



8165 E. Kaiser Blvd. Anaheim, CA 92808
 p. 714.282.2270
 f. 714.676.5558

Photometric Test Report

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601211.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L101601211
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 10/18/2016
 [MANUFAC] BARTCO LIGHTING
 [LUMCAT] BSS420-FT50358F1SNMW
 [LUMINAIRE] RECESSED LINEAR LED LUMINAIRE WITH 2" APERTURE
 [BALLASTCAT] PHILIPS ADVANCE XI040C110V054BST1
 [LAMPPOSITION] 0,0
 [LAMPCAT] N/A
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 35.71W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3117
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	35.71
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.16
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.15 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16491	14874	13451
55	14377	12703	11268
65	12696	11073	9702
75	10954	9305	8127
85	10319	7520	6996

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601211.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1447	1447	1447	1447	1447
5	1432	1433	1434	1431	1434
10	1402	1400	1396	1388	1388
15	1352	1346	1334	1319	1314
20	1284	1275	1253	1228	1219
25	1199	1186	1154	1119	1106
30	1101	1084	1043	1000	984
35	993	975	926	878	859
40	880	860	807	757	738
45	765	744	690	642	624
50	650	631	580	535	519
55	541	523	478	437	424
60	444	429	389	355	343
65	352	340	307	279	269
70	265	254	225	207	200
75	186	175	158	143	138
80	118	110	96	87	85
85	59	51	43	41	40
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601211.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	510.41	N.A.	16.40
0-30	1040.44	N.A.	33.40
0-40	1619.72	N.A.	52.00
0-60	2587.88	N.A.	83.00
0-80	3065.43	N.A.	98.30
0-90	3117.39	N.A.	100.00
10-90	2981.82	N.A.	95.70
20-40	1109.31	N.A.	35.60
20-50	1644.89	N.A.	52.80
40-70	1274.93	N.A.	40.90
60-80	477.55	N.A.	15.30
70-80	170.78	N.A.	5.50
80-90	51.96	N.A.	1.70
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3117.39	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	135.58
10-20	374.84
20-30	530.02
30-40	579.28
40-50	535.58
50-60	432.58
60-70	306.77
70-80	170.78
80-90	51.96
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

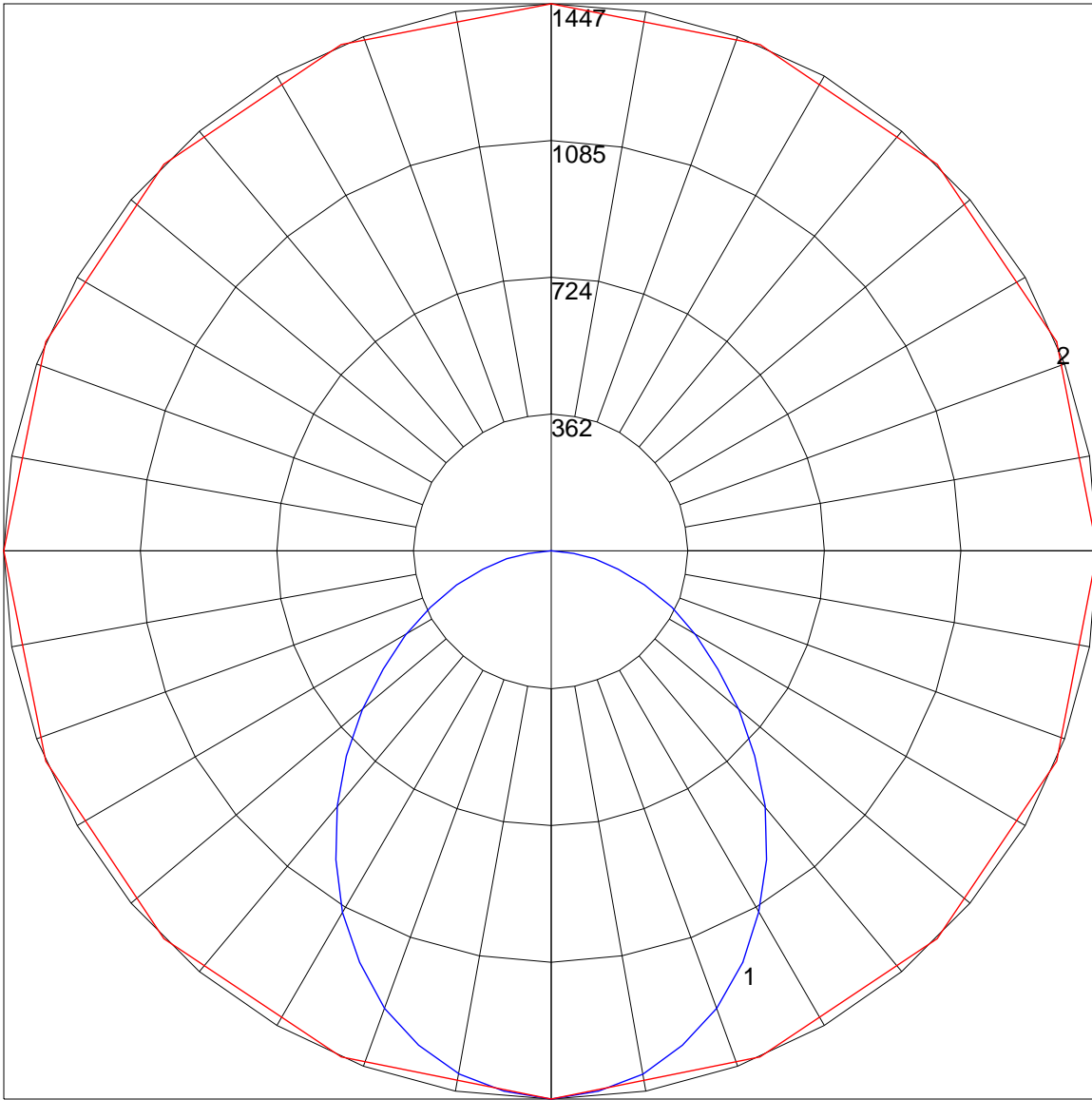
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601211.IES

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	106	106	106	102	102	102	100
1	110	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	81	74	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	49	47
6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	41	66	54	46	40	52	45	40	51	45	40	50	44	40	38
8	63	50	42	36	62	50	42	36	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	54	42	35	30	41	35	30	41	34	30	40	34	30	28

POLAR GRAPH



Maximum Candela = 1447 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)