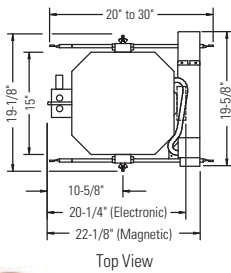
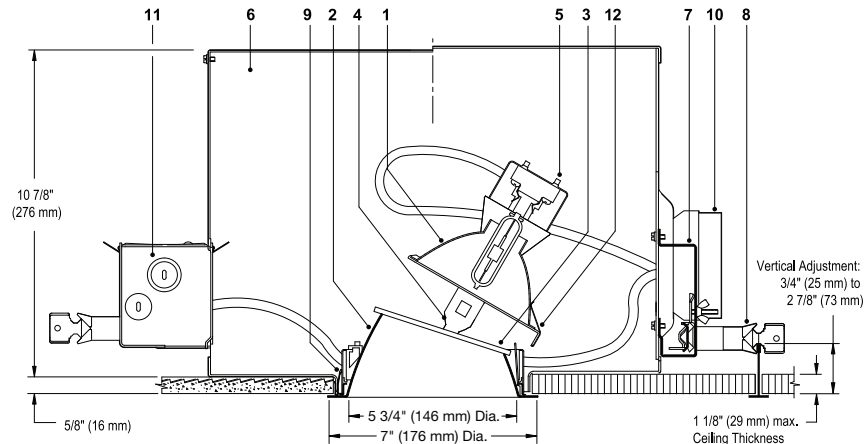




Calculite® HID Adjustable Accent **C6T6A-MHT6RNF**



Narrow Flood Upper Reflector



Ceiling Cutout: 6 9/16" (167mm) Dia.

For Complete Fixture Order: Trim Kit + Narrow Flood Upper Reflector (MHT6RNF) + Frame-In Kit. Each Sold Separately.

Trim Kit + Narrow Flood Upper Reflector		Frame-In Kit	Lamp		
C6T6A	+ MHT6RNF (Narrow Flood Upper Reflector)	C6A39T6E1	Electronic 120V	39W T6	Ceramic MH
CLW	Specular Clear, White Painted Flange	C6A39T6E2	Electronic 277V	39W T6	Ceramic MH
CLP	Specular Clear, Matching Flange	C6A70T6E1	Electronic 120V	70W T6	Ceramic MH
CCDW	Comfort Clear Diffuse, White Painted Flange	C6A70T6E2	Electronic 277V	70W T6	Ceramic MH
CCDP	Comfort Clear Diffuse, Matching Flange	C6A15T6E1	Electronic 120V	150W T6	Ceramic MH
CCZW	Champagne Bronze, White Painted Flange	C6A15T6E2	Electronic 277V	150W T6	Ceramic MH
CCZP	Champagne Bronze, Matching Flange				

Features

- Narrow Flood Upper Reflector:** Specular split faceted aluminum; provides 25° beam. Interchangeable with 12° Spot (MHT6RS) and 40° Flood (MHT6RF); see spec sheets C6T6A-MHT6RS and C6T6A-MHT6RF.
- Trim Kit:** Low brightness aperture cone; anodized aluminum, self-flanged in painted white or aperture-matching polished flange. Consult factory for other finishes.
- Lamp Shield:** High-temperature glass as required by code; captive during re-lamping.
- Trim Kit Adjustment Mechanism:** Provides 40° vertical tilt, 360° horizontal rotation; lockable. EZ-Aim Helical Drive System provides fast and accurate hot aiming with Philips screwdriver.
- Socket Housing:** Galvanized steel, pre-wired with G12 pulse rated socket. Snaps onto yoke for secure attachment without tools; unitized construction assures proper alignment of lamp to optics for consistent optical performance.
- Frame Housing:** Steel, 0.029" (22-Ga.), matte black finish. Removable cover for top re-lamping.
- Frame Vertical Adjustment Mechanism:** Accommodates mounting to virtually any ceiling system using pre-installed mounting bars, or 1/2" EMT tubing (by others). Single locking feature secures all adjustments. Alignment holes and markings allow fixture to be pre-set prior to installation. Final adjustment can be made from below from inside fixture.
- Mounting Bars:** Galvanized steel, 0.048" (18-ga.), pre-installed telescoping bars extend to 30" long and lock securely into position. Built-in locking tabs provide positive attachment to common T-bar systems. Self-centering feature simplifies installation in 24" O.C. grid systems. Attaches to steel or wood joists without accessories.
- Retention Springs:** Rust resistant springs secure trim for quick, tool-less installation.
- Ballast / Cover Assembly:** Accessible from below and removable without tools for inspection and ballast replacement.
- Junction Box:** 0.059" (16-ga.) galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors. Allows inspection from below.
- Accessory Holder:** Sold separately catalog # CAH6; die-formed steel, matte black finish, slide-in installation. Accepts up to two 4 3/4" dia. media.
- Thermal Protector:** (Not Shown) Meets NEC and UL requirements. Do not install insulation above nor within 3" (76mm) of any part of the luminaire.

