

Catalog No.	Finish	Lamp	Reflector (Sold separately)
8121WH	White	39W T6 CMH (M130)	Spot 10° reflector: MHT6RS
8121BK	Black		Narrow Flood 25° reflector: MHT6RNF
8121AL	Aluminum		Flood 40° reflector: MHT6RF

## Features

- Track Attachment Fitting:** Molded polycarbonate, rotates into track. Integral polarity keyguard.
- Push Tab:** Molded polycarbonate white, black or gray finish. Detaches unit.
- Track Adaptor Housing:** Die-cast aluminum.
- Movable Contact:** Solid brass. Extends for connection to 2nd circuit in Advent track.
- Ballast Housing:** Extruded housing with die-cast aluminum end caps.
- Ballast:** High Power Factor metal halide electronic ballast. Thermally protected, 0.40A maximum input current, 45W input power.
- Pivot Mounts:** Allows for 350° horizontal and 180° vertical rotation with tensioned mounts for controlled aim.
- Housing:** 0.04" (1.02mm) aluminum.
- Lampholder:** Bi-pin G12 single-ended base. 5kV (750V) pulse rated porcelain body socket with nickel-plated contacts. 18 AWG silicone leads with fiberglass outer sleeve hidden inside of housing.
- Protective Glass:** 0.13" (3.18mm) tempered glass.
- Housing Cover:** 0.04" (1.02mm) aluminum.
- Knobs:** Steel painted knurled knob.

## Accessories (Holds one accessory only)

Diffusion/ Special Filters: AF4 series  
Color Filters: ADF4 series  
Louver (Hex Cell): AL4HC

## Markings

cCSAus Certified for dry locations only.

## Mounting

On Monopoint, Multipoint, recessed track, suspension stems, sloped ceiling adapter, Basic, Radius and Advent track systems only. Ceiling and horizontal or vertical wall mounted. Not compatible with ProSpec track system.

## Finish

All painted finishes are baked powder or enamel.

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

## MHT6RF

## Metal Halide T-6 Reflector Flood

### Aiming Angle:

**L** Beam Length  
**W** Beam Width  
**C** Distance to center beam  
**D** Distance  
**A** Aiming Angle  
**FC** Footcandles

**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.  
CBCP = Center Beam Candle Power.

### Flood Reflector

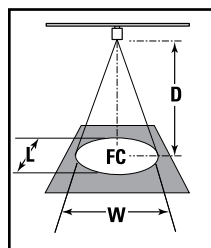
with 39W T-6 Master Color Ceramic Metal Halide Philips (Clear) Lamp

### Lamp

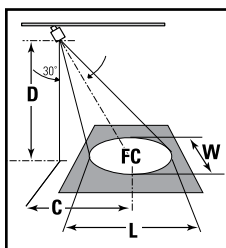
Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)
40°	3,849	9000 to 15,000

39W T-6

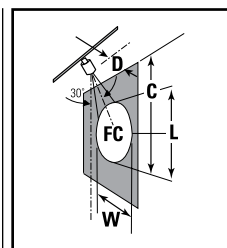
### 0°



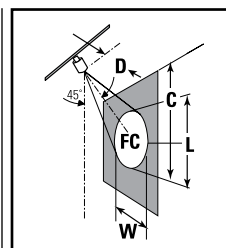
### 30° Horizontal



### 30° Vertical



### 45° Vertical



D	FC	L	W
6'	107	4.4'	4.4'
8'	60	5.8'	5.8'
10'	38	7.3'	7.3'
12'	27	8.7'	8.7'

D	C	FC	L	W
6'	3.5'	69	6.1'	5.0'
8'	4.6'	39	8.1'	6.7'
10'	5.8'	25	10.2'	8.4'
12'	6.9'	17	12.2'	10.1'

D	C	FC	L	W
2'	3.5'	120	9.7'	2.9'
3'	5.2'	53	14.5'	4.4'
4'	6.9'	30	19.3'	5.8'
5'	8.7'	19	24.2'	7.3'

D	C	FC	L	W
3'	3.0'	151	5.0'	3.1'
4'	4.0'	85	6.7'	4.1'
5'	5.0'	54	8.4'	5.1'
6'	6.0'	38	10.1'	6.2'

## MHT6RNF

## Metal Halide T-6 Narrow Flood

### Aiming Angle:

**L** Beam Length  
**W** Beam Width  
**C** Distance to center beam  
**D** Distance  
**A** Aiming Angle  
**FC** Footcandles

