

Catalog No.	Finish	Mounting	Lamp	Reflectors (Sold Separately)
37121WH 37121BK	White Black	ProSpec® 120V/277V track systems only. Not compatible with recessed track.	39W T6 CMH G12 base Not included	Spot 10° Reflector: MHT6RS, MHT6RSCCZ Narrow Flood 25° Reflector: MHT6RNF, MHT6RNFCCZ Flood 40° Reflector: MHT6RF, MHT6RFCCZ

## Features

- Track Attachment Fitting:** Molded polycarbonate, rotates into track.
- Locking Lever:** Steel pin locks and detaches unit.
- Track Adaptor Housing:** Die-cast aluminum.
- Ballast Housing:** Extruded aluminum housing with die-cast aluminum covers.
- Ballast:** Electronic HID.
- 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 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

## Electrical

### Electronic Ballast (Thermally Protected)

**Input Voltage:** 120V/277V **Total Harmonic Distortion:** <10%  
**Power Factor:** >0.99 **ANSI Code:** M 130  
**Input Power:** 44W Do not use on dimming circuit  
**Max Input Current:** 0.37A@120V/0.16A@277V

## Finish

All painted finishes are baked powder or enamel.

## Markings

UL, cUL

## 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

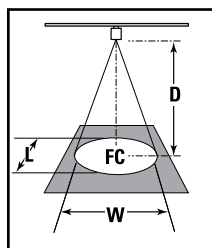
### Lamp

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

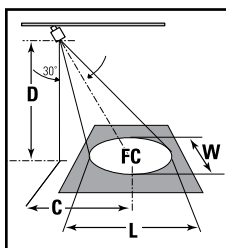
39W T-6



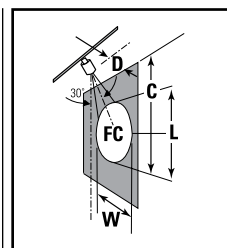
### 0°



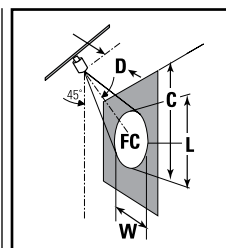
### 30° Horizontal



### 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

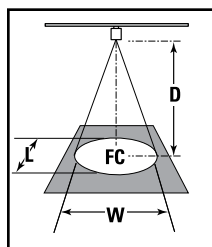
with 39W T-6 Master Color Ceramic Metal Halide Philips (Clear) Lamp

### Lamp

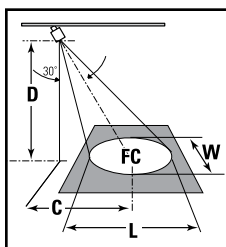
Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)
21°	10,932	12,000



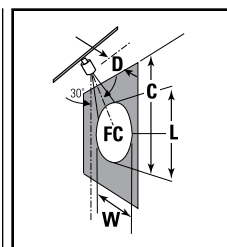
### 0°



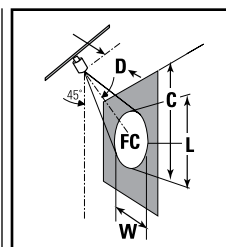
### 30° Horizontal



### 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

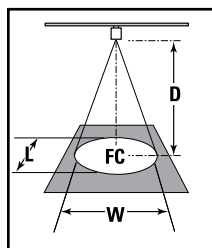
with 39W T6 Master Color Ceramic Metal Halide Philips (Clear) Lamp

### Lamp

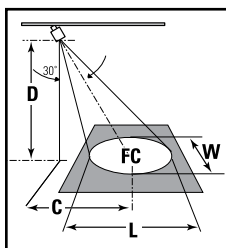
Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)
10°	28,105	9,000 to 12,000



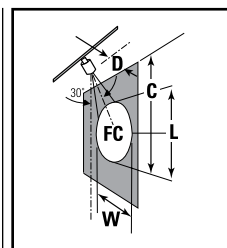
### 0°



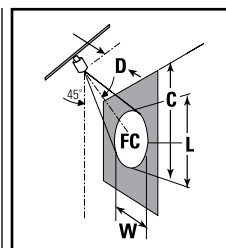
### 30° Horizontal



### 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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