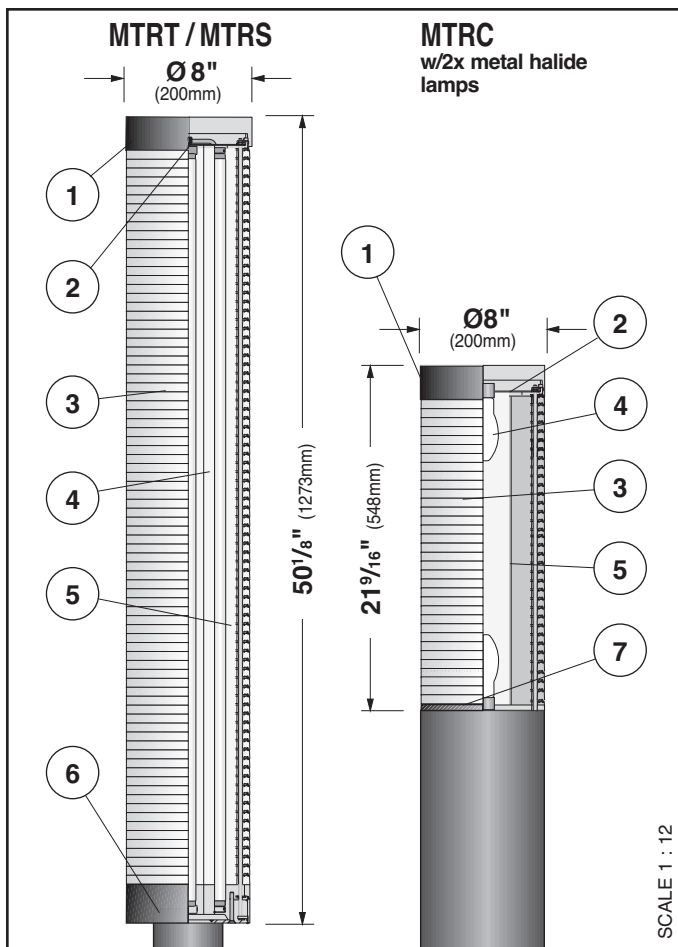
Project: _____

Type: _____ **Qty:** _____

Series _____ Height _____ Lamping _____ Finish _____ Voltage _____ Options _____

Series	Height	Lamping	Finish	Voltage	Options	
MTRT	MTR Column	Metal Halide 2H050¹ (2x)50w 2H070¹ (2x)70w	Fluorescent 1T8 (1x)FO32T8 2T8 (2x)FO32T8 3T8 (3x)FO32T8 4T8 (4x)FO32T8	WH White BK Black BZ Bronze SV Silver SP Specify Premium Color	120 277 347 208² 240²	DS² Dual Switching HS³ House Side Shield REC GFCI Receptacle w/ weather-proof cover REC2 GFCI Receptacle w/ padlockable in-use cover CWB² Cold Weather Ballast EB^{3,4} Electronic Ballast
	Round Tapered Pole					
MTRS	MTR Column	Metal Halide 2H050¹ (2x)50w 2H070¹ (2x)70w	Fluorescent 1T8 (1x)FO32T8 2T8 (2x)FO32T8 3T8 (3x)FO32T8 4T8 (4x)FO32T8	WH White BK Black BZ Bronze SV Silver SP Specify Premium Color	120 277 347 208² 240²	DS² Dual Switching HS³ House Side Shield REC GFCI Receptacle w/ weather-proof cover REC2 GFCI Receptacle w/ padlockable in-use cover CWB² Cold Weather Ballast EB^{3,4} Electronic Ballast
	Round Straight Pole					
MTRC	MTR Column	Metal Halide 2H050¹ (2x)50w 2H070¹ (2x)70w	Fluorescent 1T8 (1x)FO32T8 2T8 (2x)FO32T8 3T8 (3x)FO32T8 4T8 (4x)FO32T8	WH White BK Black BZ Bronze SV Silver SP Specify Premium Color	120 277 347 208² 240²	DS² Dual Switching HS³ House Side Shield REC GFCI Receptacle w/ weather-proof cover REC2 GFCI Receptacle w/ padlockable in-use cover CWB² Cold Weather Ballast EB^{3,4} Electronic Ballast
Round 8" Straight Pole	16 16 ft.					

¹ Only available with MTRC (Round 8" Straight Pole) ² Fluorescent Only ³ For metal halide only ⁴ Not available for 347V



1. Fixture Cover - Die-cast, aluminum cover, with smooth crisp form to reflect and complement the column design. Thick-walled, aluminum cover is painted white on the interior for maximum luminaire efficiency. Removes by loosening three vandal-resistant, stainless steel screws for easy access to lamp chamber.

