

TRIM NOT SHOWN FOR CLARITY

Ceiling Cutout: 5 3/4" (146 mm) Dia.

Ordering Information

Reflector Trim	Installation Ring	Lamp Data
C4P20GDEXP Etched white interior and flange	C4XRМ Matte White	50W PAR20 Halogen E27 240V 75W PAR16 Halogen E27 240V

Features

- Glasslite:** One piece borosilicate glass with integral flange, etched interior and white ceramic coated exterior. Etched white cone finish emits a subtle glow. Hinged, and snaps onto lampholder assembly for easy tool-less installation. Suitable for spas, hot tubs and other wet environments.
- Lampholder Assembly:** Provides 360° horizontal rotation; lockable. Matte black finish.
- Socket Harness:** Medium base porcelain socket with nickel plated screw shell, No. 18 SF-1, (1.0 mm²) leads to terminal block for 3 No. 18 (1.0 mm²) supply leads (line, neutral and ground).
- Installation Ring:** Cast aluminum ring is painted matte white and has two -17 ga. stainless steel springs that engage in upright position during installation. One touch snap action secures ring in ceiling cutout. ORDER SEPARATELY. See separate Installation Ring specification sheet for more details.
- Trim Retention Springs:** Rust resistant springs secure reflector/housing for quick, toolless installation (quantity of 4).

Certifications and Ratings

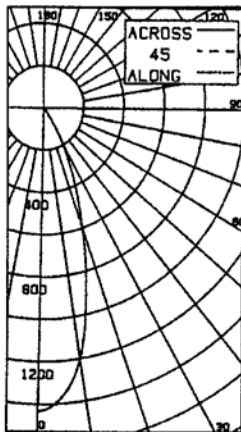


Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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CERTIFIED TEST REPORT NO. 1567FR
COMPUTED BY LSI PROGRAM **TEST-LITE**

CALCULITE 4 1/2" DIA. APERTURE PAR LAMP GLASS DOWNLIGHT
CAT. #C4P20GD, WHITE CERAMIC COATED
75W PAR16 SYLVANIA NFL LAMP. LUMEN RATING = 900 LMS.



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	1431	
5	1372	128
10	1201	
15	881	252
20	589	
25	369	175
30	190	
35	66	53
40	15	
45	11	9
50	9	
55	8	7
60	7	
65	5	5
70	4	
75	2	3
80	1	
85	0	0
90	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	555	61.71	87.79
0-40	608	67.58	96.13
0-60	624	69.38	98.89
0-90	632	70.30	100.00
40-90	24	2.72	3.87
60-90	8	.92	3.87
90-180	0	.00	1.31
0-180	632	70.30	100.00

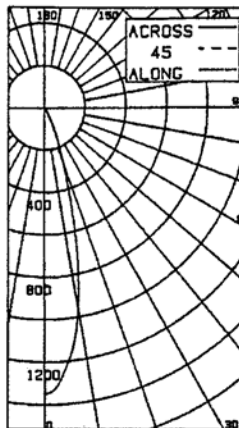
DATE: NOV. 23, 2001
PREPARED FOR
LIGHTOLIER, FALL RIVER, MA

** EFFICIENCY = 70.3% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

CERTIFIED TEST REPORT NO. 1568FR
COMPUTED BY LSI PROGRAM **TEST-LITE**

CALCULITE 4 1/2" DIA. APERTURE PAR LAMP GLASS DOWNLIGHT
CAT. #C4P20GD, WHITE CERAMIC COATED
50W PAR20 SYLVANIA NFL LAMP. LUMEN RATING = 530 LMS.



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	1347	
5	1228	114
10	963	
15	552	165
20	261	
25	111	60
30	40	
35	15	12
40	8	
45	4	4
50	4	
55	3	2
60	2	
65	1	1
70	0	
75	0	0
80	0	
85	0	0
90	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	339	63.99	94.55
0-40	351	66.28	97.33
0-60	357	67.48	99.70
0-90	358	67.68	100.00
40-90	7	1.40	2.07
60-90	1	.20	.30
90-180	0	.00	.00
0-180	358	67.68	100.00

