

REPORT NUMBER: ITL94754-GONIOPHOTOMETRY

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ISSUE DATE: 05/28/21

PREPARED FOR: LITELAB CORPORATION

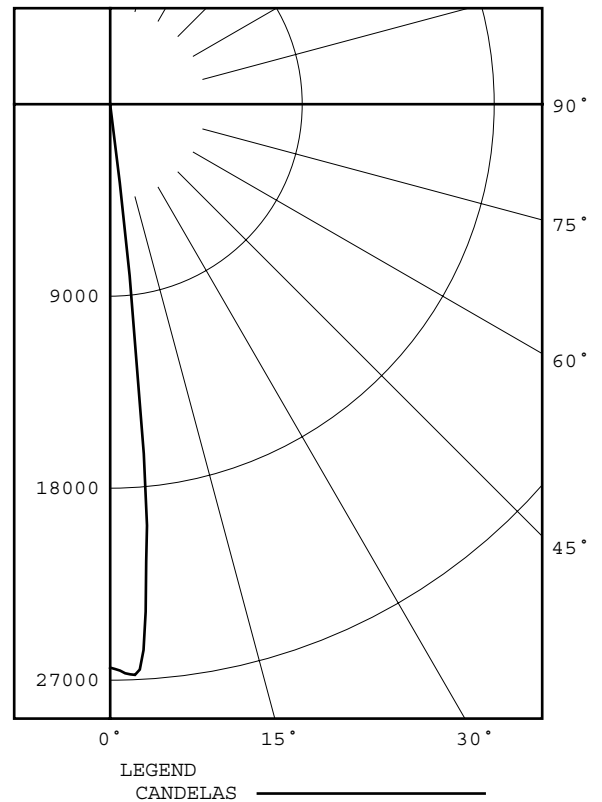
CATALOG NUMBER: C74L1800-9TC-DY-A-9230-P-11

DEG	CANDELA	LUMENS
0	26416	
5	19828	864
15	34	9
25	7	3
35	3	2
45	2	1
55	1	1
65	0	0
75	0	0
85	0	0
90	0	

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXT
0- 30	877	99.5
0- 40	879	99.7
0- 60	881	100.0
0- 90	881	100.0
90-180	0	0.0
0-180	881	100.0

EFFICACY = 36.1 lm/W
 CIE TYPE - DIRECT
 SPACING CRITERION: 0.17
 BEAM ANGLE (50%) : 11.5 DEGREES
 FIELD ANGLE (10%) : 14.3 DEGREES
 LUMINOUS DIAMETER: 2.125

LUMINANCE DATA IN CANDELA/SQ M	
ANGLE	AVERAGE
IN DEG	
45	1236.
55	762.
65	0.
75	0.
85	0.





INDEPENDENT TESTING LABORATORIES, INC.
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PHONE: (303) 442-1255 • FAX: (970) 535-3114 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com

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CANDELA DISTRIBUTION

Table with 3 columns: Wavelength (nm), Intensity (cd), and another column with values 0. Values range from 0.0 to 80.0 nm.



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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	585
5- 10	278
10- 15	6
15- 20	4
20- 25	2
25- 30	2
30- 35	1
35- 40	1
40- 45	1
45- 50	1
50- 55	0
55- 60	0
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	864
0- 20	873
0- 30	877
0- 40	879
0- 50	880
0- 60	881
0- 70	881
0- 80	881
0- 90	881



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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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	117	115	114	113	114	113	112	111	109	108	108	106	105	104	102	102	101	100
2	115	112	110	109	113	111	109	107	108	106	105	105	104	103	102	102	101	100
3	113	110	108	106	111	109	107	105	106	105	104	104	103	102	102	101	101	100
4	112	108	106	104	110	107	105	104	106	104	102	104	103	101	102	101	100	99
5	110	107	105	103	109	106	104	102	105	103	102	104	102	101	102	101	100	99
6	109	106	104	102	108	105	103	102	104	102	101	103	102	101	102	101	100	99
7	108	105	103	101	108	105	103	101	104	102	101	103	101	100	102	101	100	99
8	108	104	102	101	107	104	102	101	103	102	100	103	101	100	102	101	100	99
9	107	104	102	100	107	104	102	100	103	101	100	102	101	100	102	101	100	99
10	107	103	101	100	106	103	101	100	103	101	100	102	101	100	102	100	99	99

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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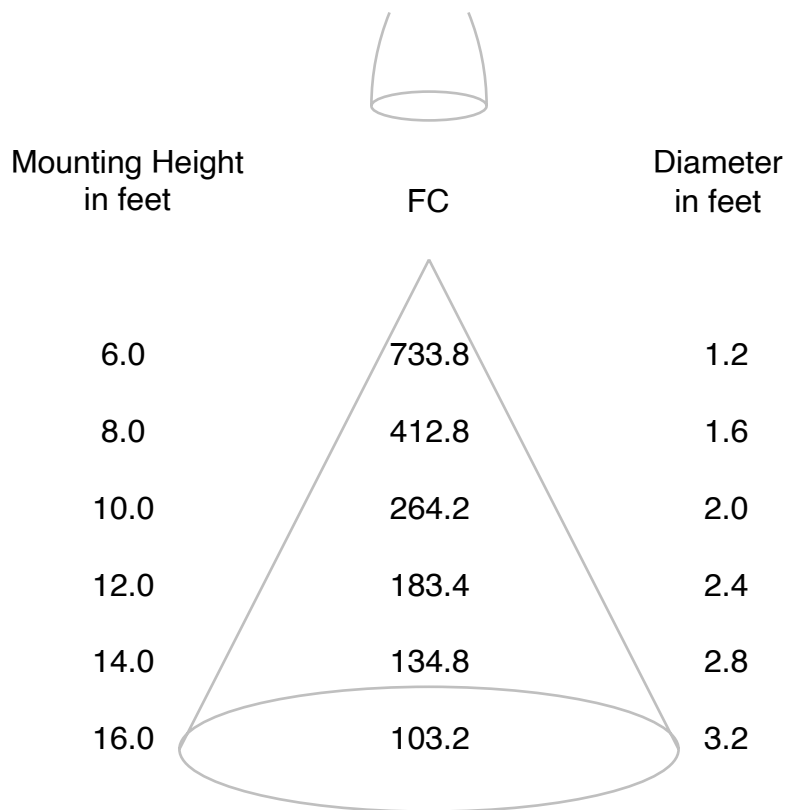
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CONE OF LIGHT DIAGRAM

(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.