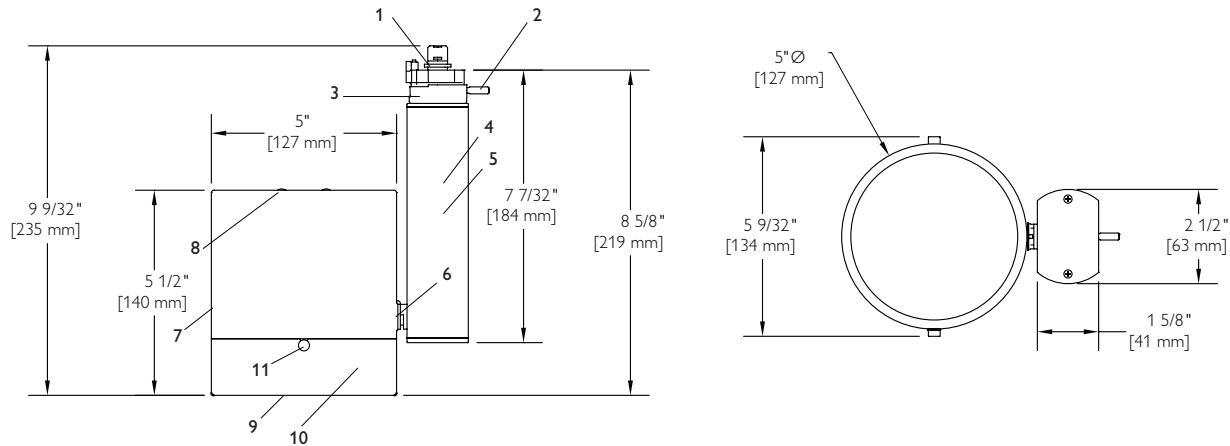


## ProSpec™ 277V Mini HID, Cylinder, 70W T6 CMH



Catalog No.	Finish	Mounting	Lamp	Reflectors (Sold Separately)
37122WH 37122BK	White Black	ProSpec® 120V/277V track systems only.	70W T6 CMH (M98) G12 base Not Included	Spot Reflector: <b>MHT6RS, MHT6RSCCZ</b> Narrow Flood Reflector: <b>MHT6RNF, MHT6RNF CZ</b> Flood Reflector: <b>MHT6RF, MHT6RFCCZ</b>

### 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:** M85, M98, M139, M143
- Input Power:** 77W
- Do not use on dimming circuit
- Max Input Current:** 0.65A@120V/0.28A@277V

### Finish

All painted finishes are baked powder or enamel.

### Markings

UL, cUL

Job Information	Type:
Job Name:	
Cat. No.:	
Notes:	

## ProSpec™ 277V Mini HID, Cylinder, 70W T6 CMH

### MHT6RF

### Metal Halide T-6 Reflector Flood

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

#### Aiming Angle:

0°

30° Horizontal

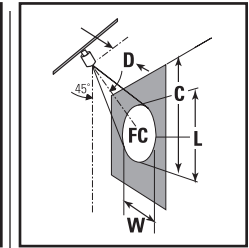
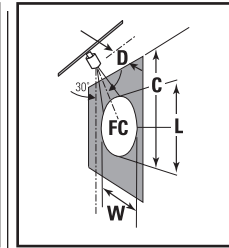
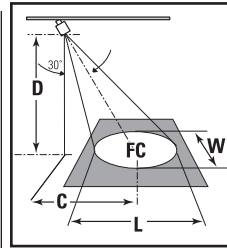
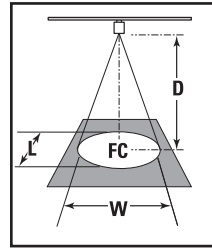
30° Vertical

45° Vertical

**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 70W T-6 Master Color Ceramic Metal Halide Philips (Clear) Lamp



#### Lamp

Beam Spread (To 50% CBCP)    CBCP    Rated Life (Hrs.)

Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0°				30° Horizontal				30° Vertical				45° Vertical						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
70W T-6	 40°	6,994	9000 to 15,000	6'	194	4.4'	4.4'	6'	3.5'	126	6.1'	5.0'	2'	3.5'	219	9.7'	2.9'	3'	3.0'	275	5.0'	3.1'
				8'	109	5.8'	5.8'	8'	4.6'	71	8.1'	6.7'	3'	5.2'	97	14.5'	4.4'	4'	4.0'	155	6.7'	4.1'
				10'	70	7.3'	7.3'	10'	5.8'	45	10.2'	8.4'	4'	6.9'	55	19.3'	5.8'	5'	5.0'	99	8.4'	5.1'
				12'	49	8.7'	8.7'	12'	6.9'	32	12.2'	10.1'	5'	8.7'	35	24.2'	7.3'	6'	6.0'	69	10.1'	6.2'

### MHT6RS

### Metal Halide T-6 Reflector Spot

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

#### Aiming Angle:

0°

30° Horizontal

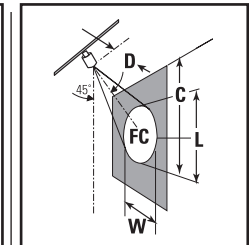
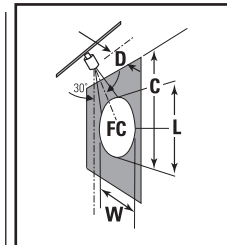
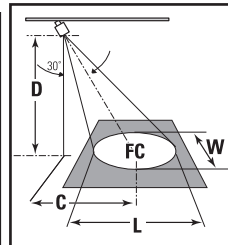
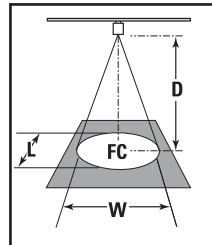
30° Vertical

45° Vertical

**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.)

Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0°				30° Horizontal				30° Vertical				45° Vertical						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
	 21°	10,932	12,000	6'	311	3.0'	3.0'	6'	4.6'	202	4.0'	3.4'	2'	5.2'	277	5.0'	2.2'	5'	5.0'	282	3.8'	2.6'
				8'	199	3.7'	3.7'	8'	5.8'	129	5.0'	4.3'	3'	6.9'	156	6.6'	3.0'	6'	6.0'	196	4.6'	3.1'
				10'	138	4.4'	4.4'	10'	6.9'	90	6.0'	5.1'	4'	8.7'	100	8.3'	3.7'	7'	7.0'	144	5.4'	3.7'
				12'	102	5.2'	5.2'	12'	8.1'	66	7.0'	6.1'	5'	10.4'	69	9.9'	4.4'	8'	8.0'	110	6.1'	4.2'

Job Information    Type:

## ProSpec™ 277V Mini HID, Cylinder, 70W T6 CMH

### MHT6RF

### Metal Halide T-6 Reflector Flood

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

#### Aiming Angle:

0°

30° Horizontal

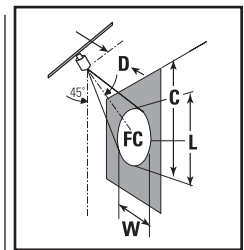
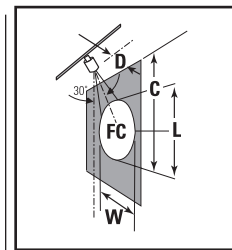
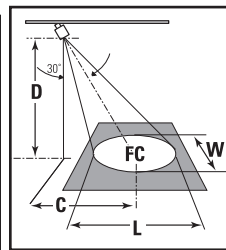
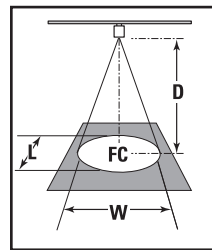
30° Vertical

45° Vertical

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.)

Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0°				30° Horizontal				30° Vertical				45° Vertical						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
70W T6 CMH	10°	52,142	9,000	15'	232	2.6'	2.6'	10'	5.8'	339	2.3'	2.0'	6'	10.4'	181	4.3'	2.1'	8'	8.0'	288	2.8'	2.0'
				20'	130	3.5'	3.5'	15'	8.7'	151	3.5'	3.0'	8'	13.9'	102	5.7'	2.8'	12'	12.0'	128	4.2'	3.0'
				25'	83	4.4'	4.4'	20'	11.5'	85	4.7'	4.0'	10'	17.3'	65	7.2'	3.5'	14'	14.0'	94	4.9'	3.5'
				30'	56	5.2'	5.2''	25'	14.4'	54	5.8'	5.1''	12'	20.6'	45	8.6'	4.2'	16'	16.0'	72	5.6'	4.0'



Philips Lightolier  
 e: lol.webmaster@philips.com  
 t: (508) 679-8131  
 w: www.lightolier.com

37122 October 11, 2011

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**Job Information Type:**