

Catalog No.	Finish	Lamp	Mounting	Reflectors (Sold Separately)
8109WHCE	White	20W T4 CMH (M156) GU6.5 Base	Advent CE Track System	24MHT4RS Clear spot reflector
8109BKCE	Black			24MHT4RNF Clear narrow flood reflector
8109ALCE	Aluminum			24MHT4RF Clear flood reflector
				24MHT4RSCCZ Champagne Bronze spot reflector
				24MHT4RNFCCZ Champagne Bronze narrow flood reflector
				24MHT4RFCCZ Champagne Bronze flood reflector

### Features

- Track Attachment Fitting:** Molded polycarbonate, rotates into track and locks into place with the use of push tabs. Integral color.
- Push Tab:** Molded polycarbonate. Locks and detaches unit from track.
- 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:** 120V-277V, 50/60Hz high power factor metal halide electronic ballast. Thermally protected, 0.19A maximum input current, maximum 45W input power.
- Pivot Mount:** Allows for 350° horizontal and 180° vertical rotation with tensioned mounts for controlled aim.
- Lamp Housing:** 0.04" (1.02mm) aluminum.
- Lampholder:** Twist and Lock GU6.5 base allows lamp positioning with a single rotation. 5kV (250V) pulse rated porcelain body socket with nickel-plated contacts. 18 AWG silicone leads.
- Reflector:** 0.02" (0.51mm) embossed anodized blasted specular aluminum. Sold separately. See specification sheet for additional information.
- Protective Glass:** 0.13" (3.18mm) tempered glass.
- Housing Cover:** 0.040" (1.02mm) aluminum.
- Knobs:** Steel painted knurled knobs.

### Accessories

Holder: **8195**, holds one accessory only  
 Diffusion/ Special Filters: **AF25** series  
 Color Filters: **ADF25** series  
 Louver (Hex Cell): **AL25HC**

### Mounting

Advent CE track systems only. Not compatible with ProSpec track systems. Ceiling and horizontal or vertical wall mounts.

### Finish

All painted finishes are baked powder or enamel.

### Markings.



### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

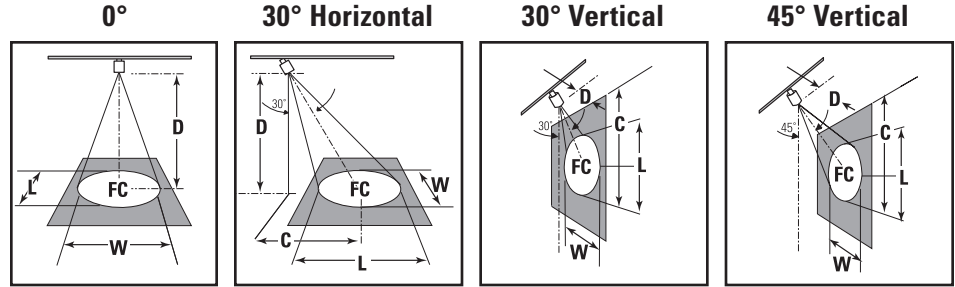
**Notes:**

**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.



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
24MHT4RS		17773	12,000	10	178	1.7	1.7	4	6.9	139	2.9	1.4	4	6.9	139	2.9	1.4	5	5.0	251	1.8	1.2
				12	123	2.1	2.1	5	8.7	89	3.6	1.7	5	8.7	89	3.6	1.7	6	6.0	175	2.1	1.5
				14	91	2.4	2.4	6	10.4	62	4.3	2.1	6	10.4	62	4.3	2.1	7	7.0	128	2.5	1.7
				16	69	2.8	2.8	7	12.1	45	5.0	2.4	7	12.1	45	5.0	2.4	8	8.0	98	2.8	2.0
24MHT4RNF		4017	12,000	6	112	2.4	2.4	6	3.5	72	3.3	2.8	2	3.5	126	3.7	1.6	3	3.0	158	2.5	1.7
				8	63	3.3	3.3	8	4.6	41	4.4	3.8	3	5.2	56	5.6	2.4	4	4.0	89	3.4	2.3
				10	40	4.1	4.1	10	5.8	26	5.5	4.7	4	6.9	31	7.4	3.3	5	5.0	57	4.2	2.9
				12	28	4.9	4.9	12	6.9	18	6.6	5.6	5	8.7	20	9.3	4.1	6	6.0	39	5.1	3.5
24MHT4RF		1859	12,000	6	52	3.8	3.8	5	2.9	48	4.3	3.6	1.5	2.6	103	5.4	1.9	2	2.0	164	2.8	1.8
				7	38	4.4	4.4	6	3.5	34	5.2	4.4	2	3.5	58	7.2	2.5	3	3.0	73	4.2	2.7
				8	29	5.0	5.0	7	4.0	25	6.1	5.1	3	5.2	26	10.8	3.8	4	4.0	41	5.6	3.6
				9	23	5.7	5.7	8	4.6	19	7.0	5.8	4	6.9	15	14.4	5.0	5	5.0	26	7.0	4.5

**Note:** For Champagne Bronze (CCZ), multiply FC values by 0.64. CCZ Champagne Bronze reflector "warms" the beam to 2700K.

**Job Information** **Type:**