



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL726LEDSAWT40120-277V\_P.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 10:59:51 2018  
 [TEST] 1  
 [MANUFAC] BEGHELLI  
 [LUMCAT]  
 [LUMINAIRE] BL726LEDSAWT40120-277V\_P  
 [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	1168
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.56
Spacing Criterion (90-270)	1.56
Spacing Criterion (Diagonal)	1.44
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	3757	3393	3779
55	1833	1612	1847
65	651	553	657
75	225	183	228
85	55	42	56

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CANDELA TABULATION

	<u>0</u>
0.0	456.516
2.5	432.126
5.0	427.818
7.5	432.615
10.0	442.667
12.5	451.616
15.0	463.801
17.5	477.251
20.0	489.329
22.5	498.583
25.0	505.210
27.5	508.047
30.0	505.468
32.5	499.372
35.0	486.443
37.5	462.730
40.0	429.054
42.5	386.480
45.0	338.715
47.5	288.902
50.0	239.480
52.5	191.846
55.0	149.466
57.5	113.379
60.0	84.625
62.5	62.389
65.0	45.845
67.5	33.499
70.0	24.358
72.5	17.743
75.0	12.888
77.5	9.288
80.0	6.560
82.5	4.333
85.0	2.337
87.5	0.542
90.0	0.000
92.5	0.000
95.0	0.000
97.5	0.000
100.0	0.000
102.5	0.000
105.0	0.000
107.5	0.000
110.0	0.000
112.5	0.000
115.0	0.000
117.5	0.000
120.0	0.000
122.5	0.000
125.0	0.000
127.5	0.000
130.0	0.000
132.5	0.000

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**CANDELA TABULATION - (Cont.)**

<b>135.0</b>	0.001
<b>137.5</b>	0.003
<b>140.0</b>	0.003
<b>142.5</b>	0.002
<b>145.0</b>	0.000
<b>147.5</b>	0.000
<b>150.0</b>	0.000
<b>152.5</b>	0.000
<b>155.0</b>	0.000
<b>157.5</b>	0.000
<b>160.0</b>	0.000
<b>162.5</b>	0.000
<b>165.0</b>	0.000
<b>167.5</b>	0.000
<b>170.0</b>	0.000
<b>172.5</b>	0.000
<b>175.0</b>	0.000
<b>177.5</b>	0.000
<b>180.0</b>	0.000

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	173.87	N.A.	14.90
0-30	406.61	N.A.	34.80
0-40	706.57	N.A.	60.50
0-60	1102.59	N.A.	94.40
0-80	1165.49	N.A.	99.80
0-90	1168.34	N.A.	100.00
10-90	1126.89	N.A.	96.50
20-40	532.70	N.A.	45.60
20-50	791.73	N.A.	67.80
40-70	444.34	N.A.	38.00
60-80	62.90	N.A.	5.40
70-80	14.58	N.A.	1.20
80-90	2.85	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	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1168.34	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	41.46
10-20	132.42
20-30	232.74
30-40	299.96
40-50	259.03
50-60	136.99
60-70	48.32
70-80	14.58
80-90	2.85
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

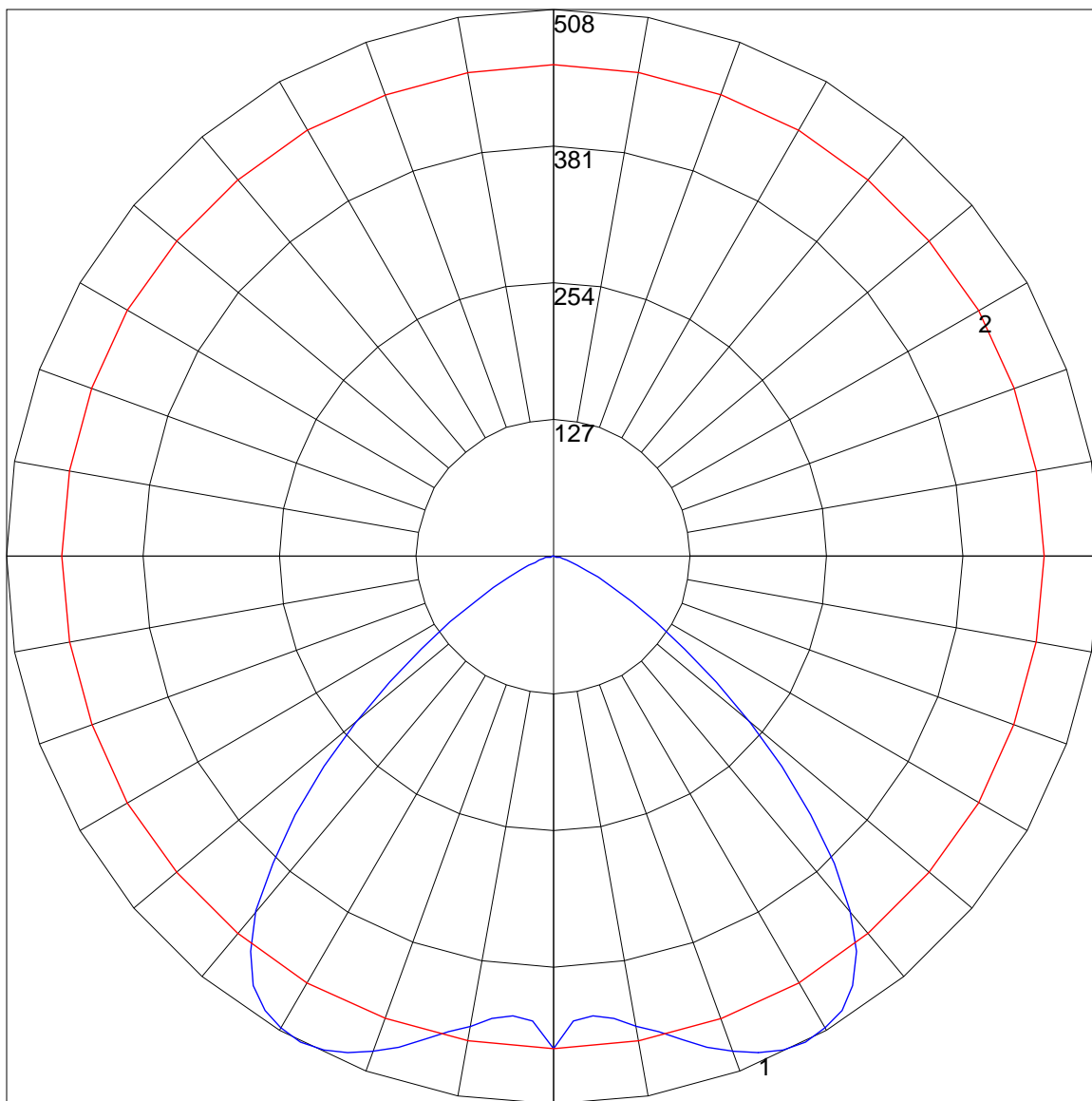
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	95	87	80	74	93	85	79	74	82	77	73	80	75	71	77	73	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	63	70	66	62	60
5	82	70	63	57	80	69	62	57	67	61	56	66	60	55	64	59	55	53
6	76	64	56	50	74	63	55	50	61	55	50	60	54	49	58	53	49	47
7	71	58	50	45	69	57	50	45	56	49	44	55	49	44	53	48	44	42
8	66	53	45	40	64	53	45	40	51	45	40	50	44	40	49	43	39	38
9	61	49	41	36	60	48	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	32	42	36	32	31

POLAR GRAPH



Maximum Candela = 508.047 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)