



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL726LEDHTLOASYWT40120-277V\_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 19:40:20 2018

[TEST] 1

[MANUFACT] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL726LEDHTLOASYWT40120-277V

[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	5629
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	50
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	0.32
Spacing Criterion (Diagonal)	1.54
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	13889	4415	4973
55	7918	2951	3024
65	3235	1390	1384
75	1233	592	625
85	303	221	321

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**CANDELA TABULATION**

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
<b>0.0</b>	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91
<b>2.5</b>	2006.78	1994.91	1932.84	1920.43	1867.38	1835.24	1784.45	1720.18	1742.79	1741.88
<b>5.0</b>	1974.68	1910.48	1807.78	1723.43	1673.12	1607.34	1534.18	1518.04	1480.78	1490.20
<b>7.5</b>	1973.24	1874.15	1734.08	1593.93	1489.78	1395.14	1306.33	1266.63	1220.67	1200.42
<b>10.0</b>	2013.33	1840.89	1664.64	1468.38	1326.62	1181.48	1107.88	1019.68	973.66	966.71
<b>12.5</b>	2003.15	1785.45	1544.99	1338.67	1137.93	1007.45	899.93	816.00	777.94	752.07
<b>15.0</b>	2003.68	1725.41	1455.95	1191.36	1001.99	826.13	723.26	651.41	616.15	611.90
<b>17.5</b>	2002.09	1678.23	1355.36	1066.24	860.82	701.42	599.48	540.38	518.27	505.70
<b>20.0</b>	2014.15	1610.03	1255.09	955.69	734.17	593.63	518.89	485.72	459.04	457.62
<b>22.5</b>	1979.09	1541.31	1136.77	845.52	637.96	530.63	469.36	452.34	443.09	443.41
<b>25.0</b>	1934.47	1469.27	1047.70	748.33	565.82	490.67	454.86	453.47	450.93	453.80
<b>27.5</b>	1899.77	1382.00	945.31	665.74	526.65	473.53	461.60	458.19	467.59	467.40
<b>30.0</b>	1834.06	1295.37	871.52	613.05	500.17	466.01	469.17	481.77	494.20	490.08
<b>32.5</b>	1781.22	1216.01	796.25	567.99	490.84	473.44	494.47	504.41	509.71	512.19
<b>35.0</b>	1709.15	1135.65	725.41	541.62	482.80	493.56	504.71	517.70	523.60	528.66
<b>37.5</b>	1616.80	1051.55	668.61	505.66	477.97	499.88	511.12	524.84	528.46	525.66
<b>40.0</b>	1520.58	961.88	607.44	481.03	468.16	489.22	504.38	510.08	511.98	507.44
<b>42.5</b>	1388.07	872.49	553.29	458.28	455.02	474.04	487.82	486.85	484.46	478.29
<b>45.0</b>	1252.28	781.60	504.50	425.13	431.17	450.22	454.89	452.67	443.99	445.65
<b>47.5</b>	1103.92	684.13	454.17	391.14	397.99	417.37	421.44	410.43	397.52	396.55
<b>50.0</b>	950.25	598.97	405.66	357.36	362.84	375.12	374.11	363.93	351.79	348.92
<b>52.5</b>	788.41	508.24	352.48	310.10	319.25	327.13	318.68	310.10	300.72	297.61
<b>55.0</b>	645.78	423.00	302.51	270.16	273.58	273.85	266.99	254.66	247.76	244.70
<b>57.5</b>	511.90	341.65	254.36	228.08	227.29	225.79	213.31	207.55	198.63	195.85
<b>60.0</b>	398.88	277.07	206.23	184.76	185.80	181.06	172.32	163.20	158.13	154.93
<b>62.5</b>	306.66	220.21	171.12	151.84	145.06	141.87	135.89	130.75	123.73	122.15
<b>65.0</b>	227.97	169.45	134.87	120.38	117.85	112.47	106.73	101.59	95.49	96.56
<b>67.5</b>	173.91	130.75	109.15	97.01	91.99	86.61	84.01	77.96	76.35	74.97
<b>70.0</b>	125.95	98.89	83.46	76.22	71.67	68.15	64.70	60.85	59.87	57.24
<b>72.5</b>	92.13	76.54	62.87	58.56	55.02	52.49	50.07	47.31	46.24	46.31
<b>75.0</b>	70.58	57.31	48.82	44.81	41.30	42.06	40.13	37.53	37.18	35.31
<b>77.5</b>	50.53	42.43	37.83	34.98	32.08	31.33	32.06	30.36	30.13	28.91
<b>80.0</b>	34.90	31.13	28.49	26.59	25.61	24.56	25.10	24.88	24.90	24.45
<b>82.5</b>	23.16	21.75	20.49	19.86	18.67	18.65	19.30	19.15	21.04	19.23
<b>85.0</b>	12.83	12.41	11.78	10.99	12.40	12.35	12.55	12.64	13.91	13.33
<b>87.5</b>	2.92	3.10	3.38	2.88	3.54	3.58	3.75	4.48	4.52	4.21
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

