

Ceiling Cutout: 6 9/16" (129 mm) Dia.

### Ordering Information

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
C6T6VMCCDPEXP Comfort Clear Diffuse, Polished Flange	C6XRMM	BKT6U39 BKT6U70 BKT6U15	CDM-T G12 39W CDM-T G12 70W CDM-T G12 150W

### Features

- Upper Reflector:** Clear anodized aluminum, 0.040" (16-ga.). Provides medium beam optics ideal for general lighting. Also available in narrow and wide beam, see C6T6VNEXP and C6T6VWEXP specification sheets.
- Aperture Cone:** Provides 50° visual cut-off to lamp and lamp image; self-flange in aperture-matching polished flange.
- Lamp Shield:** High-temperature glass as required by code, captive during re-lamping. Light diffusion provides exceptionally smooth beam.
- Socket Housing:** Galvanized steel, pre-wired with G12 pulse rated socket. Snaps onto upper reflector for secure attachment without tools; unitized construction assures proper lamp alignment to optics for consistent performance.
- Installation Ring:** Cast aluminum ring is painted matte white and has two 17ga. stainless steel springs that engage in upright position during installation. One touch snap action secures ring in ceiling cutout. ORDER SEPARATELY. See separate specification sheet for details.
- Trim Retention Springs:** Rust resistant springs secure reflector/housing for quick, toolless installation (quantity of 4).
- Gear harness:** Electronic metal halide ballast with lamp socket and wiring harness. ORDER SEPARATELY. See separate specification sheet for details.

### Certifications and Ratings



### Job Information

### Type:

Job Name:

Cat. No.:

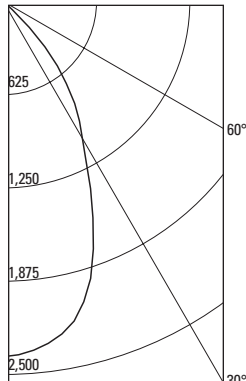
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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### 39W T6 PHILIPS CMH LAMP, LUMEN RATING = 3400 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH TRIM

#### CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	2382	
5	2347	223
10	2265	
15	2086	581
20	1766	
25	1385	648
30	1062	
35	836	518
40	566	
45	248	209
50	20	
55	3	6
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

LUMINANCE SUMMARY CD. / SQ. M.	
ANGLE	MEAN CD/SQ M
45	21039
55	301
65	5
75	19
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	1452	42.71	66.44
0-40	1970	57.94	90.14
0-60	2185	64.28	99.99
0-90	2185	64.28	100
40-90	215	6.34	9.86
60-90	0	0	0.01
90-180	0	0	0
0-180	2185	64.28	100

#### Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	
WALL											
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%										
0	.77	.77	.77	.77	.75	.75	.72	.72	.69	.69	.64
1	.74	.72	.71	.69	.71	.68	.68	.66	.66	.64	.61
2	.71	.68	.66	.64	.67	.63	.65	.62	.63	.61	.58
3	.68	.64	.61	.59	.63	.59	.62	.58	.60	.57	.55
4	.65	.61	.58	.55	.60	.55	.59	.54	.57	.54	.52
5	.62	.57	.54	.52	.57	.51	.56	.51	.55	.50	.49
6	.59	.54	.51	.49	.54	.48	.53	.48	.52	.48	.47
7	.56	.51	.48	.45	.51	.45	.50	.45	.49	.45	.44
8	.54	.48	.45	.42	.48	.42	.47	.42	.47	.42	.41
9	.51	.46	.42	.40	.45	.40	.45	.39	.44	.39	.38
10	.49	.43	.39	.37	.43	.37	.42	.37	.42	.37	.36

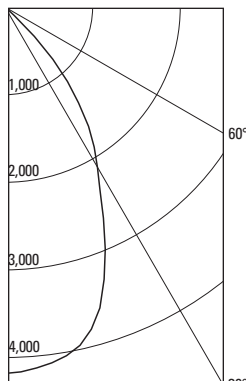
LUMINAIRE INPUT WATTS = 44

\*\* EFFICIENCY = 64.3% \*\*  
SC = 0.9

CERTIFIED TEST REPORT NO. 2337FR, DATE: OCT 24, 2003  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