2. Gasketing - Continuous gaskets provide weather-proofing, dust, and insect control at base of column, fixture cover, and between MTR rings.

3. Shielding - Consists of 8" (200mm) diameter injection-molded acrylic multi-prisms for total reflection (MTR). MTR rings have a wall thickness of .591" and are patterned after the light-bending characteristics of a prism.

4. Lamping - One, two, three or four FO32T8 (32 watts each) fluorescent lamps on removable gear tray, mounted vertically; or two coated, medium base ED-17 metal halide up to 70w. Lamps provided by others.

5. Diffusing Cylinder - Satine acrylic cylinder (fluorescent) or satine glass cylinder (MH) between lamps and MTR rings to diffuse lamp image for maximum performance and visual comfort.

6. Pole Fitter - Self-leveling, die-cast aluminum, fitter base secured to pole with two, stainless steel, Allen head set screws. 31/2" (90mm) O.D. poles.

7. Column Fitter - Die-cast aluminum fitter, with built-in gasketing ridges, for smooth transition to column.

8. Ballast - (not shown) Electronic ESB, high power factor, class "P," type "A" sound rating. Minimum lamp starting temperature 0° F (-20° C). Cold Weather Ballast option (minimum lamp starting temp -20°F / -29°C) available. Consult factory for more detailed ballast information.

9. Base Cover - (not shown - MTRT/MTRS only) Standard two-piece base cover is made from die-cast 356 alloy aluminum which is heat treated to produce a T6 temper, measuring 41/2" (115mm) height by 121/2" (316mm) diameter.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide. Hot Dip Galvanized finish (GV) on all steel parts also available.

Selux Corp. © 2018
 TEL (845) 834-1400
 FAX (845) 834-1401
 www.selux.us
 MTRC-0318-01 (ss-v3.1)

NRTL Listed (i.e. UL, CSA)

Union Made Affiliated
 with IBEW Local 363

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supercede all other printed or electronic versions.

SCALE 1 : 12

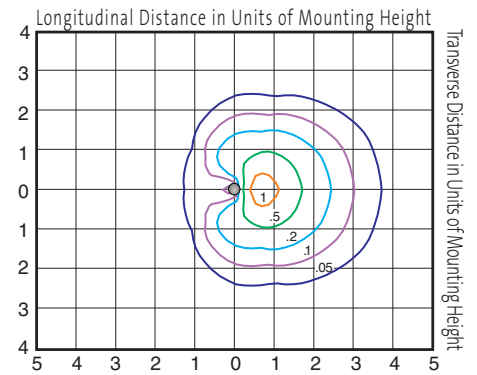
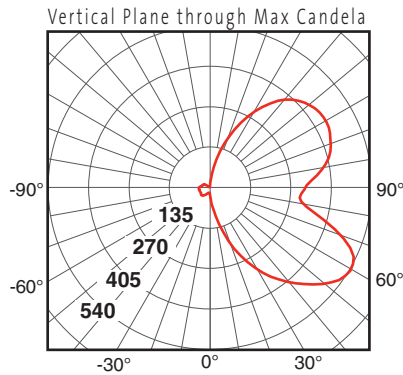
Photometry

Round Tapered Pole / (1x)F032T8

Catalog # MTRC-12-1T8
Report # SX-17021

- Round 8" Straight Pole
- Ideal for applications demanding max. spacing.
- Maximum candela of 540 at 60° from vertical.
- IES classification - Type IV Non-Cutoff.

DOWNLOAD IES FILE:
http://www.selux.us/fileadmin/us/exterior/ies_file/MTRC-IES.zip

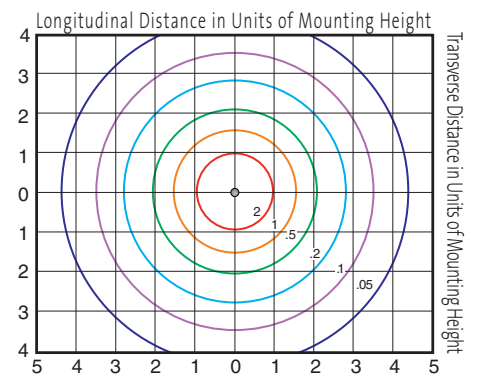
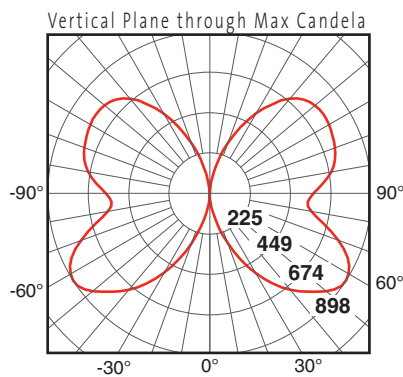


