

# Manchester

## Construction

The Manchester architectural fixture is fabricated from heavy duty cast aluminum and extruded aluminum base with an outdoor polyester powder coat finish. Available with an optional anti-glare frosted lens. The Manchester is constructed to meet a variety of classic architectural venues. Designed to install directly on poles or pole tenons and architectural arms that mount on poles or walls. Also available as a wall mount, consult factory.

## Electrical Components

- Watts : 20w through 160w, Custom watts available, consult factory.
- Voltage: 120v through 277v and High voltage 347V - 480V.

## LED

High performance LED CRI: 80. Color temperature ranges from CCT: 2700K - 5000K. Also available in Amber +560nm (AMBR).

## Optic

Type II (T2), Type III (T3), Type IV (T4), and Type V (T5)

## Lens

- Frosted Acrylic (FA)
- Opal White Acrylic (OA)
- Clear Acrylic (CA)

## Mounting

- Designed to fit over a 2-3/8" O.D. x 4" L Tenon (SF23804), 3" O.D. x 4" L Tenon (SF304), 3.5" O.D. x 04" L Tenon (SF3504), 4.0" O.D. x 04" L Tenon (or 4.0" O.D. x 4" Long straight pole (SF404).
- Available for use with a custom slip fitter (CSFxxx, e.g.: Specify: CSF3095 = Fits over a 3" O.D. x 9.50" L Tenon, CSF310 = Fits over a 3" O.D. x 10" L Tenon, etc.).
- Wall Mount Version (WM): Wall Mount (WM) version mounts on a wall over a 4" Octagonal through 5" square J-box. Consult factory for specifications.

## Finish

Outdoor polyester powder coat, available in our Zuma standard finishes with a four-step pretreat process to ensure optimal adhesion and surface integrity. Also available in custom RAL and in marine grade finish (MGF), specify.

## Controls

- Dimming. 0-10v dimming (D) available.
- Photocell: Mounts to top of fixture (SAM) or side (TAM)



## Options

- Manchester can be made to "Buy American Compliant" (BAA) and "Build America, Buy America Act Compliant" (BABA) (includes BAA)
- SKY = Sky Night Friendly: Downward light only.
- HSS = 180° House Side Shield.
- HSSOP = 180° Houseside Shield (Optics)
- SP = Surge Protection: To be field installed in the bottom of the pole.
- Super Durable Marine Grade Finish (MGF) available in standard and custom colors, consult factory.

## Certificates & Warranty

- Designed to comply with UL 8750
- Suitable for Wet Locations
- 5-Year Warranty

## Technical

- Operating Temperature: -40°F to 95°F (-40°C to 35°C)





ZUMALIGHTING

Project \_\_\_\_\_ Type \_\_\_\_\_ Qty \_\_\_\_\_

Company \_\_\_\_\_ Part # \_\_\_\_\_

# Manchester

Item	Wattage Lumens <sup>1</sup>	Volts	Color Temp	Optics	Lens	Mounting	Finish	Controls	Options
MCH Manchester	<b>20W</b> 1960-2260	<b>U</b> 120v-277v	<b>27K</b> 2700K	<b>T2</b> Type II	<b>FA<sup>2</sup></b> Frosted Acrylic	<b>SF238</b> Fits over 2-3/8" OD tenon	<b>BZ8</b> Zuma Bronze	<b>D</b> Dimming 0-10v	<b>BAA<sup>3</sup></b> Buy American Act Compliant
	<b>30W</b> 2940-3390	<b>HV</b> 347v-480v	<b>3K</b> 3000K	<b>T3</b> Type III	<b>OA<sup>2</sup></b> Opal White Acrylic	<b>SF300</b> Fits over 3" OD tenon	<b>BK</b> GT Black	<b>PC</b> Photocell	<b>BABA<sup>3</sup></b> Build America, Buy America Act Compliant (Includes BAA)
	<b>40W</b> 2940-4520		<b>35K</b> 3500K	<b>T4</b> Type IV	<b>CA<sup>4</sup></b> Clear Acrylic	<b>CSFxxx<sup>5</sup></b> Custom Slipfitter	<b>SL</b> Iridium Silver		<b>SKY</b> Sky Night Friendly
	<b>60W</b> 5880-6780		<b>4K</b> 4000K	<b>T5</b> Type V	<b>NL<sup>6</sup></b> No Diffusion Lens	<b>WM<sup>7</sup></b> Wall Mount	<b>WH</b> Alpine White		<b>HSS</b> 180° Houseside Shield
	<b>80W</b> 7840-9040		<b>45K</b> 4500K				<b>GRY</b> Granite Gray		<b>HSSOP</b> 180° Houseside Shield (Optics)
	<b>90W</b> 8820-10170		<b>5K</b> 5000K				<b>GRN</b> Moss Green		<b>MGF</b> Marine Grade Finish
	<b>120W</b> 11760-13560						<b>CCxxx<sup>8</sup></b> Custom Color		<b>SP</b> Surge Protection
	<b>150W</b> 14700-16950								
	<b>160W</b> 15680-18080								

- 1 Lumen values may vary based on factors such as distribution type and color temperature.
- 2 For use with Type V (T5) optics only. Consult factory for Anti-Glare Frosted Diffusion Lens with other Optic Types - Type II through Type IV (T2, T3, T4).
- 3 Consult our sales team for detailed information on compliance with domestic manufacturing regulations.
- 4 Fixtures specified without diffusion lens are equipped with exposed optical lens. For use with Type II through Type V (T2, T3, T4, T5) optics.
- 5 Custom Slipfitter (CSFxxx. e.g.: CSF3095 = 3" O.D. x 9.50" L Tenon, etc.). Consult Factory
- 6 Fixtures specified without diffusion lens are equipped with exposed optical lens. For use with Type II through Type V (T2, T3, T4, T5) optics.
- 7 Wall mount fixtures (WM) mounts on a wall over a 4" or 5" J-box. Consult factory for specifications.
- 8 Custom colors: Available in smooth and textured finishes. Also available in RAL and Sherwin Williams colors, consult factory.



# Manchester

## Dimensions

