DESCRIPTION

The Halo MST203T outdoor security floodlight incorporates an adjustable motion sensor, field-selectable CCT, and advanced two-stage optics into a twin head LED design ideal for a wide variety of applications. Features improved adjustability, easy install components, and adaptor plate kit for hassle-free installation. The motion sensor is available with 180° or 270° detection up to 50′ range, with adjustable sensitivity and duration from 1-12 minutes. The durable die-cast aluminum housing is available in bronze or white powder coat finish, ensuring years of reliable, maintenance-free operation.

Catalog #	Туре
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

- Durable die-cast aluminum housing with UV stable clear lens
- Powder coated bronze or white finish
- Optically enhanced reflector improves efficiency and delivered lumens
- Tool-less head and motion sensor adjustment
- Wall or eave mounted to recessed or surface junction boxes.

Electrical

- 120VAC, 60Hz
- Maintenance-free LEDs with 70,000 hours of life
- Fixture operating temperature of -30°C to 40°C
- cULus listed for wet locations
- External supply wiring 75°C minimum
- Motion sensor detects motion 180° or 270° up to 50 feet
- Selectable duration to keep floodlights on up to 12 minutes
- Adjustable sensitivity

- Integral photocell prevents lights from turning on with motion during daylight hours
- Manual override allows fixture to operate as a standard floodlight for up to 6 hours

Optics

- Two-stage optics for maximum coverage
- Field selectable CCT: 3000K, 4000K and 5000K

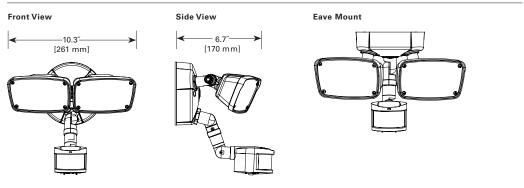
Warranty

• 5 year limited warranty



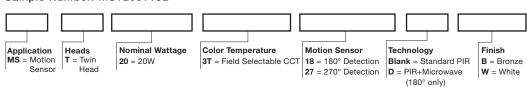
MST203T Twin Head LED Motion Series

DIMENSIONS



ORDERING INFORMATION

Sample Number: MST203T18B



CERTIFICATION DATA

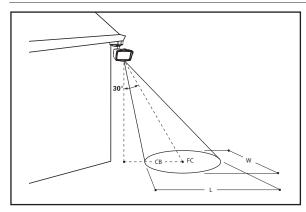
cULus Wet Location Listed

TECHNICAL DATA

-30°C to 40°C Temperature Rating External Supply Wiring 75° Minimum



PHOTOMETRICS



Note: Specifications and Dimensions subject to change without notice.

Area Coverage

	Mounting Height	Length (L)	Width (W)	Area (Sq. Ft.)	Max FC
MST203T Series	10 ft. 15 ft. 20 ft.	18 20 20	40 40 40	720 800 800	4.3 1.9 1.1

Note: Bronze fixture at a typical mounting angle of 30° from vertical All figures based on minimum footcandle (FC) of 0.5 and 4000K CCT.

TECHNICAL INFORMATION

Series	Voltage	Power (W)	Delivered Lumens (lm)*	Efficacy (lm/W)	сст	CRI*	Motion Sensor
MST203T18	120V, 60Hz	22.8	2034	89.2	3000K, 4000K, or 5000K	84	Single PIR, 180° Detection
MST203T27	120V, 60Hz	22.8	2034	89.2	3000K, 4000K, or 5000K	84	Twin PIR, 270° Detection
MST203T18D	120V, 60Hz	22.8	2034	89.2	3000K, 4000K, or 5000K	84	Single PIR + Microwave, 180° Detection

^{*} Based on factory default setting of 4000K CCT