### 70W T6 PHILIPS CMH LAMP, LUMEN RATING = 6600 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH TRIM

#### CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	4188	
5	4141	394
10	4047	
15	3813	1062
20	3312	
25	2664	1244
30	2115	
35	1667	1031
40	1114	
45	479	408
50	32	
55	3	8
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

LUMINANCE SUMMARY CD. / SQ. M.	
ANGLE	MEAN CD/SQ M
45	40627
55	293
65	0
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	2700	40.92	65.12
0-40	3731	56.53	89.97
0-60	4147	62.84	100
0-90	4147	62.84	100
40-90	416	6.3	10.03
60-90	0	0	0
90-180	0	0	0
0-180	4147	62.84	100

#### Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	
WALL											
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%										
0	.76	.76	.76	.76	.74	.74	.70	.70	.67	.67	.63
1	.72	.71	.69	.68	.70	.67	.67	.65	.65	.63	.60
2	.69	.67	.65	.62	.66	.62	.63	.60	.62	.59	.57
3	.66	.63	.60	.58	.62	.57	.60	.57	.59	.56	.54
4	.64	.59	.56	.54	.59	.54	.57	.53	.56	.52	.51
5	.61	.56	.53	.50	.55	.50	.54	.50	.53	.49	.48
6	.58	.53	.50	.47	.52	.47	.51	.47	.51	.46	.45
7	.55	.50	.46	.44	.49	.44	.49	.44	.48	.43	.42
8	.53	.47	.43	.41	.46	.41	.46	.41	.45	.41	.40
9	.50	.44	.41	.38	.44	.38	.43	.38	.43	.38	.37
10	.47	.41	.38	.36	.41	.36	.41	.35	.40	.35	.34

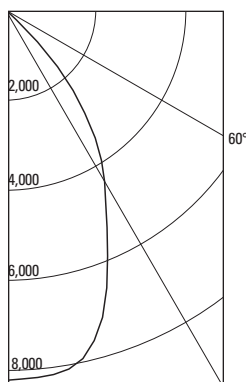
LUMINAIRE INPUT WATTS = 78

\*\* EFFICIENCY = 62.8% \*\*  
SC = 0.9

CERTIFIED TEST REPORT NO. 2335FR, DATE: OCT 14, 2003  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

### 150W T6 PHILIPS CMH LAMP, LUMEN RATING = 14000 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH TRIM

#### CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	8225	
5	8192	780
10	8097	
15	7601	2116
20	6568	
25	5331	2503
30	4397	
35	3473	2148
40	2333	
45	1004	856
50	77	
55	7	20
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

LUMINANCE SUMMARY CD. / SQ. M.	
ANGLE	MEAN CD/SQ M
45	85101
55	731
65	0
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	5399	38.57	64.1
0-40	7547	53.91	89.6
0-60	8423	60.17	100
0-90	8423	60.17	100
40-90	875	6.26	10.4
60-90	0	0	0
90-180	0	0	0
0-180	8423	60.17	100

#### Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	
WALL											
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%										
0	.72	.72	.72	.72	.70	.70	.67	.67	.64	.64	.60
1	.69	.67	.66	.65	.66	.64	.64	.62	.61	.60	.57
2	.66	.64	.61	.60	.62	.59	.60	.58	.59	.56	.54
3	.63	.60	.57	.55	.59	.55	.58	.54	.56	.53	.51
4	.60	.56	.54	.51	.56	.51	.55	.50	.53	.50	.48
5	.58	.53	.50	.48	.53	.47	.52	.47	.51	.47	.45
6	.55	.50	.47	.45	.50	.45	.49	.44	.48	.44	.43
7	.52	.47	.44	.42	.47	.41	.46	.41	.45	.41	.40
8	.50	.44	.41	.39	.44	.39	.43	.39	.43	.38	.37
9	.47	.42	.38	.36	.41	.36	.41	.36	.40	.36	.35
10	.45	.39	.36	.34	.39	.34	.38	.33	.38	.33	.32

LUMINAIRE INPUT WATTS = 167

\*\* EFFICIENCY = 60.2% \*\*  
SC = 0.9

CERTIFIED TEST REPORT NO. 2332FR, DATE: OCT 13, 2003  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

#### Job Information Type:

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