Electrical

Electronic Ballast: 120 or 277V, 50/60 Hz., enclosed, high power factor, T.H.D <15%, thermally and transient protected, RMI/RFI complies with FCC Part 18 on-consumer equipment, shut-down circuit at end of lamp life, sound rating "A", -5°F (-20°F for 150W) minimum starting temperature, Type 1 outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
39W MH	M130	120/277	0.39/0.17	44
70W MH	M139	120/277	0.67/0.28	78
150W MH	M142	120/277	1.40/0.60	167

Options and Accessories

Chicago Plenum: Consult Factory

Fuse (magnetic ballast): Add suffix **F1** or **F2** to Frame-In Kit (F1=120V, F2=277V)

Labels

UL (Suitable for Damp Locations), CSA, I.B.E.W.

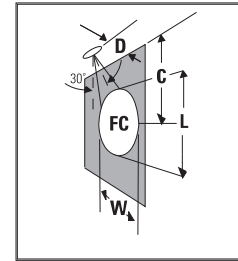
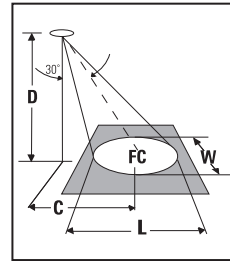
For 150W, install fixtures with minimum spacing between:

- Center-to center of adjacent luminaires: 2 feet.
- Top of luminaire to overhead building member: 1/2 inch.
- Luminaire center to side building member: 1 foot.

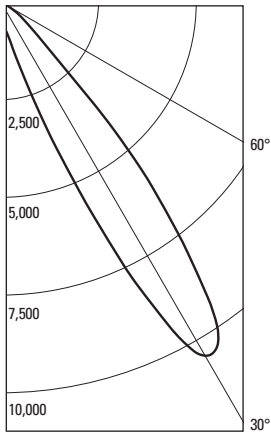
Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	



(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



39W T6 CERAMIC MH NARROW FLOOD UPPER REFLECTOR

ANGLE WALL
 0 572
 5 608
 10 737
 15 1373
 20 3477
 25 7417
 30 10451
 35 9231
 40 5593
 45 1881
 50 945
 55 562
 60 212
 65 46
 70 2
 75 0
 80 0
 85 0
 90 0

AIMED 30°. TOWARD WALL

LAMP: 39W T6 MH, PHILIPS
 LUMEN RATING: 3400 LMS.

CBCP: 10451
 Beam Angle: 18
 AROMAT 39W ELECTRONIC BALLAST

DATE: MAR 9, 2004
 CERTIFIED TEST REPORT NO. 2529FR

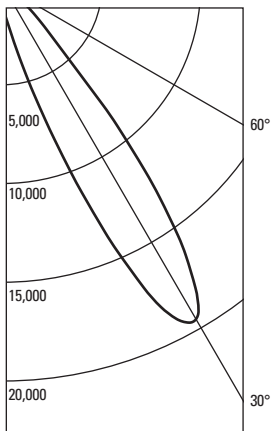
COMPUTED BY LSI PROGRAM
 TEST-LITE

30° Aiming Angle Horizontal Surface

D	C	FC	L	W
6'	3.5'	189	2.6'	2.2'
8'	4.6'	106	3.4'	2.9'
10'	5.8'	68	4.3'	3.7'
12'	6.9'	47	5.1'	4.4'
15'	8.7'	30	6.4'	5.5'

