

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

Ordering Information

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
C6P38MHCCDPEXP Comfort Clear Diffuse, Polished Flange	C6XRM Matte White	BKMHPU70	CDM-R PAR38 70W Max

Features

- Reflector Trim:** Clear anodized aluminum, 0.040" (16-ga.). Provides 45° visual cut-off to lamp and lamp image; self-flanged with polished flange to match trim finish.
- Gear Harness:** Electronic metal halide ballast with lamp socket and wiring harness. ORDER SEPARATELY. See separate specification sheet for details.
- 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.
- Retention Springs:** Rust resistant springs secure trim for quick, tool-less installation (quantity of 4).

Certifications and Ratings



Job Information

Type:

Job Name:

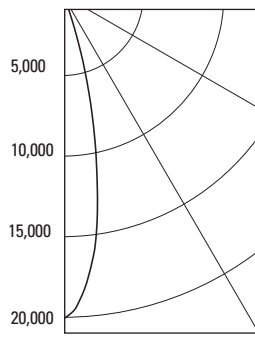
Cat. No.:

Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2008 Philips Group • A0608

70W PAR38 FLOOD MH PHILIPS 3K , LUMEN RATING = 4800 LMS, ELECTRONIC AROMAT BALLAST, CL FINISH TRIM



ANGLE	MEAN CP	LUMENS	LUMINANCE SUMMARY - CD. / SQ. M.
0	20134		ANGLE MEAN CD/SQ M.
5	17728	1622	45 479
10	12396		55 0
15	6288	1901	65 0
20	1851		75 0
25	460	337	85 0
30	140		
35	64	47	
40	29		
45	10	9	
50	0		
55	0	0	
60	0		
65	0	0	
70	0		
75	0	0	
80	0		
85	0	0	
90	0		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	3860	80.42	98.57
0-40	3906	81.39	99.76
0-60	3916	81.59	100
0-90	3916	81.59	100
40-90	9	0.19	0.24
60-90	0	0	0
90-180	0	0	0
0-180	3916	81.59	100

Coefficients of Utilization

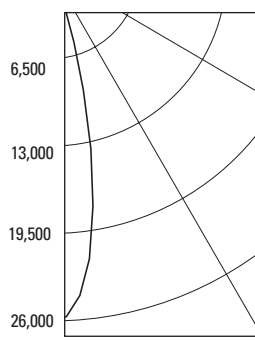
CEILING	80%				70%		50%		30%	
	70	50	30	10	50	10	50	10	50	10
WALL										
RCR										
0	.97	.97	.97	.97	.95	.95	.91	.91	.87	.87
1	.95	.93	.92	.91	.92	.89	.88	.87	.85	.84
2	.92	.90	.88	.86	.89	.86	.86	.84	.84	.82
3	.90	.88	.85	.84	.87	.83	.85	.82	.83	.81
4	.89	.86	.83	.81	.85	.81	.83	.80	.82	.79
5	.87	.84	.81	.79	.83	.79	.82	.78	.80	.78
6	.86	.82	.80	.78	.82	.78	.81	.77	.80	.77
7	.84	.80	.78	.76	.80	.76	.79	.76	.78	.75
8	.83	.79	.77	.75	.78	.75	.78	.75	.77	.74
9	.82	.78	.76	.74	.77	.74	.77	.73	.76	.73
10	.80	.76	.74	.72	.76	.72	.76	.72	.75	.72

LUMINAIRE INPUT WATTS = 78.0

** EFFICIENCY = 81.6% **
SC = .4

CERTIFIED TEST REPORT NO. 2453FR, DATE: FEB 12, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

100W PAR38 FLOOD MH PHILIPS 3K , LUMEN RATING = 6800 LMS, ELECTRONIC AROMAT BALLAST, CL FINISH TRIM



ANGLE	MEAN CP	LUMENS	LUMINANCE SUMMARY - CD. / SQ. M.
0	26152		ANGLE MEAN CD/SQ M.
5	24195	2202	45 221
10	17741		55 0
15	9134	2760	65 0
20	2934		75 0
25	793	544	85 0
30	182		
35	78	57	
40	29		
45	4	7	
50	0		
55	0	0	
60	0		
65	0	0	
70	0		
75	0	0	
80	0		
85	0	0	
90	0		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	5505	80.97	98.84
0-40	5563	81.82	99.87
0-60	5570	81.92	100
0-90	5570	81.92	100
40-90	7	0.11	0.13
60-90	0	0	0
90-180	0	0	0
0-180	5570	81.92	100

Coefficients of Utilization

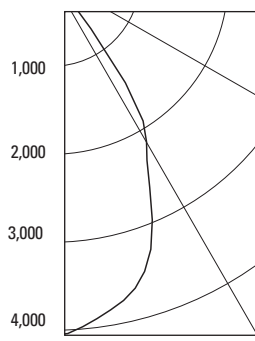
CEILING	80%				70%		50%		30%	
	70	50	30	10	50	10	50	10	50	10
WALL										
RCR										
0	.98	.98	.98	.98	.95	.95	.91	.91	.87	.87
1	.95	.94	.92	.91	.92	.90	.89	.87	.86	.84
2	.93	.90	.89	.87	.89	.86	.86	.84	.84	.81
3	.91	.88	.86	.84	.87	.83	.85	.82	.83	.81
4	.89	.86	.83	.82	.85	.81	.84	.80	.82	.79
5	.87	.84	.81	.79	.83	.79	.82	.78	.81	.78
6	.86	.82	.80	.78	.82	.78	.81	.77	.80	.77
7	.84	.81	.78	.76	.80	.76	.79	.76	.79	.75
8	.83	.79	.77	.75	.78	.75	.78	.75	.77	.74
9	.82	.78	.76	.74	.77	.74	.77	.74	.77	.73
10	.81	.77	.74	.72	.76	.72	.76	.72	.75	.72

