

REPORT NUMBER: ITL82630

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ISSUE DATE: 09/05/14

PREPARED FOR: STONE LIGHTING, LLC.

CATALOG NUMBER: CL530FRPCDOB24

LUMINAIRE: FORMED WHITE PAINTED METAL HOUSING, SPECULAR TEXTURED FOIL REFLECTOR, ONE WHITE CIRCUIT BOARD WITH 46 LEDS AND INTEGRAL DRIVER, EXTERIOR-FROSTED TRANSLUCENT WHITE GLASS DROP DIFFUSER, FORMED SPECULAR METAL LOWER TRIM RING.

LAMPS: FORTY-SIX WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL BASE-UP POSITION.

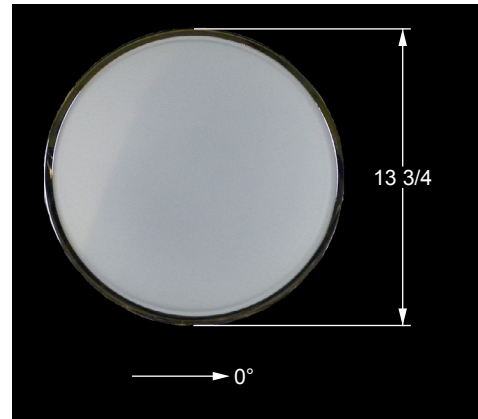
TOTAL INPUT WATTS = 23.7 AT 120.0 VOLTS

MOUNTING: SURFACE

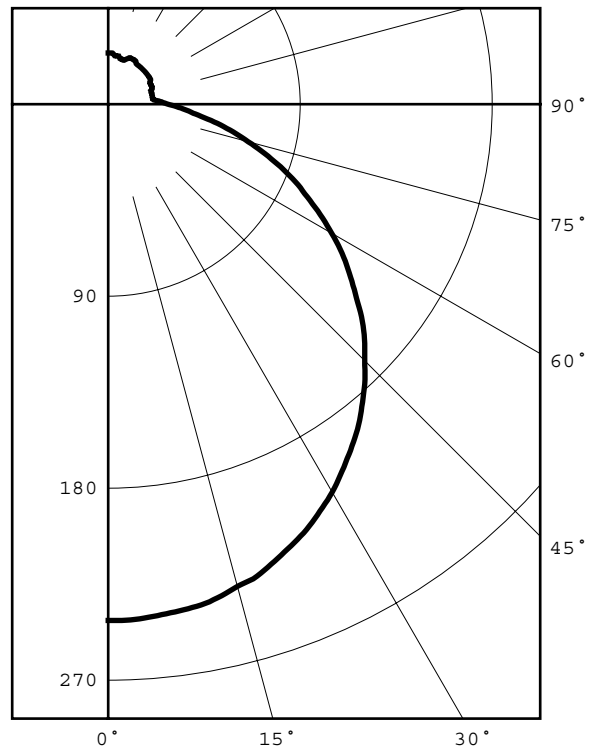
NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120VAC, 60Hz) TO THE CIRCUIT BOARD.

TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE = 20.0 FEET



DEG	CANDELA	LUMENS
0	242	
5	241	23
15	234	66
25	220	101
35	198	124
45	170	132
55	138	124
65	103	102
75	68	72
85	38	42
90	28	
95	22	25
105	21	22
115	22	22
125	23	21
135	23	18
145	23	15
155	24	11
165	22	6
175	24	2
180	24	



ZONAL ZONE	LUMEN LUMENS	SUMMARY %FIXT
0- 30	191	20.5
0- 40	315	33.9
0- 60	570	61.3
0- 90	787	84.7
90-120	70	7.5
90-130	90	9.7
90-150	123	13.2
90-180	142	15.3
0-180	929	100.0

EFFICACY = 39.2 lm/W

CIE TYPE - SEMI-DIRECT

LUMINAIRE SPACING CRITERION = 1.29

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CANDELA DISTRIBUTION

0.0	242
5.0	241
10.0	239
15.0	234
20.0	228
25.0	220
30.0	210
35.0	198
40.0	185
45.0	170
50.0	155
55.0	138
60.0	121
65.0	103
70.0	86
75.0	68
80.0	52
85.0	38
90.0	28
95.0	22
100.0	21
105.0	21
110.0	22
115.0	22
120.0	23
125.0	23
130.0	23
135.0	23
140.0	23
145.0	23
150.0	24
155.0	24
160.0	22
165.0	22
170.0	23
175.0	24
180.0	24

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5-DEGREE  
 ZONAL LUMEN SUMMARY

0- 5	6
5- 10	17
10- 15	28
15- 20	38
20- 25	47
25- 30	54
30- 35	60
35- 40	64
40- 45	66
45- 50	66
50- 55	64
55- 60	60
60- 65	54
65- 70	48
70- 75	40
75- 80	32
80- 85	24
85- 90	18
90- 95	14
95-100	12
100-105	11
105-110	11
110-115	11
115-120	11
120-125	11
125-130	10
130-135	9
135-140	9
140-145	8
145-150	7
150-155	6
155-160	5
160-165	4
165-170	3
170-175	2
175-180	1

10-DEGREE  
 ZONAL LUMEN SUMMARY

0- 10	23
0- 20	89
0- 30	191
0- 40	315
0- 50	446
0- 60	570
0- 70	672
0- 80	744
0- 90	787
0-100	812
0-110	834
0-120	856
0-130	877
0-140	895
0-150	909
0-160	920
0-170	926
0-180	929

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC RW	80				70				50			30			10			0			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
0	115	115	115	115	111	111	111	111	111	111	111	103	103	103	95	95	95	88	88	88	85
1	104	98	94	89	99	95	90	86	88	84	81	81	78	76	81	78	76	75	73	71	68
2	94	85	78	72	90	82	75	70	76	70	66	70	66	62	70	66	62	65	61	58	55
3	85	74	66	59	81	71	64	57	66	60	54	61	56	51	61	56	51	57	53	49	46
4	78	65	56	49	74	63	55	48	59	51	46	54	48	44	54	48	44	51	46	41	39
5	71	58	49	42	68	56	48	41	52	45	39	49	42	38	49	42	38	45	40	36	33
6	66	52	43	37	63	50	42	36	47	40	34	44	38	33	44	38	33	41	36	31	29
7	61	47	38	32	58	46	37	31	43	35	30	40	34	29	40	34	29	37	32	28	25
8	57	43	34	28	54	42	34	28	39	32	27	37	30	26	37	30	26	34	29	25	23
9	53	39	31	25	50	38	30	25	36	29	24	34	28	23	34	28	23	32	26	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	31	25	21	29	24	20	18

ALL CANDELA, LUMENS, LUMINANCE, AND VCP VALUES IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS TEST SAMPLE.

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FLOSSMOOR, IL 60422

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