



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

Photometric Test Report

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101505202R01.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L101505202R01
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 12/8/2015
 [MANUFAC] BARTCO LIGHTING
 [LUMCAT] BSS225
 [LUMINAIRE] 2"L. X 45"W. X 2"H. LED LINEAR PENDANT
 [BALLASTCAT] PHILIPS ADVANCE XI040C110V054BPT1
 [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, 31.75W
 [_TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2932
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	31.75
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.10
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.15 ft
Luminous Width (90-270)	3.71 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16862	17927	19103
55	14824	15936	17182
65	13077	14129	15363
75	11647	12543	13663
85	10199	11086	12638

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101505202R01.IES

CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261
5	1250	1250	1250	1250	1250	1250	1250	1250	1251	1251
10	1215	1215	1216	1216	1217	1218	1218	1219	1220	1221
15	1161	1161	1162	1163	1164	1165	1167	1169	1171	1173
20	1089	1090	1090	1092	1094	1096	1099	1102	1105	1109
25	1004	1004	1006	1008	1010	1014	1018	1022	1026	1031
30	910	910	912	914	918	922	927	932	938	943
35	812	812	814	817	820	825	830	837	843	849
40	713	714	715	718	722	727	732	739	746	753
45	617	617	619	622	626	631	636	643	649	656
50	525	526	528	530	534	538	544	549	556	562
55	440	440	442	444	447	451	456	461	467	473
60	360	360	362	364	366	370	374	378	383	388
65	286	287	288	289	291	294	297	301	305	309
70	219	219	220	221	222	224	227	229	232	235
75	156	157	157	158	159	160	162	164	166	168
80	99	99	99	100	101	101	102	104	105	106
85	46	46	46	46	47	47	48	49	49	50
90	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>
0	1261	1261	1261	1261	1261	1261	1261	1261	1261
5	1251	1252	1252	1252	1252	1252	1253	1253	1253
10	1222	1223	1224	1225	1226	1226	1227	1227	1227
15	1175	1177	1179	1181	1183	1184	1185	1185	1186
20	1112	1115	1118	1121	1124	1126	1127	1128	1129
25	1036	1040	1044	1048	1052	1055	1057	1058	1058
30	949	955	960	965	969	973	976	977	978
35	856	863	869	874	879	883	886	888	889
40	760	767	773	779	784	788	792	794	795
45	664	670	677	683	688	692	696	698	699
50	569	576	582	588	593	597	600	602	603
55	479	485	491	496	501	504	507	509	510
60	393	398	403	408	412	415	418	419	420
65	313	317	321	325	329	331	334	335	336
70	239	242	245	248	251	253	255	256	256
75	170	172	175	177	179	180	182	183	183
80	108	109	111	112	113	115	116	116	117
85	51	52	53	54	55	55	56	57	57
90	0	0	0	0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101505202R01.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	448.57	N.A.	15.30
0-30	922.89	N.A.	31.50
0-40	1454.4	N.A.	49.60
0-60	2386.94	N.A.	81.40
0-80	2874.83	N.A.	98.10
0-90	2931.55	N.A.	100.00
10-90	2813.07	N.A.	96.00
20-40	1005.84	N.A.	34.30
20-50	1513.48	N.A.	51.60
40-70	1240.73	N.A.	42.30
60-80	487.89	N.A.	16.60
70-80	179.70	N.A.	6.10
80-90	56.71	N.A.	1.90
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	2931.55	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.47
10-20	330.09
20-30	474.32
30-40	531.51
40-50	507.65
50-60	424.89
60-70	308.19
70-80	179.70
80-90	56.71
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

