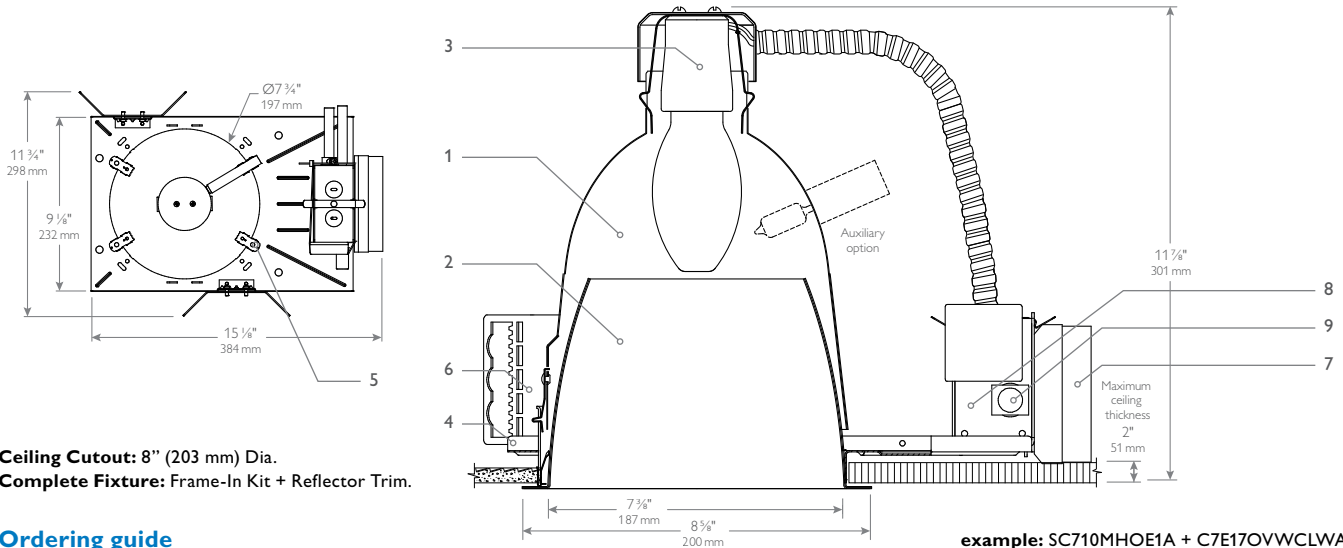


## Calculite HID 7", ED17 (Open Rated), Ceramic Metal Halide, Wide Beam

Project:	Catalog No:	Mfg:
Location:	Fixture Type:	Qty:
Notes:		Lamps:



**Ceiling Cutout:** 8" (203 mm) Dia.  
**Complete Fixture:** Frame-In Kit + Reflector Trim.

### Ordering guide

example: SC710MHOE1A + C7E170VWCLWA

Frame-In Kit Series	Lamp (Coated, Ceramic Metal Halide)	Voltage	Fuse
SC7 Calculite 7" Steel Frame	<b>10MHO</b> 100W, E17, ED17, BD17, (Open Rated)	<b>E1</b> 120V	<b>A</b> Auxiliary <sup>1</sup>
	<b>70MHO</b> 70W, E17, ED17, B17, (Open Rated)	<b>E2</b> 277V <b>E1-347</b> 347V <b>U</b> Universal	
	<b>15MHO</b> 150W, E17, ED17, BD17, (Open Rated)	<b>E1</b> 120V <b>E2</b> 277V <b>E1-347</b> 347V	

Reflector Trim	Reflector	Flange	Options
C7E170VW Calculite HID Downlight	<b>CL</b> Clear	<b>W</b> White (painted)	<b>A</b> Auxiliary <sup>2</sup>
	<b>CCD</b> Comfort Clear Diffuse	<b>P</b> Polished (matches aperture)	
	<b>CCZ</b> Champagne Bronze	<b>P</b> Polished (matches aperture)	

1. Only available with 120V and universal voltage.  
 2. Consult factory for availability with Comfort Clear Diffuse reflector (CCD) and Polished flange (P).

