

REPORT NUMBER: ITL91851-GONIOPHOTOMETRY

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ISSUE DATE: 06/04/19

PREPARED FOR: LITELAB CORPORATION

CATALOG NUMBER: A73-L1800-A-9230-P33

DEG	CANDELA	LUMENS
0	3884	
5	3582	323
15	2216	592
25	567	276
35	75	56
45	14	12
55	3	3
65	1	1
75	0	0
85	0	0
90	0	

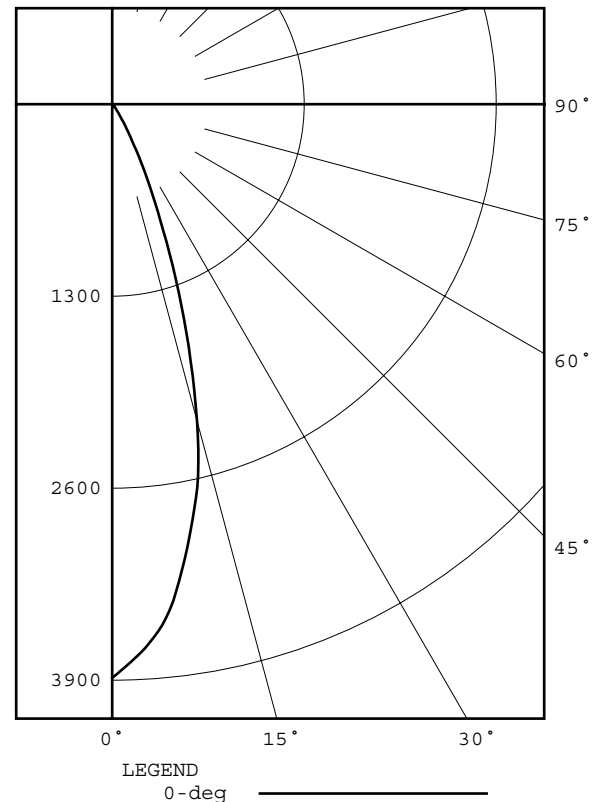
ZONAL LUMEN SUMMARY

ZONE	LUMENS	%FIXT
0- 30	1191	94.4
0- 40	1247	98.8
0- 60	1262	100.0
0- 90	1263	100.0
90-180	0	0.0
0-180	1263	100.0

EFFICACY = 54.4 lm/W
 CIE TYPE - DIRECT
 SPACING CRITERION: 0.53
 BEAM ANGLE (50%) : 32.8 DEGREES
 FIELD ANGLE (10%) : 54.1 DEGREES
 LUMINOUS DIAMETER: 2.875

LUMINANCE DATA IN CANDELA/SQ M
ANGLE AVERAGE
IN DEG

45	4727.
55	1249.
65	565.
75	0.
85	0.





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CANDELA DISTRIBUTION

0.0	3884
2.5	3746
5.0	3582
7.5	3326
10.0	2991
12.5	2660
15.0	2216
17.5	1721
20.0	1256
22.5	856
25.0	567
27.5	351
30.0	209
32.5	126
35.0	75
37.5	48
40.0	30
42.5	20
45.0	14
47.5	10
50.0	7
52.5	5
55.0	3
57.5	1
60.0	1
62.5	1
65.0	1
67.5	0
70.0	0
72.5	0
75.0	0
77.5	0
80.0	0
82.5	0
85.0	0
87.5	0
90.0	0



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5-DEGREE ZONAL LUMEN SUMMARY		
0- 5		89
5- 10		235
10- 15		310
15- 20		282
20- 25		183
25- 30		93
30- 35		39
35- 40		17
40- 45		8
45- 50		4
50- 55		2
55- 60		1
60- 65		0
65- 70		0
70- 75		0
75- 80		0
80- 85		0
85- 90		0

10-DEGREE ZONAL LUMEN SUMMARY		
0- 10		323
0- 20		915
0- 30		1191
0- 40		1247
0- 50		1259
0- 60		1262
0- 70		1263
0- 80		1263
0- 90		1263



INDEPENDENT TESTING LABORATORIES, INC.
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	102	102	102	100
1	115	113	110	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	94	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	90	89
4	103	97	93	90	101	96	92	89	94	91	88	92	90	87	91	88	86	86	85
5	100	93	89	86	98	92	88	85	91	87	84	89	86	84	88	85	83	83	82
6	96	90	85	82	95	89	85	82	87	84	81	86	83	80	85	82	80	80	79
7	93	86	82	78	92	86	81	78	84	81	78	83	80	77	82	79	77	77	76
8	90	83	79	75	89	83	78	75	82	78	75	81	77	75	80	77	74	74	73
9	87	80	76	73	86	80	75	73	79	75	72	78	75	72	77	74	72	72	71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	70	69

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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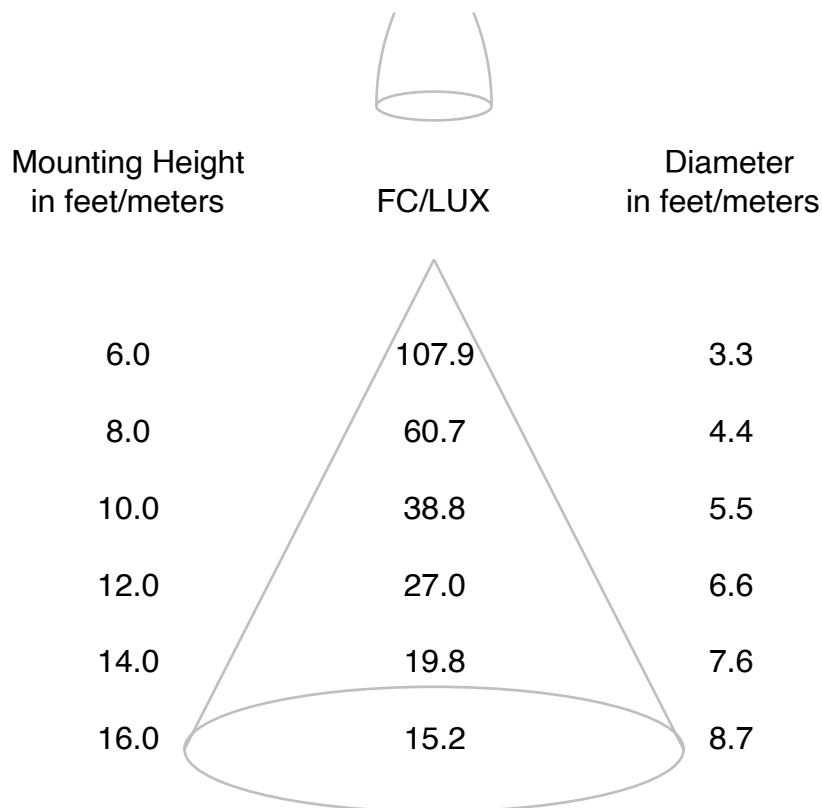
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CONE OF LIGHT DIAGRAM

(diameter shown is where fc/lux value is half the fc/lux at nadir)



If distances are feet, results are footcandles.
If distances are meters, results are lux.