

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

### Ordering Information

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
<b>C6T6VNCDDPEXP</b> Comfort Clear Diffuse, Polished Flange	<b>C6XRM</b>	<b>BKT6U39</b> <b>BKT6U70</b> <b>BKT6U15</b>	CDM-T G12 39W CDM-T G12 70W CDM-T G12 150W

### Features

- Upper Reflector:** Clear anodized aluminum, 0.040" (16-ga.). Provides narrow beam optics ideal for high ceilings. Also available in medium and wide beam, see C6T6VMEXP 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

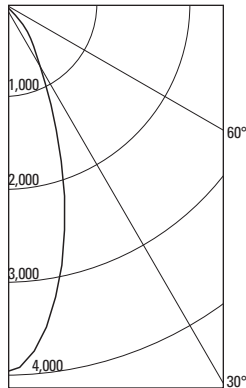
### Type:

**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 METAL HALIDE LAMP. LUMEN RATING = 3400 LMS. AROMAT ELECTRONIC BALLAST, CL Finish

#### CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	3984	
5	3765	352
10	3218	
15	2533	716
20	1816	
25	1212	583
30	795	
35	570	368
40	407	
45	189	155
50	14	
55	2	4
60	0	
65	0	0
70	0	
75	1	1
80	0	
85	0	0
90	0	

LUMINANCE SUMMARY	
ANGLE	MEAN CD/SQ M
45	16034
55	175
65	0
75	162
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1650	48.53	75.77
0-40	2017	59.35	92.67
0-60	2176	64.02	99.96
0-90	2177	64.05	100.00
40-90	159	4.70	7.33
60-90	0	.02	.04
90-180	0	.00	.00
0-180	2177	64.05	100.00

#### Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50		
WALL											
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%										
0	.76	.76	.76	.76	.74	.74	.71	.71	.68	.68	.64
1	.73	.72	.71	.70	.71	.68	.68	.66	.66	.64	.61
2	.71	.68	.66	.65	.67	.64	.65	.63	.63	.61	.59
3	.68	.65	.63	.61	.64	.60	.63	.59	.61	.58	.57
4	.66	.62	.59	.57	.61	.57	.60	.56	.59	.56	.54
5	.63	.59	.56	.54	.59	.54	.57	.53	.57	.53	.52
6	.61	.57	.54	.52	.56	.51	.55	.51	.55	.51	.50
7	.59	.54	.51	.49	.54	.49	.53	.49	.52	.48	.47
8	.57	.52	.49	.47	.51	.46	.51	.46	.50	.46	.45
9	.54	.49	.46	.44	.49	.44	.48	.44	.48	.44	.43
10	.52	.47	.44	.42	.47	.42	.46	.42	.46	.42	.41

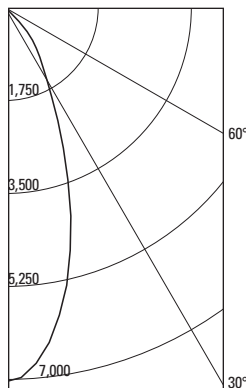
LUMINAIRE INPUT WATTS = 44

\*\* EFFICIENCY = 64.0% \*\*  
SC = 0.6

CERTIFIED TEST REPORT NO. 2336FR, DATE: OCT 24, 2003  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

### 70W T6 PHILIPS METAL HALIDE LAMP. LUMEN RATING = 6600 LMS. AROMAT ELECTRONIC BALLAST, CL Finish

#### CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	7054	
5	6730	630
10	5887	
15	4740	1334
20	3463	
25	2357	1129
30	1584	
35	1148	737
40	812	
45	377	310
50	33	
55	7	11
60	4	
65	2	2
70	0	
75	0	0
80	0	
85	0	0
90	0	

LUMINANCE SUMMARY	
ANGLE	MEAN CD/SQ M
45	31949
55	688
65	350
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3093	46.88	74.48
0-40	3830	58.04	92.22
0-60	4151	62.91	99.95
0-90	4153	62.94	100.00
40-90	323	4.89	7.78
60-90	2	.03	.05
90-180	0	.00	.00
0-180	4153	62.94	100.00

#### Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50		
WALL											
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%										
0	.75	.75	.75	.75	.73	.73	.70	.70	.67	.67	.63
1	.72	.71	.69	.68	.70	.67	.67	.65	.64	.63	.60
2	.69	.67	.65	.63	.66	.63	.64	.61	.62	.60	.58
3	.67	.64	.61	.59	.63	.59	.61	.58	.60	.57	.55
4	.64	.61	.58	.56	.60	.56	.59	.55	.58	.54	.53
5	.62	.58	.55	.53	.57	.52	.56	.52	.55	.52	.50
6	.60	.55	.52	.50	.55	.50	.54	.50	.53	.49	.48
7	.57	.53	.50	.48	.52	.47	.51	.47	.51	.47	.46
8	.55	.50	.47	.45	.50	.45	.49	.45	.49	.45	.44
9	.53	.48	.45	.43	.47	.43	.47	.42	.46	.42	.41
10	.51	.46	.43	.40	.45	.40	.45	.40	.44	.40	.39

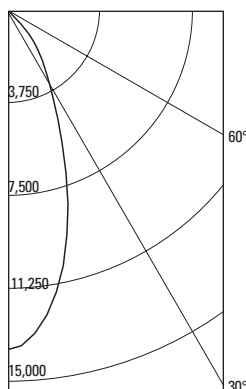
LUMINAIRE INPUT WATTS = 78

\*\* EFFICIENCY = 62.9% \*\*  
SC = 0.6

CERTIFIED TEST REPORT NO. 2334FR, DATE: OCT 14, 2003  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

### 150W T6 PHILIPS METAL HALIDE LAMP. LUMEN RATING = 14000 LMS. AROMAT ELECTRONIC BALLAST, CL Finish

#### CANDLEPOWER DISTRIBUTION



ANGLE	MEAN CP	LUMENS
0	13758	
5	13134	1232
10	11593	
15	9424	2655
20	7028	
25	4935	2359
30	3491	
35	2551	1627
40	1766	
45	816	671
50	70	
55	12	22
60	4	
65	7	5
70	3	
75	1	2
80	0	
85	0	0
90	0	

LUMINANCE SUMMARY	
ANGLE	MEAN CD/SQ M
45	69119
55	1223
65	1001
75	344
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	6246	44.62	72.86
0-40	7873	56.24	91.83
0-60	8566	61.19	99.92
0-90	8573	61.24	100.00
40-90	700	5.00	8.17
60-90	6	.05	.08
90-180	0	.00	.00
0-180	8573	61.24	100.00

#### Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50		
WALL											
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%										
0	.73	.73	.73	.73	.71	.71	.68	.68	.65	.65	.61
1	.70	.69	.67	.66	.68	.65	.65	.63	.63	.61	.59
2	.67	.65	.63	.61	.64	.61	.62	.59	.60	.58	.56
3	.65	.62	.59	.57	.61	.57	.59	.56	.58	.55	.54
4	.62	.59	.56	.54	.58	.54	.57	.53	.56	.53	.51
5	.60	.56	.53	.51	.55	.51	.54	.50	.53	.50	.49
6	.58	.53	.50	.48	.53	.48	.52	.48	.51	.47	.46
7	.55	.51	.48	.46	.50	.45	.50	.45	.49	.45	.44
8	.53	.48	.45	.43	.48	.43	.47	.43	.47	.43	.42
9	.51	.46	.43	.41	.46	.41	.45	.41	.45	.40	.40
10	.49	.44	.41	.39	.43	.39	.43	.38	.43	.38	.38

LUMINAIRE INPUT WATTS = 167

\*\* EFFICIENCY = 61.2% \*\*  
SC = 0.7

CERTIFIED TEST REPORT NO. 2333FR, DATE: OCT 13, 2003  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*

Job Information	Type:
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