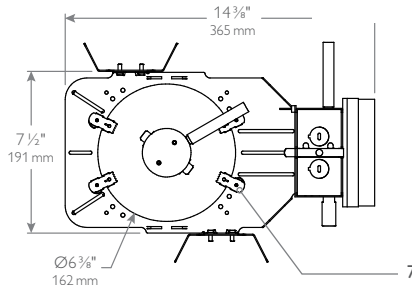
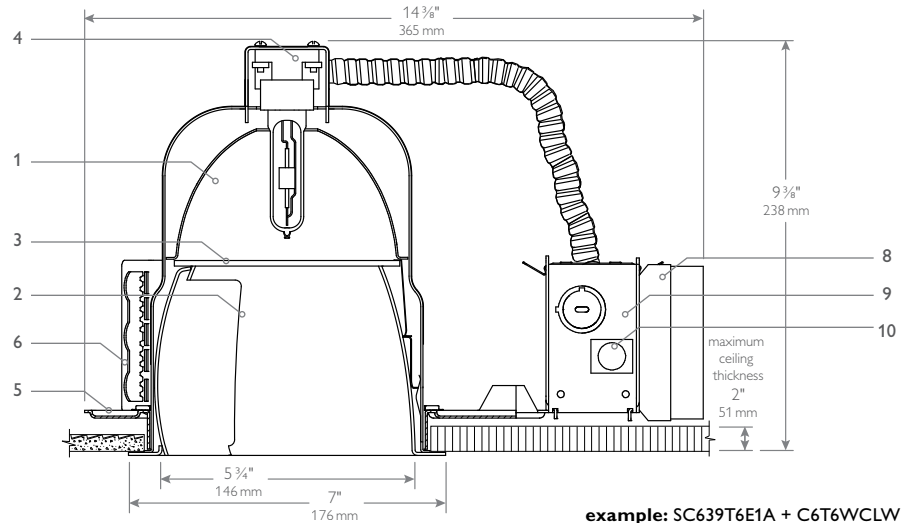


Project:	Catalog No:	Mfg:
Location:	Fixture Type:	Qty:
Notes:		Lamps:



Ceiling Cutout: 6 9/16" (162 mm) Dia.
Complete Fixture: Frame-In Kit + Reflector Trim.



example: SC639T6E1A + C6T6WCLW

Frame-In Kit Series	Lamp	Voltage	Option
SC6 Calculite 6" Steel Frame	15T6 150W T6 Ceramic Metal Halide	E1 120V	A Auxiliary ¹
	39T6 39W T6 Ceramic Metal Halide	E2 277V	
	70T6 70W T6 Ceramic Metal Halide	E1-347 347V	

Reflector Trim	Reflector	Flange
C6T6W Calculite HID Downlight	CL Clear	W White (painted)
	CCD Comfort Clear Diffuse	P Polished (matches aperture)
	CCZ Champagne Bronze	P Polished (matches aperture)

1. For 120V only, consult factory for 277V. See Spec. Sheet "A-E".

Features

- Upper Reflector:** Clear anodized aluminum, 0.040" (16-ga.). Provides wide beam optics ideal for general lighting and wall washing.
- Downlight/Wall Washer Reflector:** Provides vertical surface wall washing and downlighting. Low brightness with 50° visual cut off to lamp and lamp image.
- Lamp Shield:** High-temperature glass as required by code, captive during re-lamping. Light diffusion provides exceptionally smooth beam.
- 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.
- 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.
- Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.

- Ballast:** Snaps onto junction box without tools for inspection and ballast replacement, accessible from below.
- 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: 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 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
39W MH	M130	120/277	0.39/0.17 A	44 W
70W MH	M139	120/277	0.67/0.29 A	78 W
150W MH	M142	120/277	1.40/0.60 A	169/166 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.

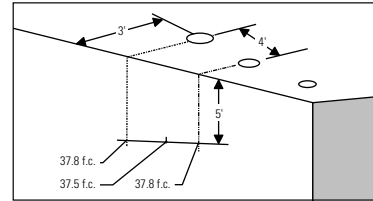
Labels

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

In some cases, mark spacing may apply.

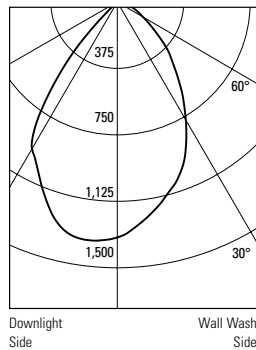
- 2ft spacing - SC639T6E1-347 and SC670T6E1-347
- 3ft spacing - SC615T6E1, SC615T6E1A, SC615T6E2, and SC615T6E1-347

Lighting Data - Example
C6T6WCLW illumination on the wall 5' down from the ceiling is 37.8 f.c. beneath and 37.5 f.c. between fixtures.



