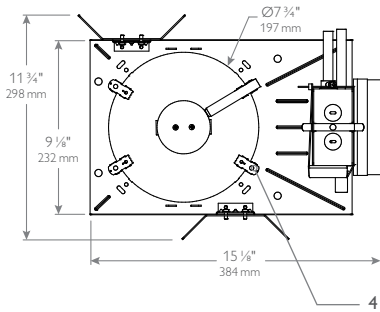
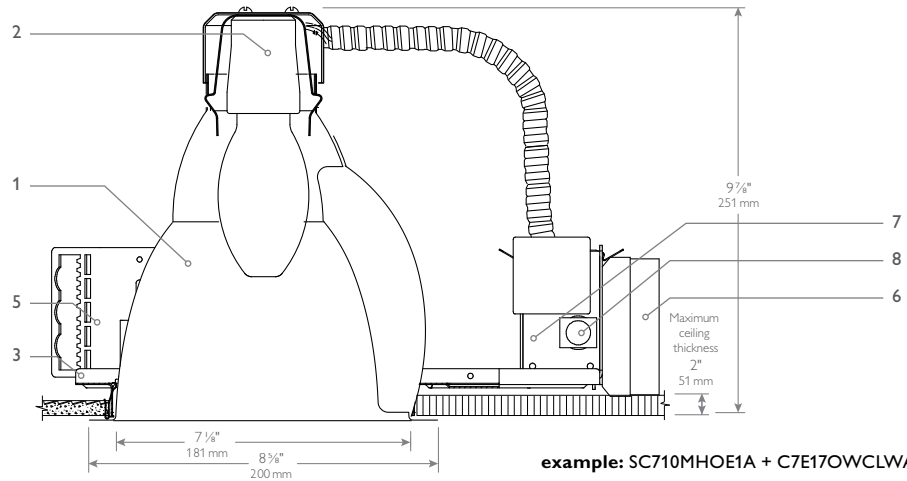


Calculite HID 7", ED17 (Open Rated), Ceramic Metal Halide, Wall Wash

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



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



example: SC710MHOE1A + C7E17OWCLWA

Ordering guide

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

Reflector Trim	Reflector	Flange
C7E17OW Calculite HID Wall Wash	CL Clear CCD Comfort Clear Diffuse	W White (painted) P 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

- Downlight/Wall Washer Reflector Trim:** Anodized aluminum, 0.040" (16-ga.). Provides vertical surface wall washing and medium beam downlighting; 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.
- Retention Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- Mounting Bars:** Galvanized steel. Adjustable through aperture. Use 3/4" or 1 1/2" lathing channel, 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., encased, 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 (-20°F for 150W) minimum starting temperature, Type 1 outdoor rating.

Ballast	ANSI Code	Voltage	Max. Current	Input Power
70W MH	M98/M143	120/277	0.67/0.28 A	78W
100W MH	M90/M140	120/277	0.90/0.43 A	110W
150W MH	M102	120/277	1.40/0.61 A	167W

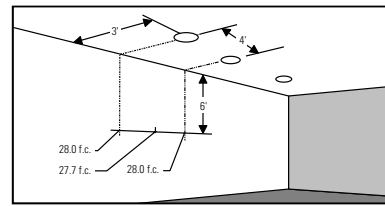
Options and Accessories

- 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.

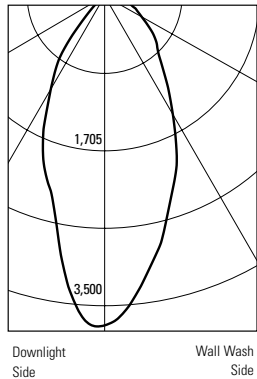
Calculite HID 7", ED17 (Open Rated), Ceramic Metal Halide, Wall Wash



Lighting Data - Example
C7E170W illumination on the wall 6' down from the ceiling is 28.0 f.c. beneath and 27.7 f.c. between fixtures.

CANDLEPOWER DISTRIBUTION

70W ED17 PHILIPS COATED CERAMIC MH, 3K. LUMEN RATING = 5700 LMS., AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR TRIM, REPORT NO. 2343FR



Multiple Units - Footcandles On Wall
3' from Wall - 3' On Center

Distance From Ceiling in Feet	1	2	3
1	40.8	35.4	40.8
2	53.2	49.6	53.2
3	50.4	50.7	50.3
4	45.3	46.2	45.3
5	42.4	42.9	42.4
6	38.1	39.1	38.1
7	33.9	34.7	33.9
8	30.2	30.5	30.2
9	27.2	27.1	27.2
10	24.5	24.3	24.5
11	22.2	22.0	22.2
12	20.5	20.3	20.5
13	19.2	19.1	19.2
14	18.4	18.4	18.4

