



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL726LEDHTLOWT40120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Photopia 2018.1.0 see: www.ltioptics.com/ies
 [ISSUEDATE]
 [TESTDATE] Tue Dec 18 12:51:52 2018
 [TEST] 1
 [MANUFAC] BEGHELLI
 [LUMCAT]
 [LUMINAIRE] BL726LEDHTLOWT40120-277V
 [LAMP] LED 0.3W White 2323 package (65mA)
 [LAMPCAT] SPMWHT221MD5WAT0S0
 [OTHER]
 IESNA:LM-63-2002
 [TEST] 6,552
 [TESTLAB] CSA Group
 [ISSUEDATE] 7/24/2013 1:09:24 PM
 [OTHER] Luminous shape: Rectangle
 [OTHER] Luminous dimensions (feet)
 [OTHER] 0 - 180 Axis: 4.2
 [OTHER] 90 - 270 Axis: 0.6
 [OTHER] Height: 0.1

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5837
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.52
Spacing Criterion (90-270)	1.52
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.99 ft
Luminous Width (90-270)	1.01 ft
Luminous Height	0.36 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18595	16795	18707
55	9120	8019	9190
65	3251	2765	3283
75	1127	916	1142
85	276	209	281

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CANDELA TABULATION

	<u>0</u>
0.0	2360.05
2.5	2249.71
5.0	2237.72
7.5	2255.48
10.0	2286.25
12.5	2326.28
15.0	2368.66
17.5	2431.72
20.0	2474.45
22.5	2512.09
25.0	2535.42
27.5	2534.15
30.0	2511.50
32.5	2476.01
35.0	2409.50
37.5	2288.71
40.0	2121.33
42.5	1911.97
45.0	1676.57
47.5	1430.33
50.0	1188.81
52.5	954.42
55.0	743.76
57.5	566.12
60.0	422.16
62.5	312.39
65.0	229.08
67.5	168.26
70.0	122.00
72.5	88.16
75.0	64.53
77.5	46.07
80.0	32.90
82.5	21.68
85.0	11.66
87.5	2.70
90.0	0.00
92.5	0.00
95.0	0.00
97.5	0.00
100.0	0.00
102.5	0.00
105.0	0.00
107.5	0.00
110.0	0.00
112.5	0.00
115.0	0.00
117.5	0.00
120.0	0.00
122.5	0.00
125.0	0.00
127.5	0.00
130.0	0.00
132.5	0.00

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CANDELA TABULATION - (Cont.)

135.0	0.00
137.5	0.02
140.0	0.01
142.5	0.01
145.0	0.00
147.5	0.00
150.0	0.01
152.5	0.01
155.0	0.01
157.5	0.01
160.0	0.00
162.5	0.00
165.0	0.00
167.5	0.00
170.0	0.00
172.5	0.00
175.0	0.00
177.5	0.00
180.0	0.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	892.34	N.A.	15.30
0-30	2058.68	N.A.	35.30
0-40	3544.5	N.A.	60.70
0-60	5508.57	N.A.	94.40
0-80	5823.05	N.A.	99.80
0-90	5837.32	N.A.	100.00
10-90	5621.56	N.A.	96.30
20-40	2652.16	N.A.	45.40
20-50	3934.33	N.A.	67.40
40-70	2205.84	N.A.	37.80
60-80	314.48	N.A.	5.40
70-80	72.71	N.A.	1.20
80-90	14.27	N.A.	0.20
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	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.01	N.A.	0.00
0-180	5837.33	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	215.76
10-20	676.58
20-30	1166.34
30-40	1485.82
40-50	1282.17
50-60	681.91
60-70	241.76
70-80	72.71
80-90	14.27
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

