



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL726LEDHTLOWT30120-277V\_S.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TESTLAB] Photopia 2018.1.0 see: [www.ltioptics.com/ies](http://www.ltioptics.com/ies)  
 [ISSUEDATE]  
 [TESTDATE] Tue Dec 18 13:10:57 2018  
 [TEST] 1  
 [MANUFAC] BEGHELLI  
 [LUMCAT]  
 [LUMINAIRE] BL726LEDHTLOWT30120-277V  
 [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	5605
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.50
Spacing Criterion (90-270)	1.50
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	17865	16136	17972
55	8758	7701	8825
65	3131	2663	3162
75	1082	879	1096
85	266	201	271

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CANDELA TABULATION

	<u>0</u>
0.0	2280.24
2.5	2159.98
5.0	2143.99
7.5	2167.15
10.0	2201.07
12.5	2233.70
15.0	2278.68
17.5	2330.03
20.0	2376.15
22.5	2411.44
25.0	2429.63
27.5	2431.99
30.0	2415.13
32.5	2376.38
35.0	2309.45
37.5	2197.55
40.0	2038.24
42.5	1836.91
45.0	1610.71
47.5	1374.30
50.0	1140.50
52.5	916.90
55.0	714.23
57.5	543.69
60.0	406.31
62.5	300.16
65.0	220.67
67.5	161.32
70.0	117.32
72.5	85.37
75.0	61.93
77.5	44.53
80.0	31.39
82.5	20.65
85.0	11.26
87.5	2.57
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.)**

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

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	856.99	N.A.	15.30
0-30	1976.35	N.A.	35.30
0-40	3402.58	N.A.	60.70
0-60	5289.19	N.A.	94.40
0-80	5591.71	N.A.	99.80
0-90	5605.35	N.A.	100.00
10-90	5398.08	N.A.	96.30
20-40	2545.59	N.A.	45.40
20-50	3777.3	N.A.	67.40
40-70	2119.06	N.A.	37.80
60-80	302.51	N.A.	5.40
70-80	70.07	N.A.	1.30
80-90	13.64	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	5605.36	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	207.27
10-20	649.71
20-30	1119.37
30-40	1426.23
40-50	1231.7
50-60	654.91
60-70	232.44
70-80	70.07
80-90	13.64
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

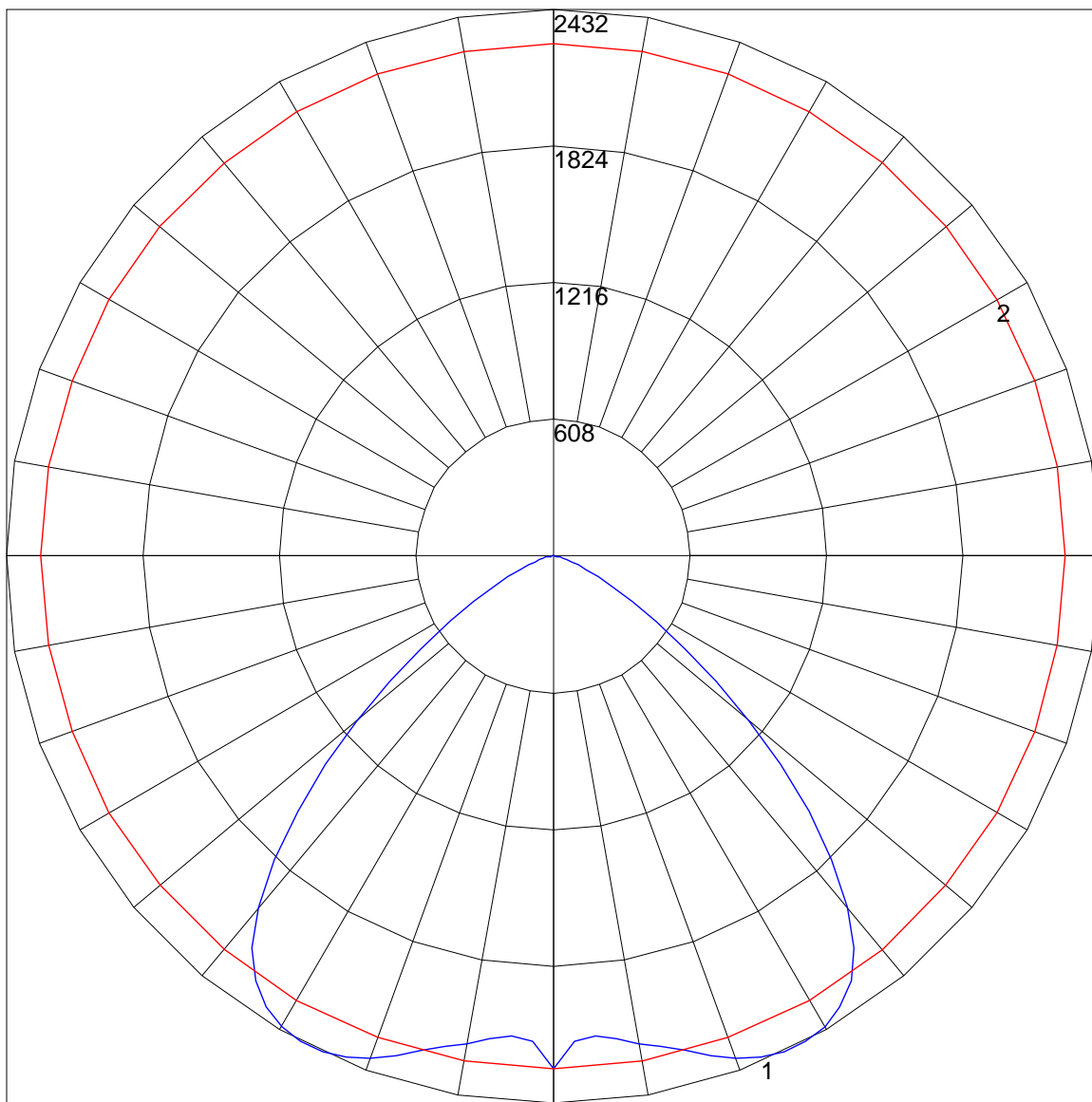
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	86	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 = 2431.99 Located At Horizontal Angle = 0, Vertical Angle = 27.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)