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

**Vert. Angles**      **Horizontal Angles**

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91
2.5	1765.46	1771.33	1804.72	1792.95	1826.82	1880.18	1896.67	2016.41	1982.24	2063.76
5.0	1510.93	1510.09	1529.39	1596.93	1679.67	1754.26	1810.78	1912.61	1984.84	2068.02
7.5	1219.75	1241.59	1315.96	1383.24	1492.93	1604.51	1731.95	1877.80	2005.47	2124.82
10.0	986.56	1012.55	1110.32	1198.01	1325.31	1470.32	1654.89	1816.97	2003.34	2167.84
12.5	779.89	811.64	885.71	997.44	1138.77	1336.80	1540.76	1772.86	2020.36	2244.66
15.0	621.50	653.90	734.16	834.27	998.91	1200.38	1446.30	1741.81	1997.42	2292.90
17.5	519.46	541.55	600.42	699.41	845.35	1082.56	1352.56	1679.67	2017.12	2333.14
20.0	457.92	474.56	515.94	598.10	734.98	948.05	1254.61	1617.00	1993.34	2358.02
22.5	446.47	449.08	476.23	529.44	644.81	843.73	1147.29	1546.05	1974.74	2393.94
25.0	450.06	443.39	453.01	489.51	576.48	753.35	1048.45	1474.88	1941.14	2413.11
27.5	463.67	459.93	458.15	467.14	525.37	667.30	949.12	1386.12	1894.57	2410.41
30.0	491.99	479.01	474.35	467.96	498.05	617.56	873.36	1305.95	1843.63	2385.86
32.5	513.36	508.08	489.11	474.89	484.04	571.66	789.45	1219.40	1787.39	2373.56
35.0	527.18	526.58	512.59	480.32	482.72	540.73	733.74	1141.75	1719.75	2339.18
37.5	525.36	522.06	511.93	489.65	475.55	511.77	671.16	1063.64	1632.80	2266.93
40.0	509.57	519.18	506.57	496.42	475.78	482.56	612.54	963.50	1514.68	2148.86
42.5	481.47	486.30	489.44	475.17	456.33	449.82	554.05	874.21	1392.56	2006.36
45.0	445.27	454.20	457.70	450.10	431.66	427.17	496.10	778.03	1251.86	1804.34
47.5	405.79	411.84	416.98	418.01	405.78	391.34	453.11	694.15	1104.53	1606.89
50.0	351.03	366.23	373.55	376.11	364.52	353.56	403.67	596.93	953.34	1381.30
52.5	296.40	309.78	315.69	325.78	320.17	312.09	351.66	507.17	798.63	1149.39
55.0	245.12	256.82	266.52	275.25	271.87	268.06	301.75	423.23	652.22	930.38
57.5	201.22	208.11	218.29	223.27	225.69	224.54	251.95	344.60	511.95	721.43
60.0	157.57	167.24	173.94	182.32	185.94	187.31	207.20	278.00	399.21	552.89
62.5	125.41	127.84	137.65	143.19	147.43	151.09	166.54	215.94	302.13	415.18
65.0	96.86	101.05	106.36	112.52	115.50	119.87	135.30	172.77	233.37	306.59
67.5	75.17	78.55	82.35	87.64	90.43	94.96	107.69	131.62	174.57	224.89
70.0	59.10	61.39	64.77	67.46	70.14	76.15	83.05	100.77	127.67	160.02
72.5	46.44	47.87	51.80	52.06	57.78	58.79	65.24	77.25	93.20	114.83
75.0	37.64	38.14	39.95	41.17	42.23	44.71	49.50	56.59	68.15	83.18
77.5	30.75	30.38	31.60	31.70	32.82	33.69	36.88	43.32	50.10	58.21
80.0	24.32	24.49	25.00	25.79	25.86	26.20	28.82	30.84	34.70	40.59

