



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL726LEDHTMOWT40120-277V\_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)

[ISSUE DATE]

[TEST DATE] Tue Dec 18 16:20:27 2018

[TEST] 1

[MANUFACT] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL726LEDHTMOWT40120-277V

[LAMP] LED 0.3W White 2323 package (65mA)

[LAMPCAT] SPMWHT221MD5WAT0S0

[OTHER]

IESNA:LM-63-2002

[TEST] 6,552

[TESTLAB] CSA Group

[ISSUE DATE] 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	8170
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	70
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	26035	23515	26191
55	12784	11241	12882
65	4562	3880	4607
75	1576	1281	1596
85	387	293	394

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CANDELA TABULATION

	<u>0</u>
0.0	3326.03
2.5	3145.42
5.0	3121.91
7.5	3154.79
10.0	3203.21
12.5	3250.41
15.0	3321.72
17.5	3400.90
20.0	3467.59
22.5	3512.96
25.0	3543.99
27.5	3545.70
30.0	3515.37
32.5	3465.13
35.0	3367.73
37.5	3200.90
40.0	2967.31
42.5	2675.54
45.0	2347.33
47.5	2004.09
50.0	1664.70
52.5	1335.03
55.0	1042.60
57.5	792.51
60.0	592.16
62.5	437.35
65.0	321.49
67.5	235.90
70.0	171.42
72.5	124.33
75.0	90.21
77.5	65.18
80.0	45.95
82.5	30.26
85.0	16.38
87.5	3.81
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>	0.01
<b>137.5</b>	0.02
<b>140.0</b>	0.03
<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>	0.00
<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	1248.92	N.A.	15.30
0-30	2880.59	N.A.	35.30
0-40	4958.84	N.A.	60.70
0-60	7708.69	N.A.	94.40
0-80	8149.91	N.A.	99.80
0-90	8169.87	N.A.	100.00
10-90	7868.1	N.A.	96.30
20-40	3709.93	N.A.	45.40
20-50	5504.9	N.A.	67.40
40-70	3088.82	N.A.	37.80
60-80	441.21	N.A.	5.40
70-80	102.25	N.A.	1.30
80-90	19.96	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	8169.88	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	301.77
10-20	947.15
20-30	1631.67
30-40	2078.26
40-50	1794.98
50-60	954.87
60-70	338.97
70-80	102.25
80-90	19.96
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.01
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

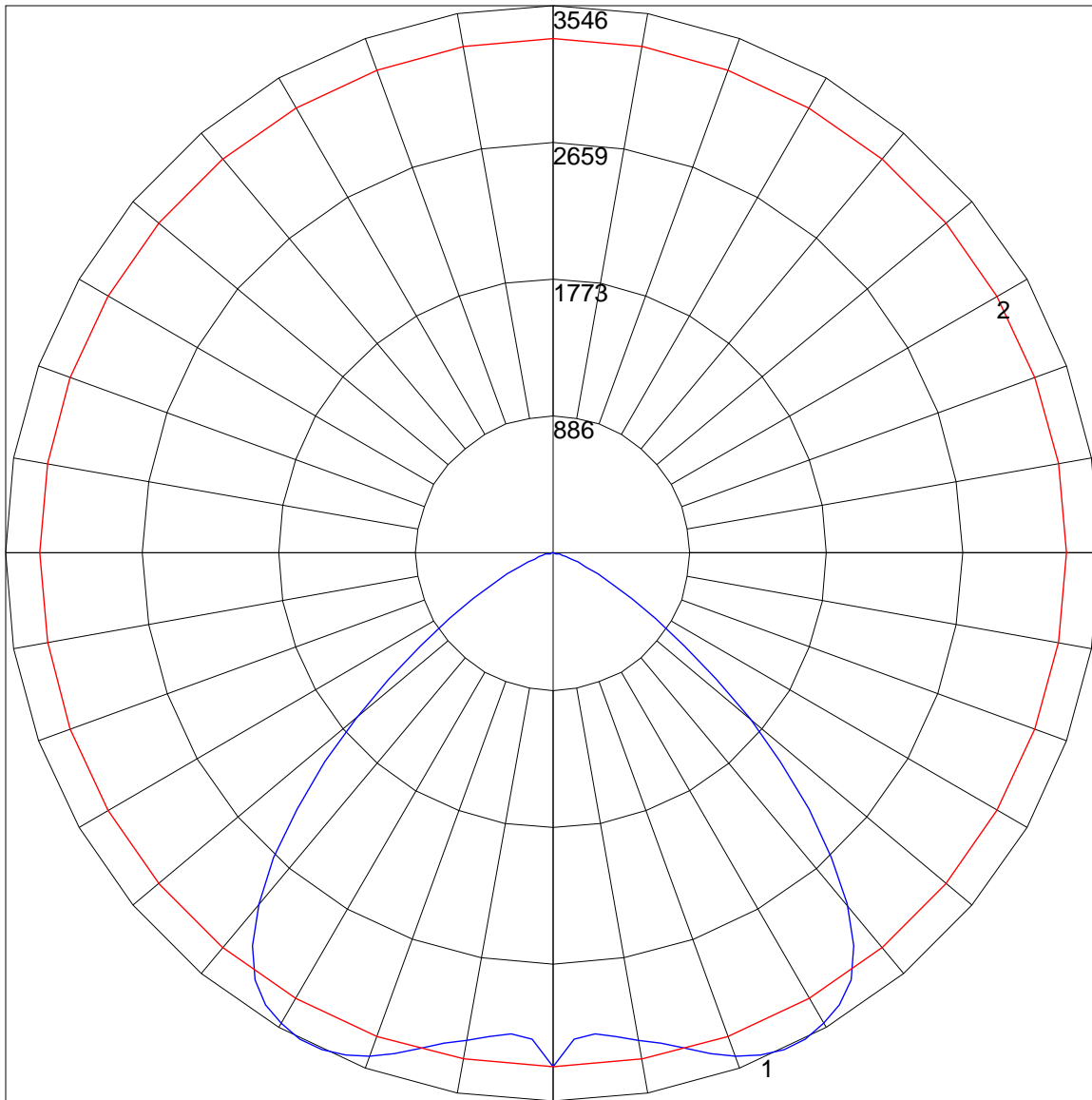
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 3545.7 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)