

Ceiling Cutout: 5 3/4" (146 mm) Dia.

**For Complete Fixture Order:** Reflector Trim + Upper Reflector + Installation Ring + Gear Harness

**Ordering Information**

Reflector Trim	Upper Reflector	Installation Ring	Gear Harness	Lamp Data
C4T4ACDPEXP Comfort Clear Diffuse, Polished Flange	MHT4RF	C4XRM	BKT4U20 BKT4U39 BKT4U70	CDM-TC G8.5 70W Max

**Features**

- Upper Reflector:** Specular faceted aluminum; provides 40° beam. Interchangeable with 12° Spot (MHT4RS) and 25° Flood (MHT4RNF); see spec sheets C4T4AEXP-MHT4RS and C4T4AEXP-MHT4RNF. ORDER SEPARATELY.
- Reflector Trim:** Low brightness aperture cone; anodized aluminum, self-flanged in aperture-matching polished flange.
- Lamp Shield:** High-temperature glass as required by code; captive during re-lamping.
- Trim Adjustment Mechanism:** Provides 35° vertical tilt, 360° horizontal rotation; lockable. EZ-Aim Helical Drive System provides fast and accurate hot aiming with Philips screwdriver.
- Gear Harness:** Electronic 240V, 50/60Hz metal halide ballast with lamp socket and wiring harness. ORDER SEPARATELY. See separate specification sheet for details.
- Optional Accessory Holder:** Sold separately catalog # CAH4; die-formed steel, matte black finish, slide-in installation. Accepts up to two 3 3/4" dia. media.
- Installation Ring:** Cast aluminum ring is painted and has two 17ga. stainless steel springs that engage in upright position during installation. One touch snap action secures ring in ceiling cutout. ORDER SEPARATELY. See separate specification sheet for details.
- Trim Retention Springs:** Rust resistant springs secure reflector/housing for quick, toolless installation (quantity of 4).

**Certifications and Ratings**



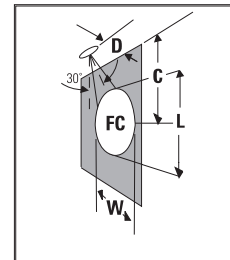
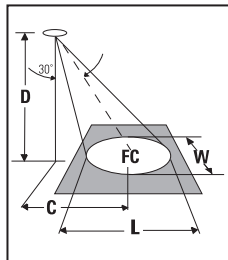
**Job Information**

**Type:**

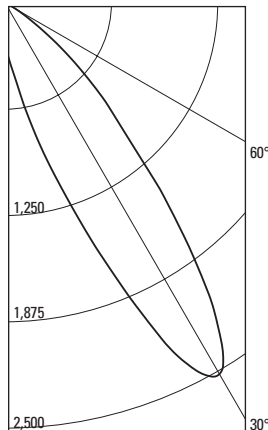
**Job Name:**  
**Cat. No.:**  
**Lamp(s):**  
**Notes:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
We reserve the right to change details of design, materials and finish.  
www.lightolier.com © 2011 Philips Group • C0711

(FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candlepower is reduced to 50% of the center beam candlepower. (C) is the distance to the center of the beam.



**CANDLEPOWER DISTRIBUTION**



**20W T4.5 – FLOOD**

ANGLE WALL AIMED 30° TOWARD WALL  
 0 244  
 5 361 T4 20W G.E. METAL HALIDE LAMP  
 10 581 LUMEN RATING = 1700 LMS.  
 15 962 AROMAT 20W ELECTRONIC BALLAST  
 20 1487 CBCP = 2,520 cd  
 25 2181 BEAM ANGLE = 22°  
 30 2520  
 35 2084 DATE: OCT 31, 2003  
 40 1382 CERTIFIED TEST REPORT NO. 2353FR  
 45 859  
 50 498 COMPUTED BY LSI PROGRAM  
 55 221 \*\*TEST-LITE\*\*  
 60 79  
 65 18  
 70 1  
 75 1  
 80 1  
 85 0  
 90 0

