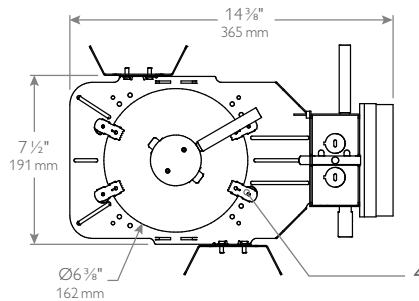


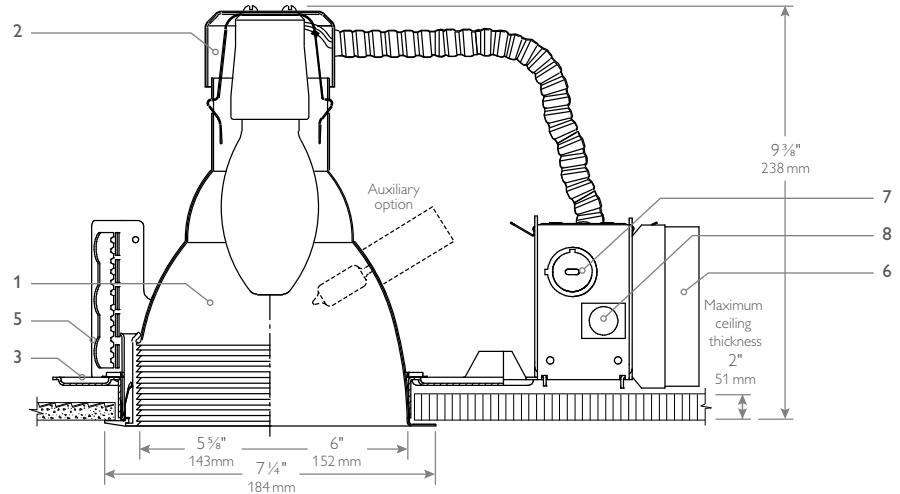
Calculite HID 6", ED17 (Open Rated), Ceramic Metal Halide, Medium Beam

Page 1 of 2

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



Ceiling Cutout: 6 9/16" (167 mm) Dia.
Complete Fixture: Frame-In Kit + Reflector Trim.



Ordering guide

example: SC610MHOE1 + C6E17OVMCLW

Frame-In Kit Series	Lamp (Coated, Ceramic Metal Halide)	Voltage	Fuse
SC6 Calculite 6" Steel Frame	10MHO 100W, E17, ED17, BD17 (Open Rated)	E1 120V E2 277V U Universal	A Auxiliary ¹
	70MHO 70W, E17, ED17, B17, (Open Rated)	E1 120V E2 277V E1-347 347V U Universal	A Auxiliary ² -F3 Fuse ³

Reflector Trim	Reflector	Flange	Options
C6E17OVM Calculite HID Downlight	CL Clear CCD Comfort Clear Diffuse	W White (painted) P Polished (matches aperture)	A Auxiliary ⁴

1. Only available with Universal voltage.

3. Fuse is only used with 347V.

2. For 120V or universal voltage, consult factory for 277V. See spec. sheet "A-E".

4. Only available with Clear reflector (CL) with White flange (W), consult factory for other options.

Features

- Reflector:** Provides 50° visual cutoff to 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:** galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors; allows inspection from below.

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 equipment, shut-down circuit at end of lamp life, sound rating "A", -5°F minimum starting temperature, Type 1 outdoor rating.

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

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.

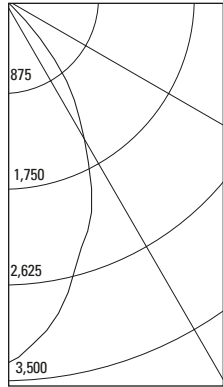
- 2ft spacing - SC670MHOE1-347
- SC670MHOE1-347-F3
- SC610MHOE1-347

Calculite HID 6", ED17 (Open Rated), Ceramic Metal Halide, Medium Beam

Page 2 of 2

70W ED17 PHILIPS CMH OPEN RATED LAMP-3K, LUMEN RATING = 5700 LMS, ELECTRONIC AROMAT BALLAST, CL FINISH REFLECTOR

CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMS.
0	3361	
5	3175	302
10	2929	
15	2559	731
20	2269	
25	1920	879
30	1491	
35	1140	708
40	735	
45	294	262
50	30	
55	5	9
60	2	
65	1	1
70	0	
75	0	0
80	0	
85	0	0
90	0	

LUMINANCE SUMMARY - CD. / SQ. M.