DATE: NOV. 23, 2001
PREPARED FOR
LIGHTOLIER, FALL RIVER, MA

** EFFICIENCY = 67.7% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

		COEFFICIENTS OF UTILIZATION																																									
		% EFFECTIVE CEILING CAVITY REFLECTANCE																																									
		80			70			50			30			10			0																										
ROOM CAVITY RATIO	% WALL REFLECTANCE																																										
	50			30			10			50			30			10			50			30			10			0															
	1	.80	.78	.77	.78	.77	.76	.75	.74	.74	.73	.72	.71	.70	.70	.69	.68	.68	.68	.67	.67	.66	.66	.66	.65	.64	.64	.63	.62	.62	.61	.60	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53
	2	.76	.74	.72	.75	.73	.71	.72	.71	.70	.71	.69	.68	.69	.68	.67	.66	.66	.66	.65	.65	.64	.64	.64	.63	.62	.62	.61	.60	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53			
	3	.73	.70	.68	.72	.70	.68	.70	.68	.67	.69	.67	.66	.67	.66	.66	.65	.65	.64	.64	.64	.63	.63	.63	.62	.61	.61	.60	.59	.59	.58	.57	.57	.56	.55	.55	.54	.53	.53	.52	.51	.51	.50
	4	.70	.68	.66	.69	.67	.65	.68	.66	.64	.67	.65	.64	.66	.64	.63	.62	.62	.61	.61	.61	.60	.60	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47
	5	.68	.65	.63	.67	.64	.62	.66	.63	.62	.65	.63	.61	.64	.62	.61	.60	.60	.59	.59	.59	.58	.58	.58	.57	.56	.56	.55	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47			
	6	.65	.62	.61	.65	.62	.60	.64	.62	.60	.63	.61	.59	.62	.60	.59	.58	.58	.57	.57	.57	.56	.56	.56	.55	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47	.46	.46	.45			
	7	.63	.60	.58	.63	.60	.58	.62	.59	.58	.61	.59	.57	.60	.59	.57	.56	.56	.55	.55	.55	.54	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47	.46	.46	.45	.44	.44	.43			
	8	.61	.58	.56	.60	.58	.56	.60	.58	.56	.59	.57	.56	.58	.57	.56	.55	.55	.54	.54	.54	.53	.53	.53	.52	.51	.51	.50	.49	.49	.48	.47	.47	.46	.45	.45	.44	.43	.43	.42			
	9	.59	.56	.54	.59	.56	.54	.58	.56	.54	.58	.55	.54	.57	.55	.54	.53	.53	.52	.52	.52	.51	.51	.51	.50	.49	.49	.48	.47	.47	.46	.45	.45	.44	.43	.43	.42	.41	.41	.40			
10	.57	.54	.52	.57	.54	.52	.56	.54	.52	.56	.54	.52	.55	.53	.52	.51	.51	.50	.50	.50	.49	.49	.49	.48	.47	.47	.46	.45	.45	.44	.43	.43	.42	.41	.41	.40	.39	.39	.38				
		20% FLOOR CAVITY REFLECTANCE																																									

		COEFFICIENTS OF UTILIZATION																																						
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		80			70			50			30			10			0																							
ROOM CAVITY RATIO	% WALL REFLECTANCE																																							
	50			30			10			50			30			10			50			30			10			0												
	1	.77	.76	.75	.76	.75	.74	.73	.73	.72	.71	.70	.70	.69	.68	.68	.68	.68	.68	.67	.67	.66	.66	.66	.65	.64	.64	.63	.62	.62	.61	.60	.60	.59	.58	.58	.57	.56	.56	.55
	2	.74	.73	.71	.73	.72	.71	.71	.70	.69	.69	.68	.68	.68	.67	.66	.66	.66	.66	.65	.65	.64	.64	.64	.63	.62	.62	.61	.60	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53
	3	.72	.70	.68	.71	.69	.68	.70	.68	.67	.68	.67	.66	.67	.66	.66	.65	.65	.64	.64	.64	.63	.63	.63	.62	.61	.61	.60	.59	.59	.58	.57	.57	.56	.55	.55	.54	.53	.53	.52
	4	.70	.68	.66	.69	.67	.66	.68	.66	.64	.67	.65	.64	.66	.64	.63	.62	.62	.61	.61	.61	.60	.60	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53	.52	.52	.51	.50	.50	.49
	5	.68	.65	.64	.67	.65	.64	.66	.64	.63	.65	.63	.61	.64	.62	.61	.60	.60	.59	.59	.59	.58	.58	.58	.57	.56	.56	.55	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47
	6	.66	.64	.62	.66	.64	.62	.65	.63	.62	.64	.63	.61	.63	.62	.61	.60	.60	.59	.59	.59	.58	.58	.58	.57	.56	.56	.55	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47
	7	.64	.62	.61	.64	.62	.60	.63	.61	.60	.63	.61	.60	.62	.61	.60	.59	.59	.58	.58	.58	.57	.57	.57	.56	.55	.55	.54	.53	.53	.52	.51	.51	.50	.49	.49	.48	.47	.47	.46
	8	.63	.61	.59	.62	.60	.59	.62	.60	.59	.61	.60	.58	.60	.59	.58	.57	.57	.56	.56	.56	.55	.55	.55	.54	.53	.53	.52	.51	.51	.50	.49	.49	.48	.47	.47	.46	.45	.45	.44
	9	.62	.59	.58	.61	.59	.58	.61	.59	.57	.60	.58	.57	.59	.58	.57	.56	.56	.55	.55	.55	.54	.54	.54	.53	.52	.52	.51	.50	.50	.49	.48	.48	.47	.46	.46	.45	.44	.44	.43
10	.60	.58	.56	.60	.58	.56	.59	.58	.56	.59	.57	.56	.58	.57	.56	.55	.55	.54	.54	.54	.53	.53	.53	.52	.51	.51	.50	.49	.49	.48	.47	.47	.46	.45	.45	.44	.43	.43	.42	
		20% FLOOR CAVITY REFLECTANCE																																						

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