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**CANDELA TABULATION - (Cont.)**

82.5	19.59	19.01	18.85	19.75	19.55	19.62	20.19	22.35	23.84	26.51
85.0	13.02	12.76	12.64	11.59	12.12	11.68	11.62	12.09	12.63	14.19
87.5	4.17	3.81	3.85	3.88	3.35	3.29	2.89	2.81	3.34	3.45
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
175.0	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert.  
Angles**

**Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0.0	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91
2.5	2102.64	2076.33	2165.77	2194.63	2211.87	2253.10	2246.44	2248.41	2228.76	2195.04
5.0	2152.03	2179.08	2264.26	2313.24	2389.70	2384.41	2424.27	2409.76	2420.95	2387.72
7.5	2229.80	2318.35	2423.83	2502.05	2577.34	2609.93	2668.54	2670.21	2665.17	2620.31
10.0	2326.12	2460.09	2635.03	2720.17	2828.01	2880.22	2917.46	2948.37	2909.70	2888.01
12.5	2406.66	2603.94	2780.91	2938.38	3050.30	3154.62	3204.81	3203.89	3192.58	3149.04
15.0	2527.79	2762.14	2980.59	3170.53	3312.28	3411.00	3459.87	3480.10	3450.71	3400.64
17.5	2643.46	2924.76	3180.20	3383.69	3553.22	3678.67	3724.61	3757.35	3722.08	3692.93
20.0	2724.41	3057.13	3370.66	3597.81	3786.39	3900.15	3980.15	3987.64	3973.53	3893.89
22.5	2807.71	3181.30	3537.11	3802.33	4015.28	4129.49	4181.94	4217.80	4173.19	4110.27
25.0	2874.21	3303.21	3677.80	3966.25	4160.00	4285.59	4361.28	4365.74	4329.76	4255.48
27.5	2906.76	3386.17	3762.14	4071.14	4304.09	4433.31	4473.81	4529.39	4497.98	4429.45