Round Tapered Pole / (4x)F032T8

Catalog # MTRC-12-4T8
Report # SX-17020

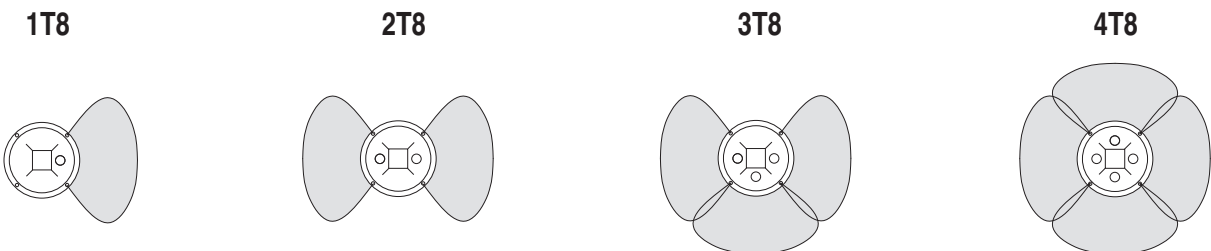
- Round 8" Straight Pole
- Ideal for applications demanding max. spacing.
- Maximum candela of 898 at 58° from vertical.
- IES classification - Type V Non-Cutoff.

DOWNLOAD IES FILE:
http://www.selux.us/fileadmin/us/exterior/ies_file/MTRC-IES.zip



Conversion Chart	
Values based on 14' (4.3m) mounting height.	
Mounting Height	Multiply
12' (3.7m)	1.00
14' (4.3m)	0.93
16' (4.9m)	0.87

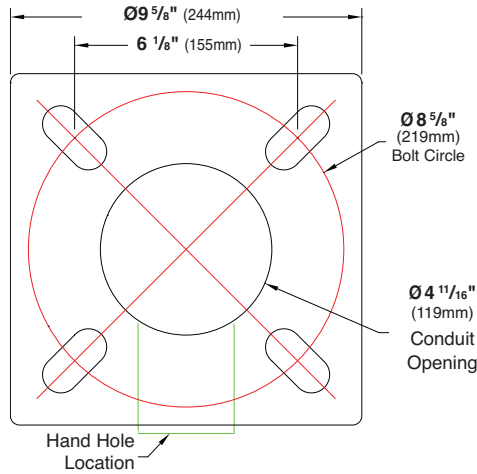
T8 Lamping Distribution Guide



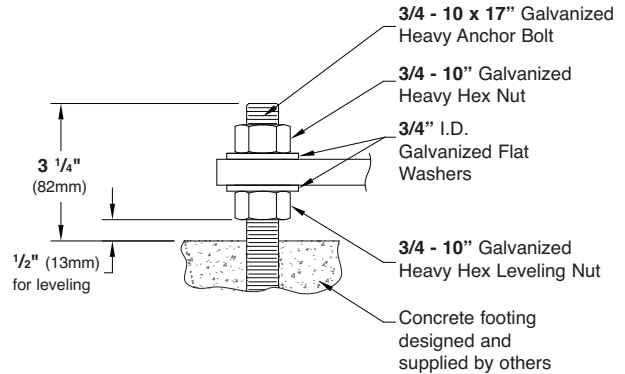
Mounting Details

MTRT/MTRS Bolt Circle

Note: Use caution when setting anchor bolts.
Bolts must be vertically straight and centered on dimensions shown.