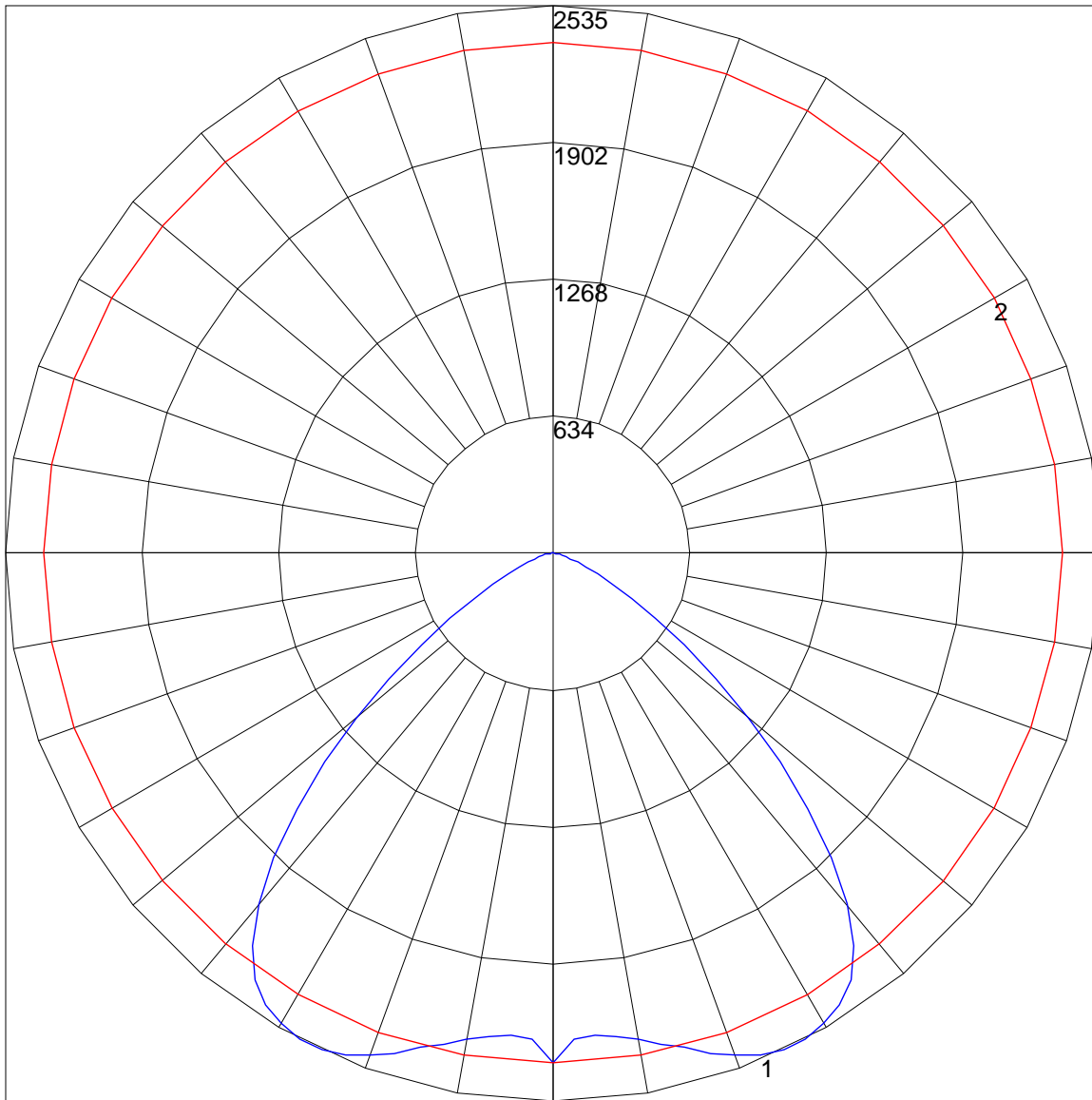
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	97	97	96	94	94	92	91	89
2	103	97	91	87	101	95	90	85	91	87	84	88	85	82	85	82	80	78
3	96	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68
4	88	78	71	65	86	77	70	64	74	68	64	72	67	63	70	66	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	47
7	71	58	50	45	69	58	50	45	56	49	44	55	49	44	54	48	44	42
8	66	53	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38
9	62	49	42	36	60	49	41	36	47	41	36	46	40	36	45	40	36	34
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31

POLAR GRAPH



Maximum Candela = 2535.42 Located At Horizontal Angle = 0, Vertical Angle = 25
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)