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

30.0	2945.70	3436.67	3854.17	4150.35	4422.62	4548.80	4622.72	4642.44	4607.64	4535.80
32.5	2948.78	3486.59	3892.68	4245.70	4484.67	4639.52	4717.05	4725.19	4703.13	4611.72
35.0	2946.78	3486.19	3914.40	4268.35	4529.48	4694.96	4738.97	4781.95	4745.87	4674.64
37.5	2885.79	3411.94	3857.01	4216.44	4446.93	4635.50	4660.40	4671.30	4672.27	4593.68
40.0	2772.12	3312.24	3724.19	4052.06	4302.22	4411.98	4463.47	4432.43	4443.11	4399.56
42.5	2587.25	3093.72	3509.08	3795.28	3993.84	4088.39	4091.33	4072.17	4069.38	4074.70
45.0	2360.51	2836.83	3199.84	3461.55	3592.26	3628.56	3611.31	3575.85	3581.82	3623.78
47.5	2103.56	2530.72	2847.87	3041.46	3112.93	3105.11	3056.93	3033.51	3044.76	3094.55
50.0	1819.03	2181.85	2443.32	2584.01	2603.03	2562.76	2486.63	2466.80	2491.37	2557.80
52.5	1507.45	1831.25	2021.10	2108.76	2087.33	2010.77	1949.68	1905.54	1941.84	2018.06
55.0	1214.96	1466.25	1612.98	1653.41	1603.90	1533.45	1469.11	1434.83	1467.23	1520.05
57.5	944.95	1133.78	1250.10	1249.72	1191.40	1120.87	1069.43	1048.74	1066.24	1116.43
60.0	717.20	857.36	930.17	918.91	865.39	806.86	770.60	749.16	758.82	804.41
62.5	537.26	635.11	678.93	659.52	610.09	576.91	546.57	540.93	546.88	577.15
65.0	390.53	454.44	482.77	470.79	437.04	406.94	390.06	383.97	384.75	410.19
67.5	281.05	324.52	344.09	332.93	311.42	291.85	277.56	272.09	274.09	289.30
70.0	199.92	233.04	238.63	229.54	219.04	206.38	197.54	199.36	197.62	205.67
72.5	138.60	160.31	166.98	162.91	155.21	145.57	142.15	135.90	139.90	145.38
75.0	98.01	107.85	114.88	114.62	107.75	101.70	101.92	99.91	101.10	103.81
77.5	67.89	74.71	77.09	76.32	75.17	72.09	70.06	68.78	69.07	72.85
80.0	46.19	48.53	51.53	50.07	49.44	46.71	45.77	44.63	45.41	47.14
82.5	27.65	29.76	30.17	29.67	29.70	28.85	27.35	27.74	28.87	28.54
85.0	13.81	15.93	14.47	14.33	13.87	13.90	13.35	12.95	12.97	13.69
87.5	3.21	3.18	2.65	2.36	1.99	1.66	1.53	1.43	1.50	1.59
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
130.0	0.00	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.01	0.10	0.00	0.00	0.00	0.00
135.0	0.00	0.03	0.01	0.00	0.06	0.32	0.27	0.00	0.00	0.00
137.5	0.00	0.05	0.21	0.04	0.08	0.43	0.18	0.00	0.00	0.01
140.0	0.01	0.13	0.14	0.10	0.00	0.29	0.06	0.00	0.00	0.00
142.5	0.00	0.02	0.13	0.18	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
150.0	0.00	0.00	0.00	0.00	0.02	0.06	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.10	0.03	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.00	0.01	0.03
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL726LEDHTLOASYWT40120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<b>300</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>340</b>	<b>350</b>	<b>360</b>
<b>0.0</b>	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91	2110.91
<b>2.5</b>	2173.06	2175.52	2143.89	2129.01	2098.09	2044.41	2006.78
<b>5.0</b>	2338.27	2311.66	2315.69	2227.26	2136.87	2075.79	1974.68
<b>7.5</b>	2585.41	2530.47	2459.44	2350.35	2236.61	2118.35	1973.24
<b>10.0</b>	2821.13	2710.49	2601.50	2468.20	2328.85	2172.63	2013.33
