LIGHT LABORATORY INC.
8165 E. Kaiser Blvd. Anaheim, CA 92808
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Photometric Test Report

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601212.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L101601212
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 10/18/2016
[MANUFAC] BARTCO LIGHTING
[LUMCAT] BSS420-FT50358F2SNMW
[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, 35.78W
[TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3310
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	35.78
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.14
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.15 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.08 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12985	10343	9587
55	11044	8783	8233
65	9525	7657	7199
75	7966	6602	6197
85	7166	5784	5401

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	1225	1225	1225	1225	1225
5	1212	1215	1220	1220	1222
10	1183	1189	1193	1190	1190
15	1137	1144	1143	1134	1132
20	1074	1081	1075	1062	1058
25	997	1005	994	979	974
30	909	919	908	893	888
35	813	826	818	808	805
40	714	732	731	727	727
45	614	638	646	651	654
50	518	548	567	579	584
55	427	464	494	512	518
60	350	392	432	453	459
65	275	323	370	395	401
70	265	258	314	338	343
75	145	190	257	286	290
80	93	150	208	236	241
85	50	106	164	191	197
90	37	95	116	146	154
95	68	74	84	111	120
100	77	68	74	64	75
105	61	66	45	34	23
110	46	47	33	22	9
115	37	32	24	19	9
120	30	26	21	16	9
125	24	21	18	10	9
130	17	17	16	12	9
135	8	12	11	9	9
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	435.58	N.A.	13.20
0-30	891.71	N.A.	26.90
0-40	1402.39	N.A.	42.40
0-60	2336.27	N.A.	70.60
0-80	2948.17	N.A.	89.10
0-90	3110.56	N.A.	94.00
10-90	2995.22	N.A.	90.50
20-40	966.81	N.A.	29.20
20-50	1463.64	N.A.	44.20
40-70	1289.85	N.A.	39.00
60-80	611.90	N.A.	18.50
70-80	255.93	N.A.	7.70
80-90	162.39	N.A.	4.90
90-110	151.69	N.A.	4.60
90-120	177.06	N.A.	5.30
90-130	192.33	N.A.	5.80
90-150	199.18	N.A.	6.00
90-180	199.18	N.A.	6.00
110-180	47.49	N.A.	1.40
0-180	3309.74	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	115.33
10-20	320.25
20-30	456.13
30-40	510.68
40-50	496.83
50-60	437.04
60-70	355.98
70-80	255.93
80-90	162.39
90-100	99.64
100-110	52.05
110-120	25.37
120-130	15.27
130-140	6.85
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	106	101	96	92	103	98	94	90	93	89	86	88	85	82	83	81	79	76
2	96	88	81	75	93	85	79	73	81	75	71	77	72	68	73	69	66	63
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53
4	81	68	60	53	78	67	58	52	63	56	51	60	54	49	58	52	48	46
5	74	61	52	46	72	60	51	45	57	50	44	54	48	43	52	46	42	40
6	69	55	46	40	66	54	46	40	52	44	39	49	43	38	47	42	37	35
7	64	50	42	36	62	49	41	35	47	40	35	45	39	34	43	38	33	31
8	60	46	38	32	58	45	37	32	43	36	31	42	35	30	40	34	30	28
9	56	42	34	29	54	42	34	29	40	33	28	38	32	28	37	31	27	25
10	52	39	31	26	51	38	31	26	37	30	26	36	30	25	35	29	25	23

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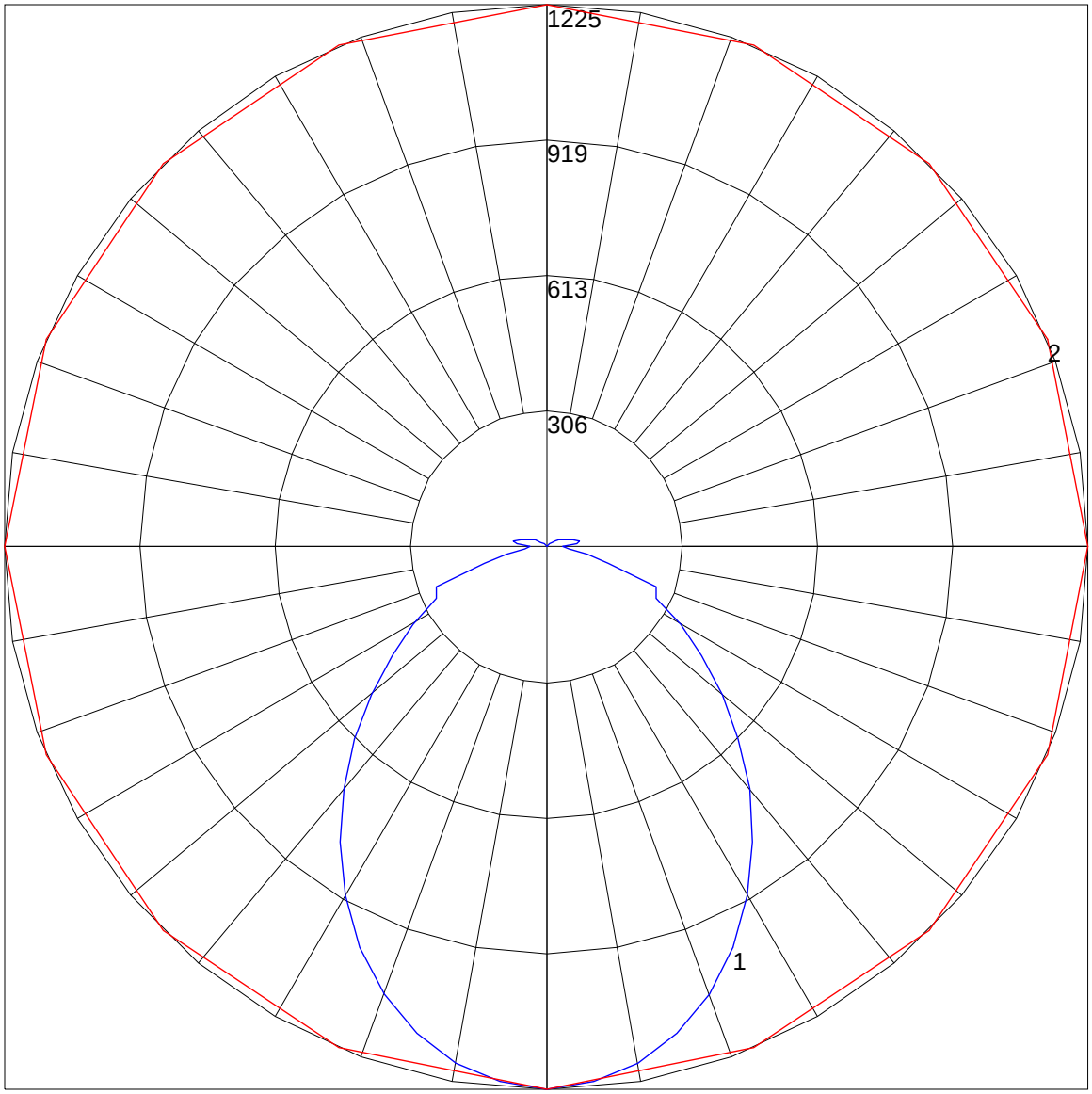
POLAR GRAPH



Maximum Candela = 1225 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.)