**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.  
CBCP = Center Beam Candle Power.

### Narrow Flood Reflector

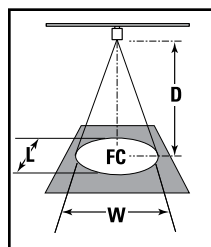
with 39W T-6 Master Color Ceramic Metal Halide Philips (Clear) Lamp

### Lamp

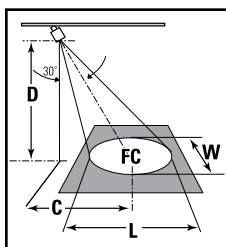
Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)
21°	10,932	12,000

39W T-6

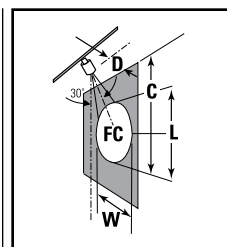
### 0°



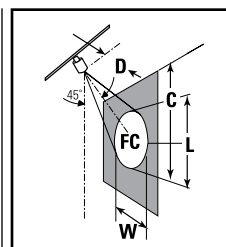
### 30° Horizontal



### 30° Vertical



### 45° Vertical



D	FC	L	W
6'	171	3.0'	3.0'
8'	109	3.7'	3.7'
10'	76	4.4'	4.4'
12'	56	5.2'	5.2'

D	C	FC	L	W
6'	4.5'	111	4.0'	5.0'
8'	5.8'	71	5.0'	6.7'
10'	6.9'	49	6.0'	8.4'
12'	8.1'	36	7.0'	10.1'

D	C	FC	L	W
2'	5.2'	152	5.0'	2.2'
3'	6.9'	85	6.6'	3.0'
4'	8.7'	55	8.3'	3.7'
5'	10.4'	38	9.9'	4.4'

D	C	FC	L	W
5'	5.0'	155	3.8'	2.6'
6'	6.0'	107	4.6'	3.1'
7'	7.0'	79	5.4'	3.7'
8'	8.0'	60	6.1'	4.2'

## MHT6RS

## Metal Halide T-6 Reflector Spot

### Aiming Angle:

**L** Beam Length  
**W** Beam Width  
**C** Distance to center beam  
**D** Distance  
**A** Aiming Angle  
**FC** Footcandles

**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.  
CBCP = Center Beam Candle Power.

### Spot Reflector

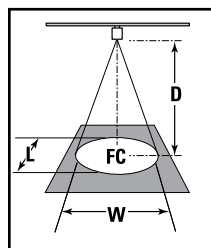
with 39W T6 Master Color Ceramic Metal Halide Philips (Clear) Lamp

### Lamp

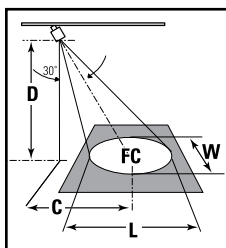
Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)
10°	28,105	9,000 to 12,000

39W T6 CMH

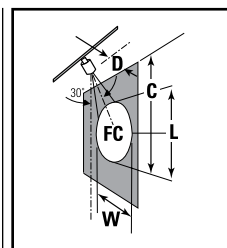
### 0°



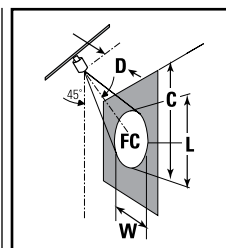
### 30° Horizontal



### 30° Vertical



### 45° Vertical



D	FC	L	W
10'	281	1.7'	1.7'
15'	125	2.6'	2.6'
20'	70	3.5'	3.5'
25'	45	4.4'	4.4'

D	C	FC	L	W
6'	4.6'	285	1.9'	1.6'
12'	6.9'	127	2.8'	2.4'
16'	9.2'	71	3.7'	3.2'
20'	11.5'	46	4.7'	4.0'

D	C	FC	L	W
4'	6.9'	220	2.9'	1.4'
6'	10.4'	98	4.3'	2.1'
8'	13.9'	55	5.7'	2.8'
10'	17.3'	35	7.2'	3.5'

D	C	FC	L	W
6'	6.0'	276	2.1'	1.5'
9'	9.0'	123	3.2'	2.2'
12'	12.0'	69	4.2'	3.0'
15'	15.0'	44	5.3'	3.7'

### Job Information

### Type:

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