



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

# Photometric Test Report

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L101601201.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L101601201  
 [TESTLAB] LIGHT LABORATORY, INC.  
 [ISSUEDATE] 10/20/2016  
 [MANUFAC] BARTCO LIGHTING  
 [LUMCAT] ADL200-4-35-7-F-WH  
 [LUMINAIRE] LED COVE FIXTURE  
 [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, 31.86W  
 [TEST PROCEDURE] IESNA:LM-79-08

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2580
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	31.86
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.08 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	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0</b>	0	0	0	0	0
<b>5</b>	0	0	0	0	0
<b>10</b>	0	0	0	0	0
<b>15</b>	0	0	0	0	0
<b>20</b>	0	0	0	0	0
<b>25</b>	0	0	0	0	0
<b>30</b>	0	0	0	0	0
<b>35</b>	0	0	0	0	0
<b>40</b>	0	0	0	0	0
<b>45</b>	0	0	0	0	0
<b>50</b>	0	0	0	0	0
<b>55</b>	0	0	0	0	0
<b>60</b>	0	0	0	0	0
<b>65</b>	0	0	0	0	0
<b>70</b>	0	0	0	0	0
<b>75</b>	0	0	0	0	0
<b>80</b>	0	0	0	0	0
<b>85</b>	0	0	0	0	0
<b>90</b>	0	0	0	0	0
<b>95</b>	24	25	28	36	38
<b>100</b>	62	64	73	91	88
<b>105</b>	104	113	128	145	147
<b>110</b>	157	171	193	210	216
<b>115</b>	217	229	253	280	292
<b>120</b>	275	290	316	352	367
<b>125</b>	341	361	399	446	460
<b>130</b>	420	441	489	537	552
<b>135</b>	511	533	580	629	647
<b>140</b>	614	633	678	723	740
<b>145</b>	717	736	779	818	831
<b>150</b>	823	836	873	904	915
<b>155</b>	925	933	959	982	993
<b>160</b>	1012	1017	1036	1050	1057
<b>165</b>	1083	1086	1097	1104	1107
<b>170</b>	1136	1135	1142	1143	1144
<b>175</b>	1170	1167	1169	1168	1168
<b>180</b>	1177	1177	1177	1177	1177

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.00	N.A.	0.00
10-90	0.00	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	174.55	N.A.	6.80
90-120	426.55	N.A.	16.50
90-130	786.78	N.A.	30.50
90-150	1720.86	N.A.	66.70
90-180	2580.03	N.A.	100.00
110-180	2405.48	N.A.	93.20
0-180	2580.03	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	36.95
100-110	137.60
110-120	252.00
120-130	360.23
130-140	448.84
140-150	485.24
150-160	440.42
160-170	308.14
170-180	110.61

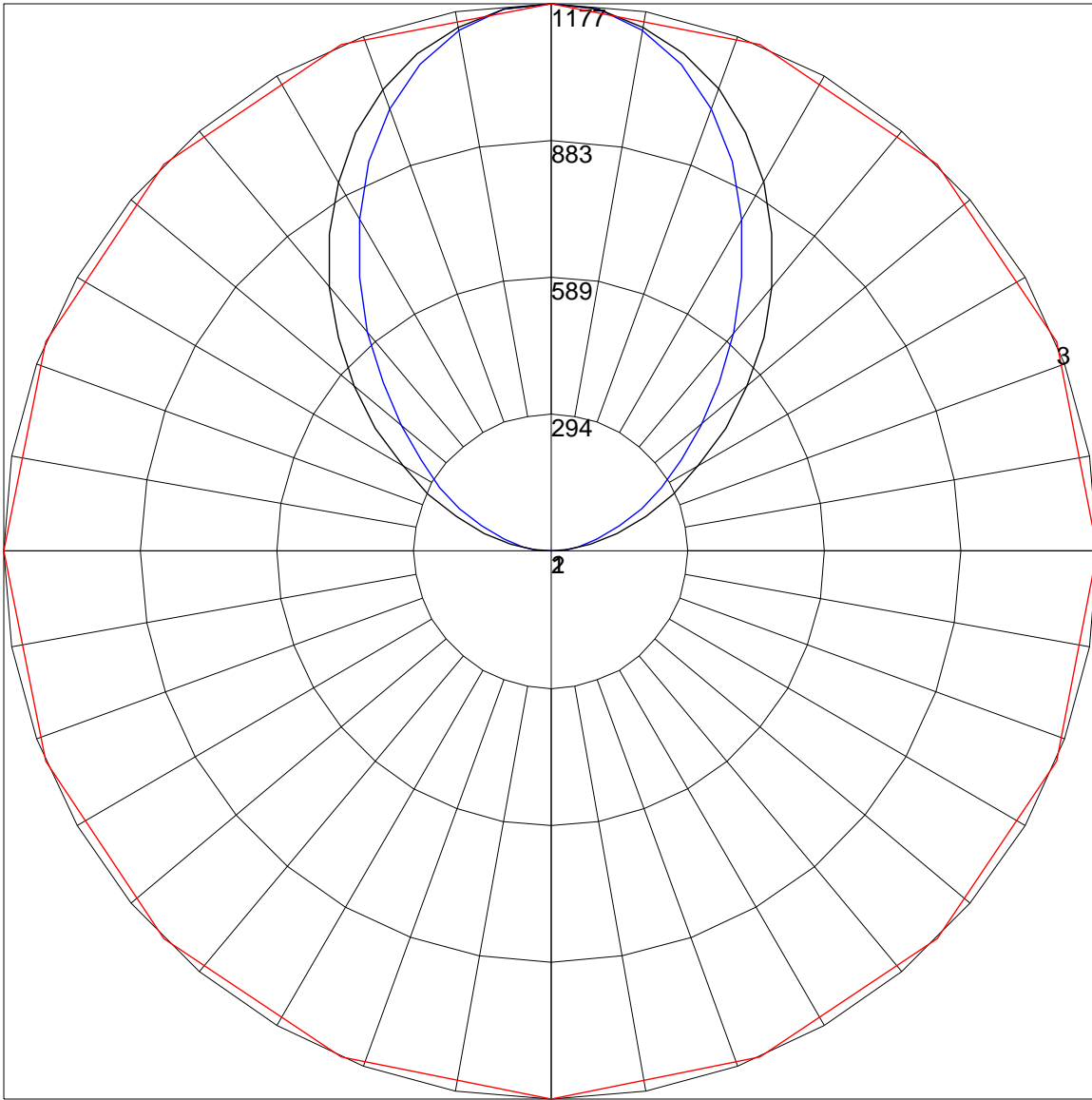
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	
0	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 1177 Located At Horizontal Angle = 0, Vertical Angle = 180

# 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 (180) (Through Max. Cd.)