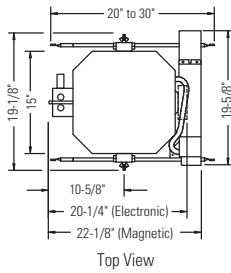




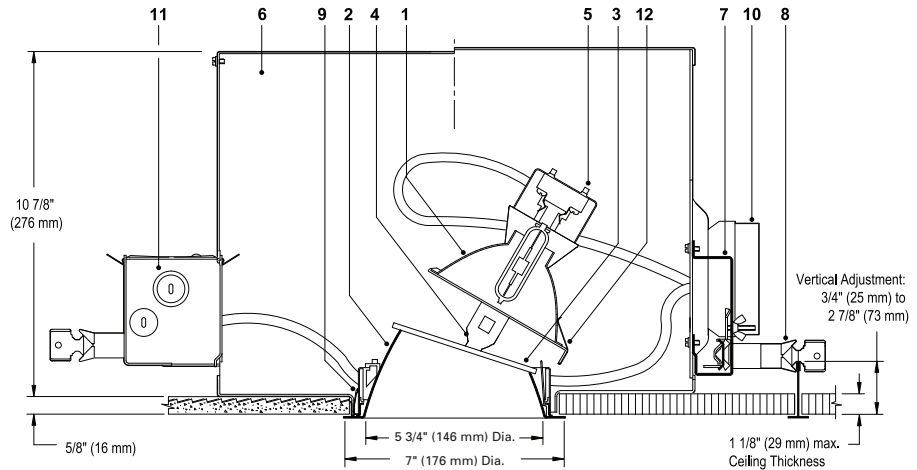
Calculite® HID Adjustable Accent **C6T6A-MHT6RS**



Spot Upper Reflector



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



For Complete Fixture Order: Trim Kit + Spot Upper Reflector (MHT6RS) + Frame-In Kit. Each Sold Separately.

| Trim Kit + Spot Upper Reflector | | Frame-In Kit | Lamp | | |
|---------------------------------|---|------------------|-----------------|---------|------------|
| C6T6A | + MHT6RS (Spot 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

- Spot Upper Reflector:** Specular faceted aluminum; provides 12° beam. Interchangeable with 25° Narrow Flood (MHT6RNF) and 40° Flood (MHT6RF); see spec sheets C6T6A-MHT6RNF 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 Phillips 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: 120V 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

Labels

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

For 150W, install fixtures with minimum spacing between:

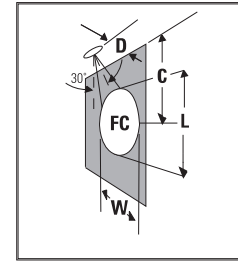
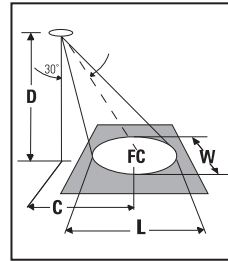
- Center-to center of adjacent luminaires: 2 feet.
- Top of luminaire to overhead building member: 1/2 inch.
- Luminaire center to side building member: 1 foot.

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

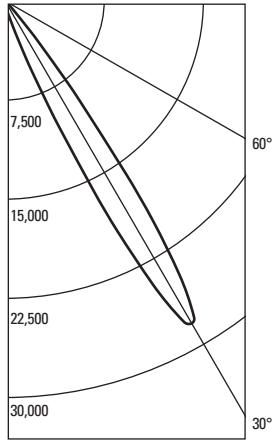


Calculite® HID Adjustable Accent **C6T6A-MHT6RS**

(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



ANGLE WALL **39W T6 - SPOT REFLECTOR**

| | |
|----|-------|
| 0 | 818 |
| 5 | 750 |
| 10 | 690 |
| 15 | 1259 |
| 20 | 4462 |
| 25 | 15824 |
| 30 | 28178 |
| 35 | 15763 |
| 40 | 2815 |
| 45 | 449 |
| 50 | 113 |
| 55 | 25 |
| 60 | 7 |
| 65 | 7 |
| 70 | 0 |
| 75 | 0 |
| 80 | 0 |
| 85 | 0 |
| 90 | 0 |

AIMED 30 deg. TOWARD WALL
LAMP: 39W T6 MH, PHILIPS
LUMEN RATING: 3400 LMS.
CBCP: 28178
Beam Angle: 11
AROMAT 39W ELECTRONIC BALLAST

DATE: APR 17, 2004
CERTIFIED TEST REPORT NO. 2603FR

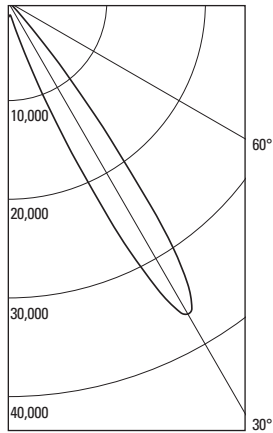
COMPUTED BY LSI PROGRAM
TEST-LITE

30° Aiming Angle Horizontal Surface

| D | C | FC | L | W |
|-----|------|-----|------|-------|
| 6' | 3.5' | 508 | 1.5' | 1.3' |
| 8' | 4.6' | 286 | 2.1' | 1.8' |
| 10' | 5.8' | 183 | 2.6' | 2.2' |
| 12' | 6.9' | 127 | 3.1' | 2.7' |
| 15' | 8.7' | 81 | 3.9' | 3.3'' |