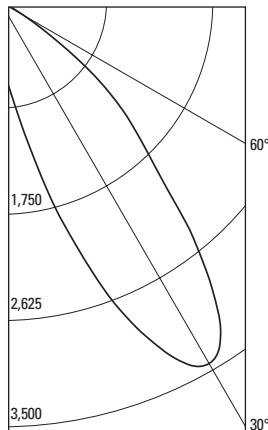
**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	45	3.1'	2.7'
8'	4.6'	26	4.2'	3.6'
10'	5.8'	16	5.2'	4.5'
12'	6.9'	11	6.3'	5.4'
15'	8.7'	7	7.9'	6.7'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	79	3.5'	1.6'
3'	5.2'	35	5.3'	2.3'
4'	6.9'	20	7.0'	3.1'
6'	10.4'	9	10.5'	4.7'
8'	13.9'	5	14.0'	6.2'

**CANDLEPOWER DISTRIBUTION**



**39W T4.5 – FLOOD REFLECTOR**

ANGLE WALL AIMED 30° TOWARD WALL  
 0 446  
 5 660 T4 39W PHILIPS METAL HALIDE LAMP  
 10 1052 LUMEN RATING = 3300 LMS.  
 15 1762 AROMAT 3,439 cd  
 20 2543 BEAM ANGLE = 30°  
 25 3163 AROMAT 39W ELECTRONIC BALLAST  
 30 3439 DATE: OCT 30, 2003  
 35 3133 CERTIFIED TEST REPORT NO. 2348FR  
 40 2389  
 45 1670 COMPUTED BY LSI PROGRAM  
 50 1191 \*\*TEST-LITE\*\*  
 55 614  
 60 226  
 65 59  
 70 3  
 75 0  
 80 0  
 85 0  
 90 0

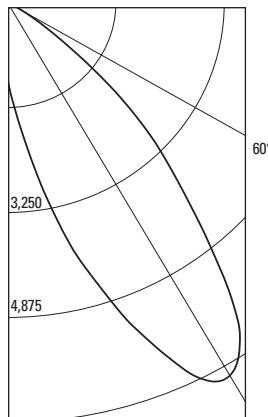
**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	62	4.4'	3.7'
8'	4.6'	35	5.9'	5.0'
10'	5.8'	22	7.3'	6.2'
12'	6.9'	16	8.8'	7.4'
15'	8.7'	10	11.0'	9.3'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	107	5.5'	2.1'
3'	5.2'	48	8.2'	3.2'
4'	6.9'	27	10.9'	4.3'
6'	10.4'	12	16.4'	6.4'
8'	13.9'	7	21.9'	8.6'

**CANDLEPOWER DISTRIBUTION**



**70W T4.5 – FLOOD REFLECTOR**

ANGLE WALL AIMED 30° TOWARD WALL  
 0 1179  
 5 1830 T4 70W PHILIPS METAL HALIDE LAMP  
 10 2840 LUMEN RATING = 6400 LMS.  
 15 4083 AROMAT 6,667 cd  
 20 5226 BEAM ANGLE = 33°  
 25 6268 AROMAT 70W ELECTRONIC BALLAST  
 30 6667 DATE: OCT 26, 2003  
 35 6027 CERTIFIED TEST REPORT NO. 2347FR  
 40 4505  
 45 3236 COMPUTED BY LSI PROGRAM  
 50 1985 \*\*TEST-LITE\*\*  
 55 858  
 60 287  
 65 55  
 70 1  
 75 1  
 80 1  
 85 1  
 90 1

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
8'	4.6'	68	6.5'	5.5'
10'	5.8'	43	8.1'	6.8'
12'	6.9'	30	9.8'	8.2'
15'	8.7'	19	12.2'	10.3'
20'	11.5'	11	16.3'	13.7'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
3'	5.2'	93	9.6'	3.6'
4'	6.9'	52	12.9'	4.7'
6'	10.4'	23	19.3'	7.1'
8'	13.9'	13	25.7'	9.5'
12'	20.8'	6	38.6'	14.2'

**Job Information Type:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
 www.lightolier.com © 2011 Philips Group • C0711