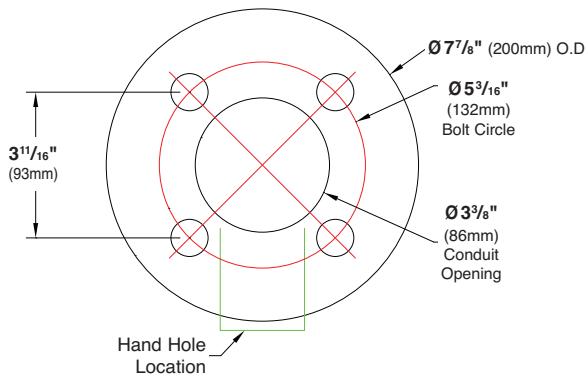
MTRT/MTRS Anchor Bolt Detail



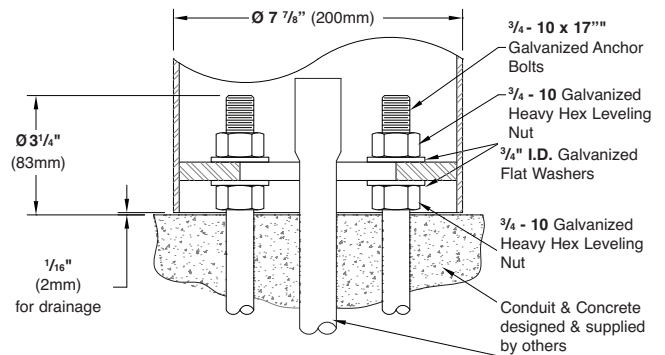
Note: Adequate drainage must be provided in concrete foundation or grout.

MTRC Bolt Circle

Note: Use caution when setting anchor bolts.
Bolts must be vertically straight and centered on dimensions shown.



MTRC Anchor Bolt Detail



SCALE 1 : 6

Note: Adequate drainage must be provided in concrete foundation or grout.

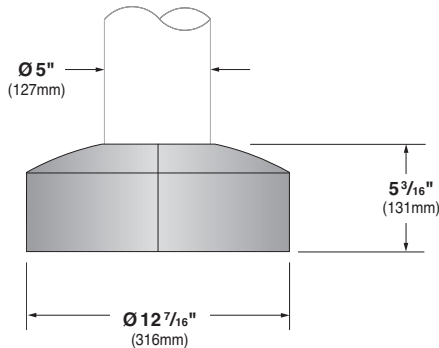
Mounting Options

Dual Switching (DS) - Lamps are divided into two (2) circuits with individual ballast, two (2) separate power feeds within the fixture. Internal gear tray length/minimum ceiling clearance above fixtures might change.

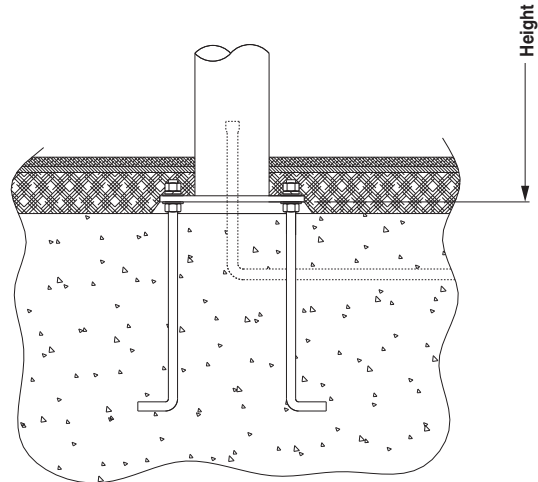
House Side Shield (HS) - (for MH only) Metal shielding inside of glass cylinder. Orientation can be adjusted in the field.

BC3 Standard Base Cover (MTRT/MTRS)

Die-cast aluminum, two-piece field installable base cover.

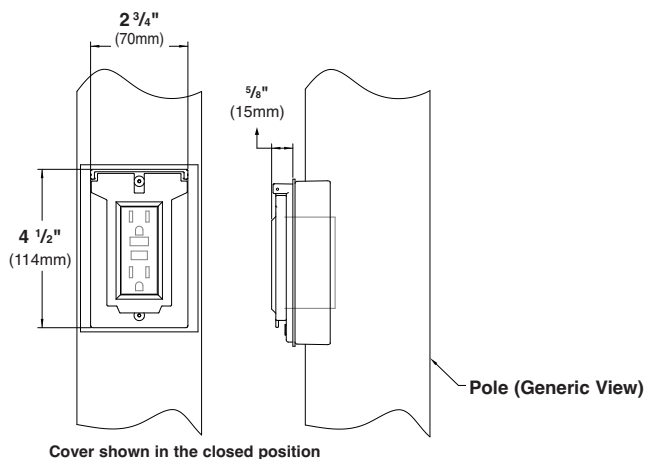


Alternate Mounting Detail (MTRT/MTRS)



Additional Options

GFCI Receptacle (REC) - 120V 15A GFCI duplex receptacle with weather-proof, self-closing cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. For use with 120V applications only. For other fixture voltages, please consult factory for wire segregation requirements.



GFCI Receptacle (REC2) - 120V 15A GFCI duplex receptacle with weather-proof, self-closing, padlockable cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. For use with 120V applications only. For other fixture voltages, please consult factory for wire segregation requirements.