LUMINAIRE INPUT WATTS = 110.0

** EFFICIENCY = 81.9% **
SC = .4

CERTIFIED TEST REPORT NO. 2455FR, DATE: FEB 13, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

70W PAR38 WIDE FLOOD MH PHILIPS 3K , LUMEN RATING = 4800 LMS, ELECTRONIC AROMAT BALLAST, CL FINISH TRIM



ANGLE	MEAN CP	LUMENS	LUMINANCE SUMMARY - CD. / SQ. M.
0	4063		ANGLE MEAN CD/SQ M.
5	3975	378	45 901
10	3826		55 0
15	3646	1020	65 0
20	3278		75 0
25	2623	1235	85 0
30	2144		
35	1451	831	
40	248		
45	18	55	
50	0		
55	0	0	
60	0		
65	0	0	
70	0		
75	0	0	
80	0		
85	0	0	
90	0		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	5505	80.97	98.84
0-40	2632	54.84	74.81
0-60	3463	72.16	98.43
0-90	3518	73.31	100
40-90	55	1.15	1.57
60-90	0	0	0
90-180	0	0	0
0-180	3518	73.31	100

Coefficients of Utilization

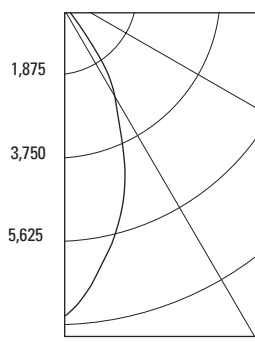
CEILING	80%				70%		50%		30%	
	70	50	30	10	50	10	50	10	50	10
WALL										
RCR										
0	.87	.87	.87	.87	.85	.85	.81	.81	.78	.78
1	.84	.82	.81	.79	.81	.78	.78	.76	.75	.74
2	.81	.78	.76	.74	.77	.73	.74	.71	.72	.70
3	.78	.74	.71	.69	.73	.69	.71	.67	.70	.66
4	.75	.71	.68	.65	.70	.65	.68	.64	.67	.63
5	.72	.67	.64	.61	.66	.61	.65	.60	.64	.60
6	.69	.64	.61	.58	.64	.58	.63	.58	.62	.57
7	.66	.61	.57	.55	.61	.55	.60	.55	.59	.54
8	.64	.58	.54	.52	.57	.52	.57	.52	.56	.51
9	.61	.55	.52	.49	.55	.49	.54	.49	.54	.48
10	.58	.52	.49	.46	.52	.46	.52	.46	.51	.46

LUMINAIRE INPUT WATTS = 78.0

** EFFICIENCY = 73.3% **
SC = .9

CERTIFIED TEST REPORT NO. 2454FR, DATE: FEB 12, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

100W PAR38 WIDE FLOOD MH PHILIPS 3K , LUMEN RATING = 6800 LMS, ELECTRONIC AROMAT BALLAST, - CL FINISH TRIM



ANGLE	MEAN CP	LUMENS	LUMINANCE SUMMARY - CD. / SQ. M.
0	7353		ANGLE MEAN CD/SQ M.
5	6975	657	45 1960
10	6231		55 178
15	5506	1553	65 0
20	4664		75 0
25	3597	1691	85 0
30	2759		
35	1759	1031	
40	288		
45	39	74	
50	14		
55	3	5	
60	1		
65	0	0	
70	0		
75	0	0	
80	0		
85	0	0	
90	0		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	3901	57.37	77.85
0-40	4932	72.53	98.43
0-60	5010	73.69	100
0-90	5010	73.69	100
40-90	78	1.16	1.57
60-90	0	0	0
90-180	0	0	0
0-180	5010	73.69	100

Coefficients of Utilization

CEILING	80%				70%		50%		30%	
	70	50	30	10	50	10	50	10	50	10
WALL										
RCR										
0	.88	.88	.88	.88	.86	.86	.82	.82	.78	.78
1	.85	.83	.81	.80	.82	.79	.78	.76	.76	.74
2	.81	.79	.77	.74	.77	.74	.75	.72	.73	.71
3	.79	.75	.72	.70	.74	.70	.72	.68	.71	.67
4	.76	.72	.69	.66	.71	.66	.69	.65	.68	.64
5	.73	.68	.65	.62	.68	.62	.66	.62	.65	.61
6	.71	.66	.62	.60	.65	.59	.64	.59	.63	.59
7	.68	.62	.59	.57	.62	.56	.61	.56	.60	.56
8	.65	.60	.56	.54	.59	.54	.59	.54	.58	.53
9	.63	.57	.53	.51	.57	.51	.56	.51	.55	.51
10	.60	.54	.51	.49	.54	.49	.54	.48	.53	.47

LUMINAIRE INPUT WATTS = 110.0

** EFFICIENCY = 73.7% **
SC = .8

CERTIFIED TEST REPORT NO. 2456FR, DATE: FEB 13, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

Job Information Type:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2008 Philips Group • A0608