30° Aiming Angle Vertical Surface

| D | C | FC | L | W |
|----|-------|-----|------|------|
| 2' | 3.5' | 881 | 1.6' | 0.8' |
| 3' | 5.2' | 391 | 2.4' | 1.2' |
| 4' | 6.9' | 220 | 3.2' | 1.5' |
| 6' | 10.4' | 98 | 4.8' | 2.3' |
| 8' | 13.9' | 55 | 6.3' | 3.1' |



ANGLE WALL **70W T6 - SPOT REFLECTOR**

| | |
|----|-------|
| 0 | 1572 |
| 5 | 1428 |
| 10 | 1372 |
| 15 | 2778 |
| 20 | 8866 |
| 25 | 24261 |
| 30 | 36503 |
| 35 | 25125 |
| 40 | 7106 |
| 45 | 1406 |
| 50 | 299 |
| 55 | 22 |
| 60 | 0 |
| 65 | 0 |
| 70 | 0 |
| 75 | 0 |
| 80 | 0 |
| 85 | 0 |
| 90 | 0 |

AIMED 30 deg. TOWARD WALL
LAMP: 70W T6 MH, PHILIPS
LUMEN RATING: 6600 LMS.
CBCP: 36503
Beam Angle: 14
AROMAT 70W ELECTRONIC BALLAST

DATE: APR 16, 2004
CERTIFIED TEST REPORT NO. 2602FR

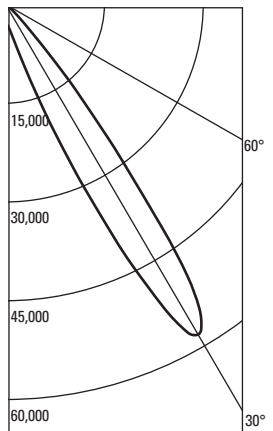
COMPUTED BY LSI PROGRAM
TEST-LITE

30° Aiming Angle Horizontal Surface

| D | C | FC | L | W |
|-----|-------|-----|------|------|
| 8' | 4.6' | 370 | 2.6' | 2.3' |
| 10' | 5.8' | 237 | 3.3' | 2.8' |
| 12' | 6.9' | 165 | 3.9' | 3.4' |
| 15' | 8.7' | 105 | 4.9' | 4.3' |
| 20' | 11.5' | 59 | 6.6' | 5.7' |

30° Aiming Angle Vertical Surface

| D | C | FC | L | W |
|-----|-------|-----|-------|------|
| 3' | 5.2' | 507 | 3.1' | 1.5' |
| 4' | 6.9' | 285 | 4.1' | 2.0' |
| 6' | 10.4' | 127 | 6.2' | 2.9' |
| 8' | 13.9' | 71 | 8.2' | 3.9' |
| 12' | 20.8' | 32 | 12.3' | 5.9' |



ANGLE WALL **150W T6 - SPOT REFLECTOR**

| | |
|----|-------|
| 0 | 3075 |
| 5 | 3190 |
| 10 | 4131 |
| 15 | 7281 |
| 20 | 17435 |
| 25 | 39398 |
| 30 | 57972 |
| 35 | 41597 |
| 40 | 14245 |
| 45 | 3556 |
| 50 | 1060 |
| 55 | 198 |
| 60 | 20 |
| 65 | 20 |
| 70 | 0 |
| 75 | 0 |
| 80 | 0 |
| 85 | 0 |
| 90 | 0 |

AIMED 30 deg. TOWARD WALL
LAMP: 150W T6 MH, PHILIPS
LUMEN RATING: 14000 LMS.
CBCP: 57972
Beam Angle: 15
AROMAT 150W ELECTRONIC BALLAST

DATE: APR 18, 2004
CERTIFIED TEST REPORT NO. 2604FR

COMPUTED BY LSI PROGRAM
TEST-LITE

30° Aiming Angle Horizontal Surface

| D | C | FC | L | W |
|-----|-------|-----|------|------|
| 8' | 4.6' | 588 | 2.8' | 2.4' |
| 10' | 5.8' | 377 | 3.5' | 3.0' |
| 12' | 6.9' | 261 | 4.2' | 3.6' |
| 15' | 8.7' | 167 | 5.3' | 4.6' |
| 20' | 11.5' | 94 | 7.1' | 6.1' |

30° Aiming Angle Vertical Surface

| D | C | FC | L | W |
|-----|-------|-----|-------|------|
| 3' | 5.2' | 805 | 3.3' | 1.6' |
| 4' | 6.9' | 453 | 4.4' | 2.1' |
| 6' | 10.4' | 201 | 6.7' | 3.2' |
| 8' | 13.9' | 113 | 8.9' | 4.2' |
| 12' | 20.8' | 50 | 13.3' | 6.3' |

Job Information

Type:

Lightolier a Genlyte company www.lightolier.com
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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