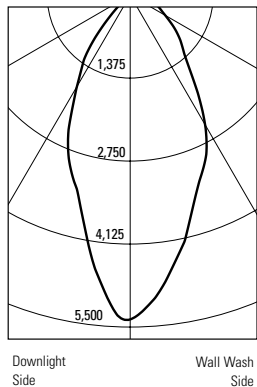
Multiple Units - Footcandles On Wall
3' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3
1	34.7	19.9	34.7
2	43.5	31.3	43.4
3	40.3	32.2	40.3
4	34.5	32.0	34.5
5	31.4	30.2	31.4
6	28.0	27.7	28.0
7	24.3	25.2	24.2
8	21.4	22.4	21.4
9	19.1	19.8	19.1
10	17.3	17.6	17.3
11	15.8	15.9	15.8
12	14.6	14.5	14.6
13	13.8	13.6	13.7
14	13.2	13.0	13.2

Multiple Units - Footcandles On Wall
4' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3
1	19.2	16.5	19.2
2	26.9	25.9	26.9
3	30.9	29.0	30.9
4	28.7	29.2	28.7
5	26.2	27.1	26.2
6	25.1	25.3	25.1
7	23.9	24.3	23.9
8	22.2	22.8	22.2
9	20.6	21.1	20.5
10	19.0	19.3	19.0
11	17.7	17.8	17.7
12	16.5	16.4	16.5
13	15.5	15.3	15.4
14	14.6	14.5	14.6

100W ED17 PHILIPS COATED CERAMIC MH, 3K. LUMEN RATING = 8500 LMS., AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR TRIM, REPORT NO. 2344FR



Multiple Units - Footcandles On Wall
3' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3
1	46.6	28.6	46.6
2	60.9	43.0	60.9
3	58.6	44.3	58.6
4	51.9	44.8	51.9
5	49.3	42.1	49.3
6	42.6	39.5	42.6
7	36.0	36.4	36.0
8	31.6	32.5	31.6
9	28.4	28.7	28.4
10	25.8	25.6	25.8
11	23.6	23.2	23.6
12	21.7	21.3	21.7
13	20.4	20.1	20.4
14	19.6	19.3	19.6

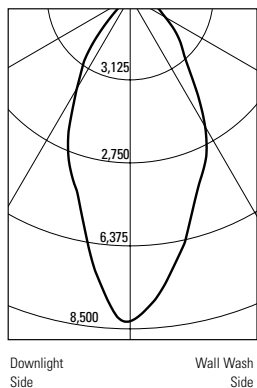
Multiple Units - Footcandles On Wall
4' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3
1	25.8	22.6	25.8
2	37.5	35.2	37.5
3	43.4	39.7	43.4
4	41.4	39.8	41.4
5	38.9	37.1	38.9
6	38.4	34.9	38.4
7	36.5	33.9	36.5
8	33.5	32.3	33.5
9	30.7	30.0	30.7
10	28.3	27.7	28.3
11	26.2	25.6	26.2
12	24.4	23.8	24.4
13	22.8	22.4	22.8
14	21.6	21.2	21.6

Multiple Units - Footcandles On Wall
4' from Wall - 5' On Center

Distance From Ceiling in Feet	1	2	3
1	24.0	16.7	24.0
2	33.5	26.5	33.5
3	38.4	30.1	38.3
4	36.5	30.3	36.5
5	33.3	30.1	33.3
6	32.5	28.8	32.5
7	31.2	27.6	31.1
8	28.1	26.6	28.1
9	25.3	25.3	25.3
10	23.2	23.5	23.2
11	21.7	21.8	21.7
12	20.4	20.2	20.4
13	19.3	18.9	19.3
14	18.4	17.9	18.4

150W ED17 PHILIPS COATED CERAMIC MH, 3K. LUMEN RATING = 11900 LMS., AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR TRIM, REPORT NO. 2365FR



Multiple Units - Footcandles On Wall
3' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3
1	47.4	38.1	47.4
2	68.3	57.9	68.3
3	74.4	64.1	74.4
4	71.4	69.7	71.4
5	71.3	68.2	71.3
6	63.3	65.2	63.3
7	55.4	59.4	55.3
8	49.6	52.4	49.6
9	44.9	45.9	44.9
10	40.6	40.5	40.6
11	37.0	36.5	37.0
12	33.9	33.4	33.9
13	31.8	31.3	31.7
14	30.5	30.1	30.5

Multiple Units - Footcandles On Wall
4' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3
1	30.7	28.7	30.7
2	44.7	41.6	44.6
3	52.7	50.5	52.7
4	54.6	55.5	54.6
5	54.9	56.5	54.9
6	55.6	56.9	55.6
7	53.7	56.6	53.7
8	50.5	53.2	50.5
9	47.3	48.8	47.3
10	44.2	44.7	44.2
11	41.2	41.1	41.2
12	38.3	38.1	38.3
13	35.9	35.8	35.8
14	34.0	34.0	34.0

Multiple Units - Footcandles On Wall
4' from Wall - 5' On Center

Distance From Ceiling in Feet	1	2	3
1	26.8	23.7	26.8
2	38.3	33.5	38.3
3	44.7	40.3	44.7
4	47.1	43.1	47.1
5	45.7	45.8	45.7
6	46.5	45.6	46.5
7	45.3	45.2	45.3
8	41.7	43.7	41.7
9	38.5	41.0	38.5
10	36.0	37.9	36.0
11	34.0	34.8	34.0
12	32.0	32.1	32.0
13	30.2	29.9	30.2
14	28.9	28.3	28.9



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