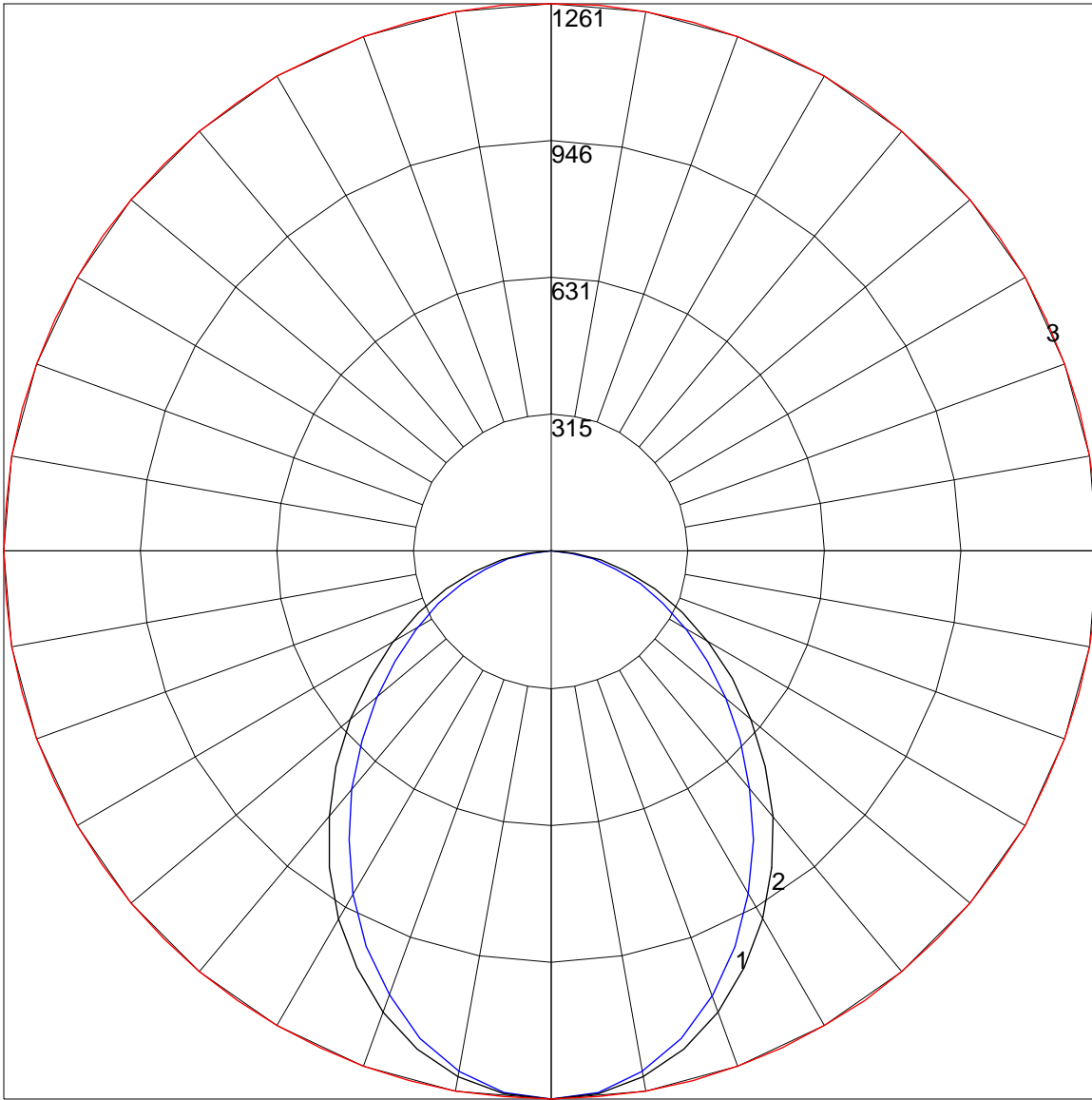
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101505202R01.IES

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	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	73	71
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	55	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36
8	62	49	41	35	61	48	41	35	47	40	35	46	39	35	45	39	34	33
9	58	45	37	32	57	45	37	32	43	36	32	42	36	31	41	36	31	29
10	55	42	34	29	53	41	34	29	40	34	29	39	33	29	39	33	29	27

POLAR GRAPH



Maximum Candela = 1261 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)