<b>12.5</b>	3059.48	2944.27	2776.57	2609.13	2446.53	2216.48	2003.15
<b>15.0</b>	3297.70	3173.67	2971.59	2760.13	2537.79	2266.05	2003.68
<b>17.5</b>	3563.10	3383.20	3157.52	2923.71	2645.17	2318.39	2002.09
<b>20.0</b>	3777.96	3602.22	3339.96	3055.11	2708.88	2366.16	2014.15
<b>22.5</b>	3976.75	3778.67	3514.42	3183.23	2790.85	2377.17	1979.09
<b>25.0</b>	4142.20	3941.41	3646.17	3285.77	2849.98	2396.46	1934.47
<b>27.5</b>	4267.72	4052.80	3753.91	3375.42	2892.17	2386.81	1899.77
<b>30.0</b>	4389.88	4143.30	3824.20	3415.98	2924.93	2376.24	1834.06
<b>32.5</b>	4457.94	4218.86	3875.05	3454.78	2941.72	2371.07	1781.22
<b>35.0</b>	4502.52	4246.19	3880.59	3461.06	2942.88	2329.13	1709.15
<b>37.5</b>	4447.28	4212.61	3839.83	3389.00	2877.67	2256.01	1616.80
<b>40.0</b>	4267.23	4033.21	3706.44	3265.74	2741.61	2125.20	1520.58
<b>42.5</b>	3960.50	3777.81	3470.77	3077.70	2568.35	1987.23	1388.07
<b>45.0</b>	3575.99	3441.27	3180.21	2828.99	2345.49	1795.27	1252.28
<b>47.5</b>	3107.74	3026.84	2830.60	2517.58	2096.59	1602.98	1103.92
<b>50.0</b>	2595.05	2579.65	2438.70	2176.50	1803.48	1371.97	950.25
<b>52.5</b>	2075.60	2096.83	2013.89	1818.21	1514.67	1141.04	788.41
<b>55.0</b>	1601.22	1642.41	1615.35	1458.89	1211.22	923.90	645.78
<b>57.5</b>	1183.82	1243.77	1235.44	1141.76	941.69	716.90	511.90
<b>60.0</b>	857.98	911.70	916.44	859.62	714.21	548.87	398.88
<b>62.5</b>	610.59	655.76	675.86	630.26	532.54	412.73	306.66
<b>65.0</b>	438.69	470.07	479.92	456.29	387.92	305.32	227.97
<b>67.5</b>	307.37	331.56	340.87	325.82	278.22	223.28	173.91
<b>70.0</b>	217.44	228.95	235.45	230.94	200.58	161.77	125.95
<b>72.5</b>	155.51	160.58	164.81	156.12	140.20	113.39	92.13
<b>75.0</b>	111.00	111.30	112.88	107.61	96.65	81.48	70.58
<b>77.5</b>	75.11	77.48	74.74	74.57	67.68	56.47	50.53
<b>80.0</b>	47.94	50.76	51.53	47.77	45.53	39.62	34.90
<b>82.5</b>	29.61	31.37	29.89	29.40	28.52	25.76	23.16
<b>85.0</b>	14.57	14.44	15.92	14.48	14.36	13.66	12.83
<b>87.5</b>	1.94	2.30	2.90	2.84	3.23	3.30	2.92
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.01	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.01	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.01	0.00	0.01	0.00
170.0	0.00	0.00	0.01	0.01	0.00	0.01	0.00
172.5	0.00	0.01	0.00	0.00	0.00	0.00	0.00
175.0	0.01	0.01	0.00	0.00	0.00	0.00	0.01
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	761.95	N.A.	13.50
0-30	1763.63	N.A.	31.30
0-40	3144.37	N.A.	55.90
0-60	5251.47	N.A.	93.30
0-80	5613.32	N.A.	99.70
0-90	5629.3	N.A.	100.00
10-90	5440.83	N.A.	96.70
20-40	2382.42	N.A.	42.30
20-50	3718.85	N.A.	66.10
40-70	2386.16	N.A.	42.40
60-80	361.85	N.A.	6.40
70-80	82.79	N.A.	1.50
80-90	15.98	N.A.	0.30
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	0.02	N.A.	0.00
90-180	0.02	N.A.	0.00
110-180	0.02	N.A.	0.00
0-180	5629.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	188.47
10-20	573.48
20-30	1001.68
30-40	1380.74
40-50	1336.43
50-60	770.67
60-70	279.06
70-80	82.79
80-90	15.98
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

