

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

Ordering Information

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
C6T6VWCCDPEXP Comfort Clear Diffuse, Polished Flange	C6XR	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 wide beam optics ideal for general lighting. Also available in narrow and medium beam, see C6T6VNEXP and C6T6VMEXP 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

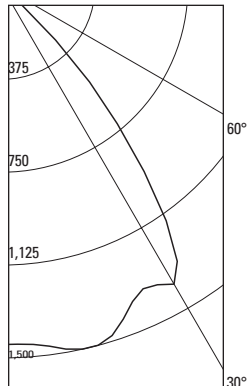


Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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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	1448	
5	1453	139
10	1489	
15	1502	420
20	1431	
25	1349	638
30	1390	
35	1157	695
40	726	
45	308	264
50	24	
55	3	7
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	26087
55	338
65	0
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	1197	35.22	55.34
0-40	1893	55.68	87.47
0-60	2164	63.65	100
0-90	2164	63.65	100
40-90	271	7.97	12.53
60-90	0	0	0
90-180	0	0	0
0-180	2164	63.65	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	.71	.71	.68	.68	.64
1	.73	.71	.70	.68	.70	.67	.67	.65	.65	.63	.60
2	.70	.67	.64	.62	.66	.62	.63	.60	.62	.59	.57
3	.66	.62	.59	.57	.61	.56	.60	.56	.58	.55	.53
4	.63	.58	.55	.53	.58	.52	.56	.52	.55	.51	.49
5	.60	.55	.51	.48	.54	.48	.53	.48	.52	.47	.46
6	.57	.51	.47	.45	.51	.44	.50	.44	.49	.44	.43
7	.53	.48	.44	.41	.47	.41	.46	.41	.45	.40	.39
8	.50	.44	.40	.38	.44	.37	.43	.37	.42	.37	.36
9	.47	.41	.37	.34	.41	.34	.40	.34	.39	.34	.33
10	.44	.38	.34	.31	.38	.31	.37	.31	.37	.31	.30

LUMINAIRE INPUT WATTS = 44

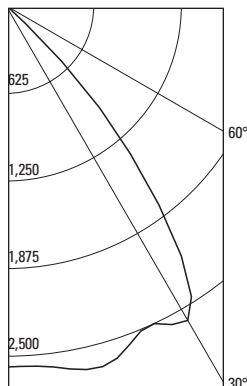
** EFFICIENCY = 63.7% **
SC = 1.2

CERTIFIED TEST REPORT NO. 2327FR, DATE: OCT 25, 2003
COMPUTED BY LSI PROGRAM **TEST-LITE**

1,125

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

CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	2579	
5	2582	248
10	2633	
15	2667	747
20	2575	
25	2503	1177
30	2594	
35	2181	1309
40	1382	
45	564	495
50	45	
55	8	14
60	2	
65	0	1
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	47753
55	792
65	11
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	2172	32.91	54.43
0-40	3481	52.75	87.24
0-60	3990	60.46	99.98
0-90	3990	60.47	100
40-90	509	7.72	12.76
60-90	0	0.01	0.02
90-180	0	0	0
0-180	3990	60.47	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	.71	.71	.67	.67	.65	.65	.61
1	.69	.67	.66	.65	.66	.64	.64	.62	.61	.60	.57
2	.66	.63	.61	.59	.62	.58	.60	.57	.58	.56	.54
3	.63	.59	.56	.54	.58	.53	.57	.53	.55	.52	.50
4	.60	.55	.52	.50	.55	.49	.53	.49	.52	.48	.47
5	.56	.52	.48	.45	.51	.45	.50	.45	.49	.44	.43
6	.54	.48	.45	.42	.48	.42	.47	.42	.46	.41	.40
7	.50	.45	.41	.39	.44	.38	.44	.38	.43	.38	.37
8	.48	.42	.38	.35	.41	.35	.41	.35	.40	.35	.34
9	.45	.39	.35	.32	.38	.32	.38	.32	.37	.32	.31
10	.42	.36	.32	.29	.35	.29	.35	.29	.34	.29	.28

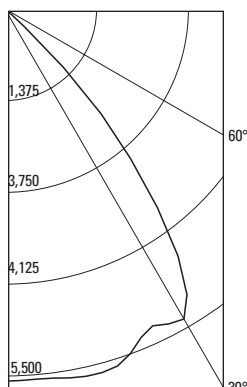
LUMINAIRE INPUT WATTS = 78

** EFFICIENCY = 60.5% **
SC = 1.2

CERTIFIED TEST REPORT NO. 2323FR, DATE: OCT 04, 2003
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150W T6 PHILIPS CMH LAMP, LUMEN RATING = 14000 LMS, AROMAT ELECTRONIC BALLAST, CL FINISH TRIM

CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	5583	
5	5573	533
10	5619	
15	5646	1588
20	5503	
25	5245	2472
30	5370	
35	4530	2727
40	2936	
45	1247	1071
50	102	
55	17	32
60	7	
65	1	2
70	0	0
75	0	0
80	0	0
85	0	0

LUMINANCE SUMMARY CD. / SQ. M.	
ANGLE	MEAN CD/SQ M
45	105687
55	1783
65	209
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	4593	32.81	54.51
0-40	7321	52.29	86.88
0-60	8424	60.17	99.97
0-90	8426	60.19	100
40-90	1105	7.9	13.12
60-90	2	0.02	0.03
90-180	0	0	0
0-180	8426	60.19	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	.64	.66	.63	.63	.61	.61	.59	.57
2	.65	.63	.61	.58	.62	.58	.60	.57	.58	.55	.53
3	.62	.58	.56	.53	.58	.53	.56	.52	.55	.51	.50
4	.59	.55	.52	.49	.54	.49	.53	.48	.52	.48	.46
5	.56	.51	.48	.45	.51	.45	.50	.45	.49	.44	.43
6	.53	.48	.44	.42	.47	.42	.47	.41	.46	.41	.40
7	.50	.45	.41	.38	.44	.38	.43	.38	.43	.38	.37
8	.47	.41	.38	.35	.41	.35	.40	.35	.40	.35	.34
9	.44	.38	.35	.32	.38	.32	.37	.32	.37	.32	.31
10	.42	.35	.32	.29	.35	.29	.35	.29	.34	.29	.28

LUMINAIRE INPUT WATTS = 167

** EFFICIENCY = 60.2% *
SC = 1.25

CERTIFIED TEST REPORT NO. 2330FR, DATE: OCT 07, 2003
COMPUTED BY LSI PROGRAM **TEST-LITE**

Job Information	Type:
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