ANGLE	MEAN CD/SQ. M
45	22918
55	439
65	88
75	72
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1911	33.54	66.1
0-40	2619	45.96	90.57
0-60	2891	50.72	99.95
0-90	2892	50.74	100
40-90	272	4.78	9.43
60-90	1	0.02	0.05
90-180	0	0	0
0-180	2892	50.74	100

Coefficients of Utilization

CEILING	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
WALL																
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%															
0	.60	.60	.60	.60	.59	.59	.56	.56	.54	.54	.51	.51	.48	.48	.45	.45
1	.58	.57	.56	.55	.56	.54	.54	.52	.52	.51	.49	.49	.48	.46	.45	.44
2	.56	.54	.52	.50	.53	.50	.51	.49	.50	.48	.47	.45	.44	.43	.42	.41
3	.53	.50	.48	.47	.50	.46	.49	.46	.47	.45	.44	.43	.42	.41	.40	.39
4	.51	.48	.45	.44	.47	.43	.46	.43	.45	.42	.41	.40	.39	.38	.37	.36
5	.49	.45	.42	.41	.45	.40	.44	.40	.43	.40	.39	.38	.37	.36	.35	.34
6	.47	.43	.40	.38	.42	.38	.42	.38	.41	.37	.37	.36	.35	.34	.33	.32
7	.44	.40	.38	.36	.40	.35	.39	.35	.38	.34	.34	.33	.32	.31	.30	.29
8	.42	.38	.35	.33	.38	.33	.37	.33	.36	.32	.32	.31	.30	.29	.28	.27
9	.40	.36	.33	.31	.35	.31	.35	.31	.34	.30	.30	.29	.28	.27	.26	.25
10	.38	.34	.31	.29	.33	.29	.33	.29	.32	.28	.28	.27	.26	.25	.24	.23

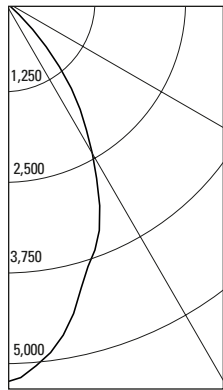
LUMINAIRE INPUT WATTS = 78

** EFFICIENCY = 50.7% **
SC = .8

CERTIFIED TEST REPORT NO. 2368FR, DATE: NOV 8, 2003
COMPUTED BY LSI PROGRAM **TEST-LITE**

100W ED17 PHILIPS CMH OPEN RATED LAMP-3K LUMEN RATING = 8500 LMS, ELECTRONIC AROMAT BALLAST, CL FINISH REFLECTOR

CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMS.
0	5263	
5	5047	478
10	4678	
15	4096	1171
20	3653	
25	3113	1424
30	2428	
35	1823	1140
40	1182	
45	553	457
50	73	
55	7	20
60	2	
65	0	1
70	0	
75	0	0
80	0	
85	0	0
90	0	

LUMINANCE SUMMARY - CD. / SQ. M.

ANGLE	MEAN CD/SQ. M
45	43001
55	641
65	37
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3073	36.16	65.52
0-40	4212	49.56	89.81
0-60	4689	55.17	99.99
0-90	4690	55.18	100
40-90	477	5.62	10.19
60-90	0	0.01	0.01
90-180	0	0	0
0-180	4690	55.18	100

Coefficients of Utilization

CEILING	80%				70%				50%				30%			
	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10
WALL																
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%															
0	.66	.66	.66	.66	.64	.64	.61	.61	.59	.59	.55	.55	.52	.52	.49	.49
1	.63	.62	.60	.59	.61	.58	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49
2	.60	.58	.56	.55	.57	.54	.55	.53	.54	.52	.51	.50	.49	.48	.47	.46
3	.58	.55	.52	.50	.54	.50	.53	.49	.51	.49	.48	.47	.46	.45	.44	.43
4	.55	.52	.49	.47	.51	.47	.50	.46	.49	.46	.45	.44	.43	.42	.41	.40
5	.53	.49	.46	.44	.48	.44	.47	.43	.46	.43	.42	.41	.40	.39	.38	.37
6	.51	.46	.43	.41	.46	.41	.45	.41	.44	.41	.40	.39	.38	.37	.36	.35
7	.48	.44	.41	.39	.43	.38	.42	.38	.41	.37	.36	.35	.34	.33	.32	.31
8	.46	.41	.38	.36	.41	.36	.40	.36	.39	.35	.34	.33	.32	.31	.30	.29
9	.43	.39	.36	.33	.38	.33	.37	.33	.36	.32	.31	.30	.29	.28	.27	.26
10	.41	.36	.33	.31	.36	.31	.35	.31	.34	.30	.29	.28	.27	.26	.25	.24

LUMINAIRE INPUT WATTS = 110

** EFFICIENCY = 55.2% **
SC = .8

CERTIFIED TEST REPORT NO. 2261FR, DATE: JUN 17, 2003
COMPUTED BY LSI PROGRAM **TEST-LITE**



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