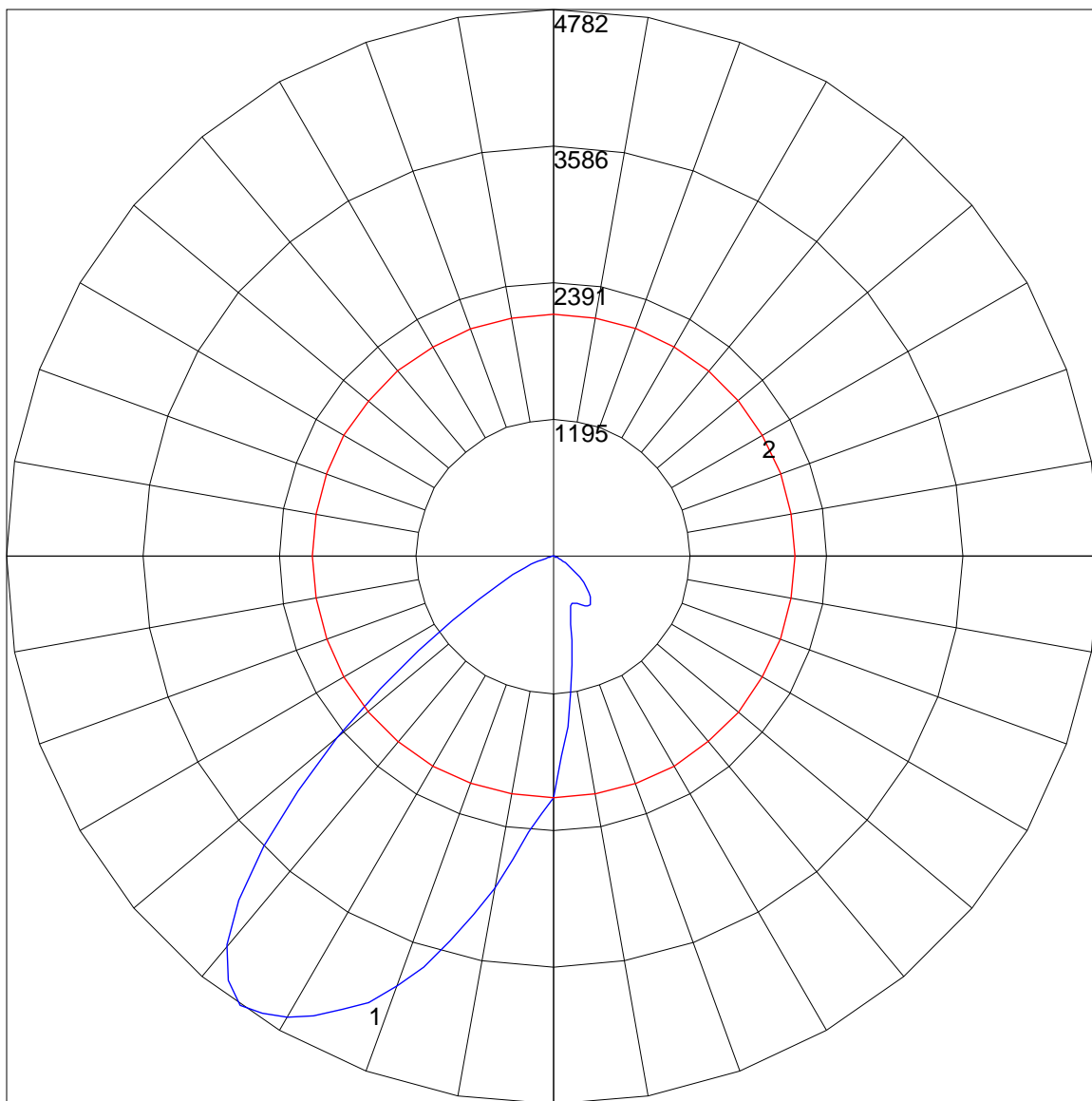
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77
3	95	85	78	73	92	84	77	72	81	76	71	78	74	70	76	72	69	67
4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
5	81	69	61	55	79	68	60	54	66	59	54	64	58	53	62	57	53	51
6	74	62	54	48	73	61	54	48	60	53	48	58	52	47	56	51	47	45
7	69	57	48	43	67	56	48	42	54	47	42	53	47	42	52	46	42	40
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	42	37	35
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

POLAR GRAPH



Maximum Candela = 4781.95 Located At Horizontal Angle = 270, Vertical Angle = 35  
# 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)