



8165 E. Kaiser Blvd. Anaheim, CA 92808
 www.lightlaboratory.com

Photometric Test Report

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L011802901.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L011802901
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 1/17/2018
 [MANUFAC] Bartco Lighting, Inc.
 [LUMCAT] BIW110-LI-SN-A-48-35-I-120-I-R
 [LUMINAIRE] 5/8 Flush Mount Linear LED Luminaire
 [BALLASTCAT] AC ELECTRONICS AC-A60VD24H2.5 LED DRIVER
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 28.50W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1978
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	69
Total Luminaire Watts	28.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.02 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	9984	9910	9884
55	9464	9390	9348
65	9090	9020	8979
75	8433	8348	8281
85	7760	7401	6975

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L011802901.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	701.50	701.50	701.50	701.50	701.50
5	696.29	699.35	698.19	697.95	697.10
10	685.62	690.71	687.62	687.47	687.34
15	668.29	674.55	669.55	669.95	669.69
20	645.64	652.38	646.29	646.64	646.59
25	615.90	624.32	616.73	616.27	615.33
30	582.65	590.82	581.89	581.34	581.09
35	541.50	551.44	540.52	539.50	539.46
40	497.42	507.12	495.23	494.03	494.02
45	448.63	459.34	445.34	444.07	444.17
50	396.43	408.25	394.35	392.61	392.80
55	344.97	356.86	342.27	341.20	340.75
60	297.55	308.65	295.43	294.26	294.24
65	244.13	257.46	242.24	241.24	241.14
70	190.58	203.87	188.68	188.22	188.02
75	138.70	151.44	137.31	136.53	136.21
80	89.58	101.28	87.72	86.94	86.57
85	42.98	54.06	40.99	39.26	38.63
90	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L011802901.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	255.59	N.A.	12.90
0-30	540.52	N.A.	27.30
0-40	880.16	N.A.	44.50
0-60	1537.02	N.A.	77.70
0-80	1929.47	N.A.	97.50
0-90	1978.08	N.A.	100.00
10-90	1911.76	N.A.	96.60
20-40	624.57	N.A.	31.60
20-50	970.87	N.A.	49.10
40-70	900.22	N.A.	45.50
60-80	392.45	N.A.	19.80
70-80	149.09	N.A.	7.50
80-90	48.61	N.A.	2.50
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	1978.08	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	66.32
10-20	189.28
20-30	284.93
30-40	339.64
40-50	346.31
50-60	310.55
60-70	243.37
70-80	149.09
80-90	48.61
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

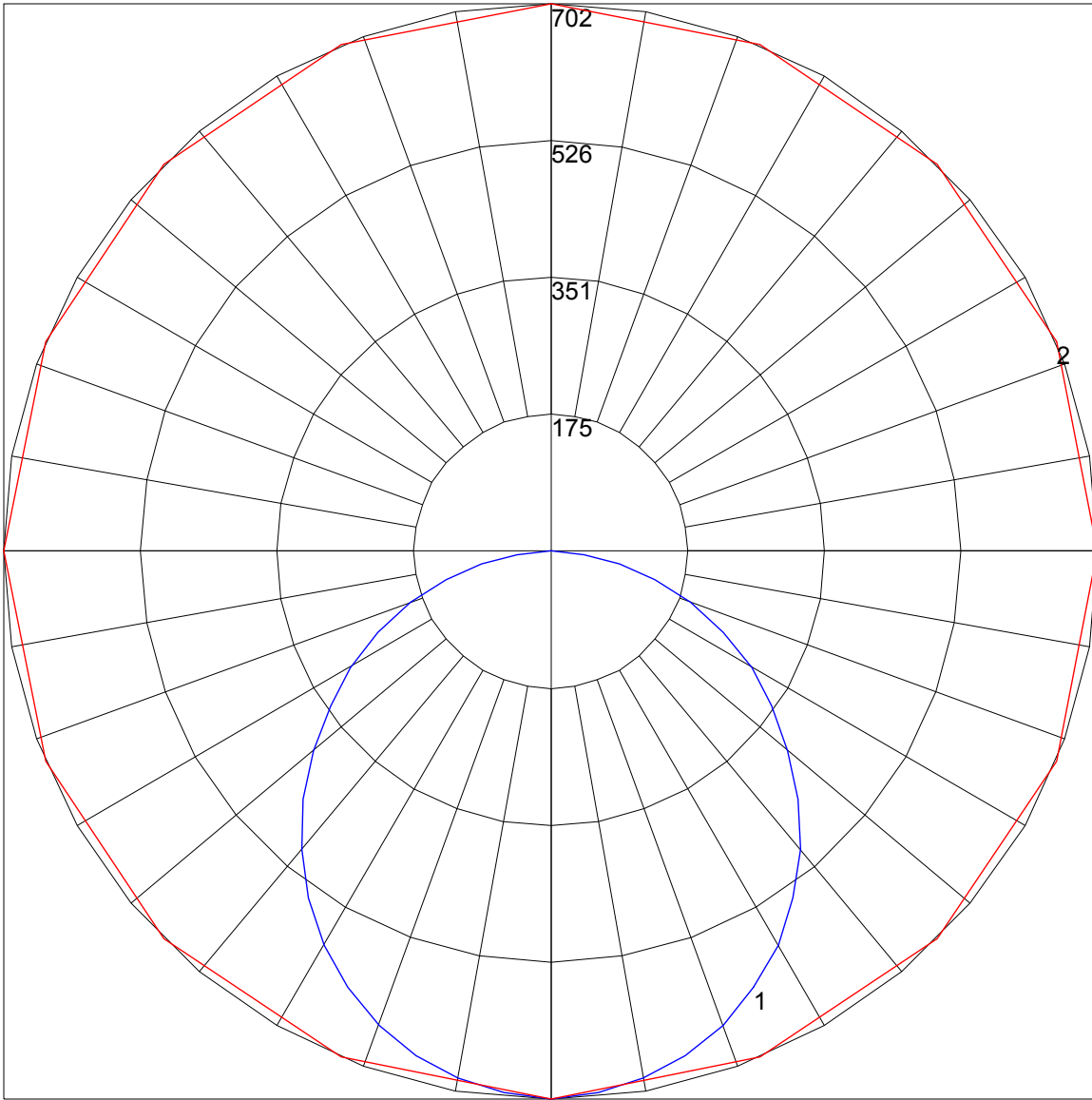
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L011802901.IES

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	108	103	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	27
10	53	39	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 701.5 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.)