CANDLEPOWER DISTRIBUTION

39W T6 - PHILIPS, CERAMIC MH. LUMEN RATING = 3400 LMS., AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR. REPORT NO. 2586FR

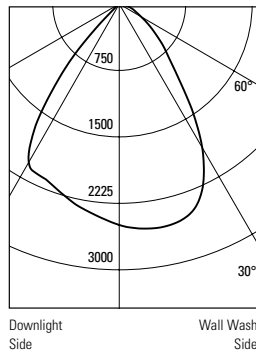


Multiple Units - Footcandles On Wall		
3' from Wall - 3' On Center		
Distance From Ceiling in Feet	1	2
1	12.1	11.0
2	20.4	18.8
3	24.6	23.9
4	24.6	26.2
5	24.9	24.1
6	22.9	21.9
7	20.2	20.0
8	17.8	18.0
9	16.0	16.1
10	14.4	14.4
11	13.2	13.1
12	12.1	12.0
13	11.3	11.2
14	10.7	10.7

Multiple Units - Footcandles On Wall		
3' from Wall - 4' On Center		
Distance From Ceiling in Feet	1	2
1	9.6	6.3
2	16.5	11.8
3	19.9	14.9
4	18.3	18.9
5	16.9	18.9
6	16.4	16.3
7	15.1	14.1
8	13.3	12.6
9	11.6	11.4
10	10.3	10.4
11	9.3	9.4
12	8.5	8.7
13	7.9	8.0
14	7.5	7.5

Multiple Units - Footcandles On Wall		
4' from Wall - 4' On Center		
Distance From Ceiling in Feet	1	2
1	4.9	4.2
2	9.4	8.8
3	12.5	11.4
4	14.1	13.7
5	13.9	15.0
6	14.3	14.5
7	14.2	13.6
8	13.3	12.7
9	12.2	12.0
10	11.2	11.2
11	10.4	10.5
12	9.6	9.7
13	9.0	9.0
14	8.4	8.5

70W T6 - PHILIPS, CERAMIC MH. LUMEN RATING = 6600 LMS., AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR. REPORT NO. 2588FR

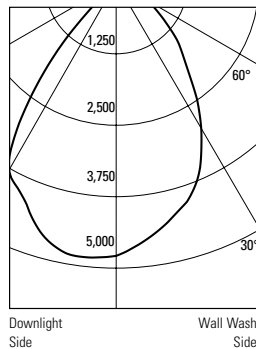


Multiple Units - Footcandles On Wall		
3' from Wall - 3' On Center		
Distance From Ceiling in Feet	1	2
1	22.3	20.9
2	36.2	32.2
3	44.2	41.2
4	48.9	48.5
5	52.4	51.4
6	49.2	50.2
7	44.2	45.8
8	39.4	40.4
9	35.2	35.5
10	31.6	31.5
11	28.7	28.5
12	26.2	26.0
13	24.2	24.2
14	22.9	22.9

Multiple Units - Footcandles On Wall		
3' from Wall - 4' On Center		
Distance From Ceiling in Feet	1	2
1	17.4	12.2
2	29.6	19.7
3	35.7	25.9
4	37.3	33.9
5	37.8	37.5
6	36.2	36.0
7	32.5	32.9
8	28.4	29.3
9	25.0	25.8
10	22.3	23.0
11	20.2	20.6
12	18.4	18.7
13	17.0	17.2
14	16.0	16.2

Multiple Units - Footcandles On Wall		
4' from Wall - 4' On Center		
Distance From Ceiling in Feet	1	2
1	9.5	8.1
2	16.7	14.9
3	22.3	19.7
4	25.2	23.6
5	26.8	26.8
6	29.6	28.8
7	30.0	29.7
8	28.5	29.1
9	26.5	27.5
10	24.6	25.4
11	22.9	23.3
12	21.2	21.4
13	19.7	19.8
14	18.5	18.5

150W T6 - PHILIPS, CERAMIC MH. LUMEN RATING = 14000 LMS., AROMAT ELECTRONIC BALLAST, CL FINISH REFLECTOR. REPORT NO. 2589FR



Multiple Units - Footcandles On Wall		
3' from Wall - 4' On Center		
Distance From Ceiling in Feet	1	2
1	36.9	25.3
2	63.9	45.4
3	75.2	57.8
4	69.3	70.3
5	64.9	69.8
6	62.1	60.6
7	56.2	53.2
8	49.2	47.5
9	43.2	42.6
10	38.3	38.5
11	34.6	35.1
12	31.6	32.1
13	29.3	29.7
14	27.6	27.8

Multiple Units - Footcandles On Wall		
4' from Wall - 4' On Center		
Distance From Ceiling in Feet	1	2
1	18.9	16.4
2	36.3	33.5
3	48.1	44.3
4	53.3	52.5
5	52.6	55.7
6	54.5	53.8
7	53.5	51.2
8	49.6	48.2
9	45.4	45.2
10	41.8	42.1
11	38.7	39.1
12	35.8	36.1
13	33.3	33.5
14	31.2	31.3

Multiple Units - Footcandles On Wall		
4' from Wall - 5' On Center		
Distance From Ceiling in Feet	1	2
1	18.3	13.3
2	33.0	25.9
3	43.5	33.8
4	47.1	39.8
5	44.9	45.5
6	43.4	46.6
7	43.5	43.4
8	41.7	39.9
9	38.8	37.1
10	35.6	34.6
11	32.8	32.4
12	30.3	30.3
13	28.2	28.4
14	26.6	26.8



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