



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

Photometric Test Report

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601210.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L101601210
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 10/18/2016
 [MANUFAC] BARTCO LIGHTING
 [LUMCAT] BIW-LI-SN-A-4301DM10
 [LUMINAIRE] LED INWALL ALUMINUM FIXTURE
 [BALLASTCAT] ACE LEDS AC-A60VD24H2.5 LED DRIVER
 [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, 28.18W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1078
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	38
Total Luminaire Watts	28.18
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 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	5509	5468	5445
55	5292	5234	5207
65	5128	5067	5057
75	4816	4775	4799
85	4567	4651	4758

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601210.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	375.63	375.63	375.63	375.63	375.63
5	372.93	373.19	374.07	373.88	374.65
10	367.77	367.96	368.88	368.64	369.44
15	359.11	359.23	360.23	359.93	360.40
20	347.13	347.25	348.00	347.69	348.03
25	331.85	332.02	332.42	332.15	331.93
30	314.07	314.14	314.12	313.40	313.45
35	293.64	293.65	293.26	292.47	292.10
40	270.94	270.83	269.87	269.02	268.77
45	246.30	245.90	244.49	243.46	243.48
50	219.75	219.01	217.43	216.59	216.49
55	191.95	191.27	189.84	188.70	188.86
60	165.43	164.68	163.52	162.58	162.83
65	137.04	136.14	135.40	134.92	135.14
70	107.62	106.63	106.56	106.51	106.56
75	78.82	77.85	78.15	78.55	78.54
80	51.26	50.62	51.02	51.35	51.61
85	25.17	25.02	25.63	26.17	26.22
90	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601210.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	137.01	N.A.	12.70
0-30	290.06	N.A.	26.90
0-40	473.35	N.A.	43.90
0-60	832.54	N.A.	77.30
0-80	1049.66	N.A.	97.40
0-90	1077.53	N.A.	100.00
10-90	1042.02	N.A.	96.70
20-40	336.34	N.A.	31.20
20-50	525.07	N.A.	48.70
40-70	493.32	N.A.	45.80
60-80	217.12	N.A.	20.10
70-80	82.98	N.A.	7.70
80-90	27.87	N.A.	2.60
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	1077.53	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	35.51
10-20	101.50
20-30	153.04
30-40	183.30
40-50	188.73
50-60	170.45
60-70	134.14
70-80	82.98
80-90	27.87
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

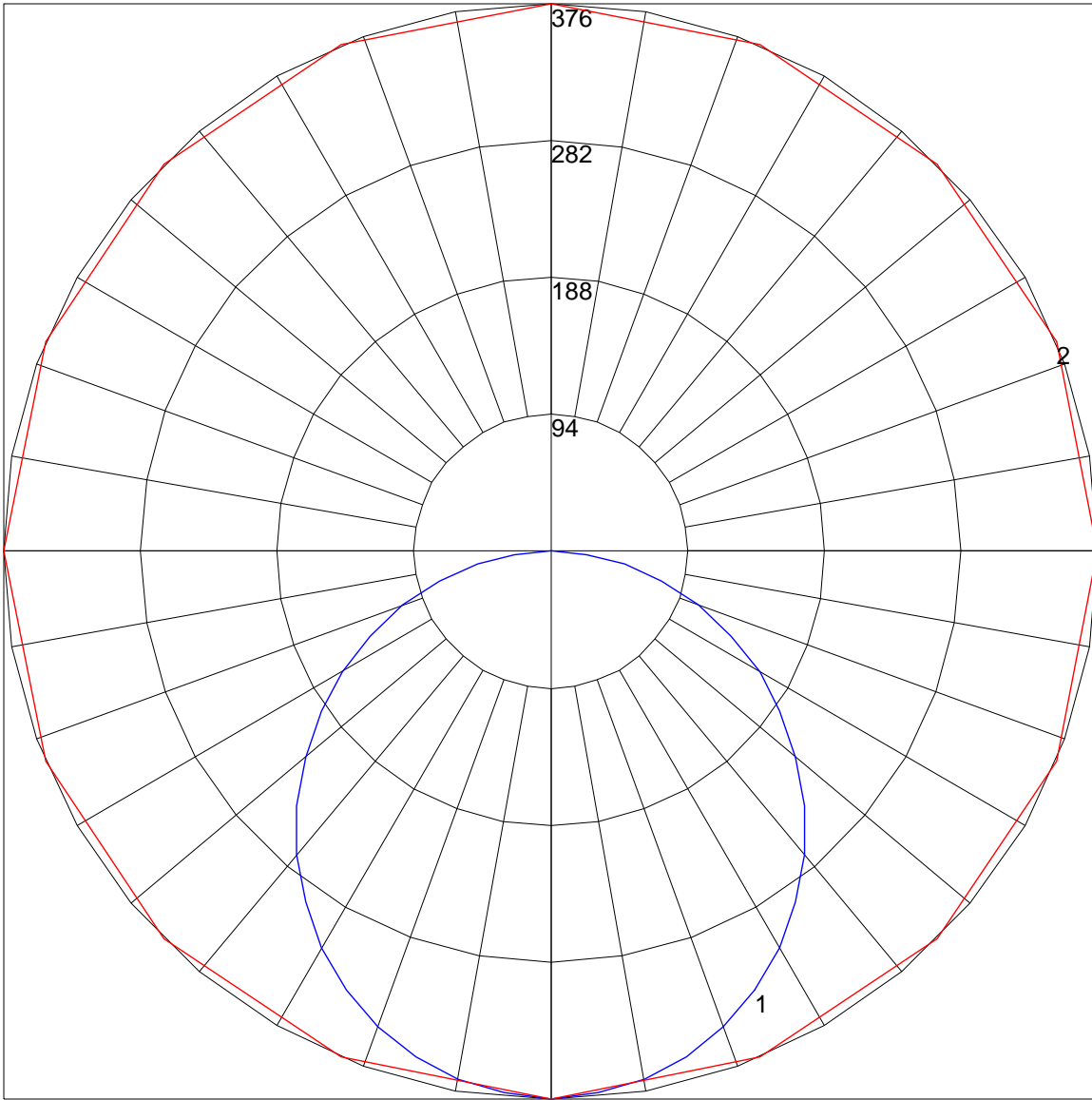
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L101601210.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	105	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	68	55	46	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	46	39	35	33
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	29	55	42	34	29	41	33	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24

POLAR GRAPH



Maximum Candela = 375.63 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.)