### Features

- Aperture Cone:** Clear anodized aluminum, 0.040" (16-ga.). Provides wide beam distribution.
- Lower Reflector:** Provides 50° visual cut-off to lamp and lamp image; self-flange in painted white or aperture-matching polished flange. Consult factory for other finishes.
- Socket Cup:** Galvanized steel, pre-wired with socket. Snaps onto upper reflector for secure attachment without tools; assures proper lamp alignment to optics for consistent performance.
- Mounting Frame:** Galvanized stamped steel for dry or plaster ceilings.
- Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- Mounting Brackets:** Galvanized steel. Adjustable through aperture. Use lathing channel (3/4" or 1 1/2"), 1/2" EMT, or optional mounting bars. See Options and Accessories for optional mounting bars.
- Ballast:** Electronic 120V or 277V. Accessible from below for inspection and/or replacement without tools.
- Junction Box:** galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors; allows inspection from below.
- 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 non-consumer limits, shut-down circuit at end of lamp life, sound rating "A", -5°F minimum starting temperature, Type 1 Outdoor rating.

### Electrical (continued)

Ballast	ANSI Code	Voltage	Max. Current	Input Power
70W MH	M98/M139	120/277	0.67/0.29 A	78 W
100W MH	M90/M140	120/277	0.90/0.43 A	110 W
150W MH	M102	120/277	1.40/0.61 A	167 W

### Options and Accessories

- 1950** 18" Mounting Bars (set of 2)
- 1951** 27" Mounting Bars (set of 2)
- 1956** Set of 4 for use with 18" or 27" mounting bars
- 7994** Adjustable Residential Mounting Bars
- Emergency lamp:** Consult Factory.
- Slope Ceiling Adapters:** See Spec Sheet SCA.
- Chicago Plenum:** Consult Factory.

### Labels

UL (Suitable for Damp Locations), CSA, I.B.E.W.  
 In some cases, mark spacing may apply.

Calculite HID 7", ED17 (Open Rated), Ceramic Metal Halide, Wide Beam

70W ED17 PHILIPS CMH LAMP, LUMEN RATING = 5700 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR TRIM

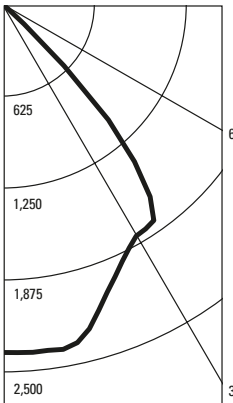


Table with columns: ANGLE, MEAN CP, LUMENS, LUMINANCE SUMMARY - CD. / SQ. M. Includes a sub-table for ZONAL LUMENS AND PERCENTAGES.

Coefficients of Utilization table with columns for CEILING, WALL, RCR, and Utilization coefficients for various RCR values.

\*\* EFFICIENCY = 59.0% \*\* SC = 1.2 CERTIFIED TEST REPORT NO. 2373FR, DATE: FEB 10, 2004 COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

100W ED17- PHILIPS CMH LAMP, LUMEN RATING = 8500 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR TRIM

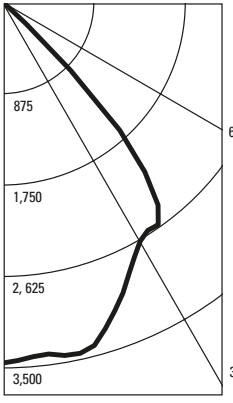


Table with columns: ANGLE, MEAN CP, LUMENS, LUMINANCE SUMMARY - CD. / SQ. M. Includes a sub-table for ZONAL LUMENS AND PERCENTAGES.

Coefficients of Utilization table with columns for CEILING, WALL, RCR, and Utilization coefficients for various RCR values.

\*\* EFFICIENCY = 58.6% \*\* SC = 1.1 CERTIFIED TEST REPORT NO. 2374FR, DATE: FEB 10, 2004 COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

150W ED17- PHILIPS CMH LAMP, LUMEN RATING = 11900 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR TRIM

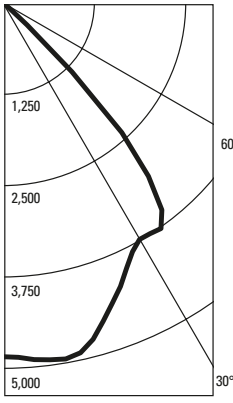


Table with columns: ANGLE, MEAN CP, LUMENS, LUMINANCE SUMMARY - CD. / SQ. M. Includes a sub-table for ZONAL LUMENS AND PERCENTAGES.

Coefficients of Utilization table with columns for CEILING, WALL, RCR, and Utilization coefficients for various RCR values.

\*\* EFFICIENCY = 59.7% \*\* SC = 1.2 CERTIFIED TEST REPORT NO. 2375FR, DATE: FEB 10, 2004 COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*



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