30° Aiming Angle Vertical Surface

D	C	FC	L	W
2'	3.5'	327	2.7'	1.3'
3'	5.2'	145	4.1'	1.9'
4'	6.9'	82	5.5'	2.5'
6'	10.4'	36	8.2'	3.8'
8'	13.9'	20	11.0'	5.1'



70W T6 CERAMIC MH NARROW FLOOD UPPER REFLECTOR

ANGLE WALL
 0 1518
 5 1673
 10 2589
 15 4991
 20 10029
 25 16852
 30 19503
 35 15467
 40 7844
 45 3109
 50 1583
 55 635
 60 195
 65 18
 70 0
 75 0
 80 0
 85 0
 90 0

AIMED 30°. TOWARD WALL

LAMP: 70W T6 MH, PHILIPS
 LUMEN RATING: 6600 LMS.

CBCP: 19503
 Beam Angle: 19
 AROMAT 150W ELECTRONIC BALLAST

DATE: MAR 13, 2004
 CERTIFIED TEST REPORT NO. 2526FR

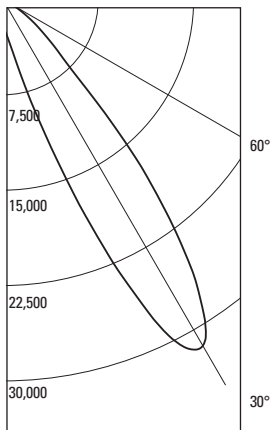
COMPUTED BY LSI PROGRAM
 TEST-LITE

30° Aiming Angle Horizontal Surface

D	C	FC	L	W
8'	4.6'	198	3.6'	3.1'
10'	5.8'	127	4.5'	3.9'
12'	6.9'	88	5.4'	4.6'
15'	8.7'	56	6.8'	5.8'
20'	11.5'	32	9.0'	7.7'

30° Aiming Angle Vertical Surface

D	C	FC	L	W
3'	5.2'	271	4.4'	2.0'
4'	6.9'	152	5.8'	2.7'
6'	10.4'	68	8.8'	4.0'
8'	13.9'	38	11.7'	5.4'
12'	20.8'	17	17.5'	8.0'



150W T6 CERAMIC MH NARROW FLOOD UPPER REFLECTOR

ANGLE WALL
 0 2007
 5 2615
 10 3893
 15 7816
 20 16207
 25 27282
 30 31443
 35 25856
 40 16177
 45 7133
 50 4260
 55 2397
 60 971
 65 287
 70 20
 75 0
 80 0
 85 0
 90 0

AIMED 30°. TOWARD WALL

LAMP: 150W T6 MH, PHILIPS
 LUMEN RATING: 14000 LMS.

CBCP: 31443
 Beam Angle: 21
 AROMAT 150W ELECTRONIC BALLAST

DATE: MAR 10, 2004
 CERTIFIED TEST REPORT NO. 2532FR

COMPUTED BY LSI PROGRAM
 TEST-LITE

30° Aiming Angle Horizontal Surface

D	C	FC	L	W
8'	4.6'	319	4.0'	3.4'
10'	5.8'	204	5.0'	4.3'
12'	6.9'	142	6.0'	5.1'
15'	8.7'	91	7.5'	6.4'
20'	11.5'	51	10.0'	8.6'

30° Aiming Angle Vertical Surface

D	C	FC	L	W
3'	5.2'	437	5.0'	2.2'
4'	6.9'	246	6.6'	3.0'
6'	10.4'	109	9.9'	4.4'
8'	13.9'	61	13.2'	5.9'
12'	20.8'	27	19.8'	8.9'

Job Information Type:

Lightolier a Genlyte company www.lightolier.com
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 We reserve the right to change details of design, materials and finish.
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