



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL726LEDHTHOWT40120-277V_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 10:59:51 2018

[TEST] 1

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL726LEDHTHOWT40120-277V

[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	10526
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	90
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL726LEDHTHOWT40120-277V_S.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	33845	30569	34048
55	16511	14518	16638
65	5861	4985	5919
75	2028	1648	2055
85	498	377	507

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL726LEDHTHOWT40120-277V_S.IES

CANDELA TABULATION

	<u>0</u>
0.0	4112.76
2.5	3893.03
5.0	3854.22
7.5	3897.43
10.0	3987.99
12.5	4068.61
15.0	4178.39
17.5	4299.56
20.0	4408.37
22.5	4491.74
25.0	4551.44
27.5	4577.00
30.0	4553.77
32.5	4498.85
35.0	4382.37
37.5	4168.74
40.0	3865.35
42.5	3481.80
45.0	3051.49
47.5	2602.72
50.0	2157.48
52.5	1728.34
55.0	1346.54
57.5	1021.43
60.0	762.39
62.5	562.06
65.0	413.02
67.5	301.79
70.0	219.44
72.5	159.85
75.0	116.11
77.5	83.68
80.0	59.10
82.5	39.04
85.0	21.05
87.5	4.88
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL726LEDHTHOWT40120-277V_S.IES

CANDELA TABULATION - (Cont.)

135.0	0.01
137.5	0.03
140.0	0.03
142.5	0.02
145.0	0.00
147.5	0.00
150.0	0.00
152.5	0.00
155.0	0.00
157.5	0.00
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL726LEDHTHOWT40120-277V_S.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1566.43	N.A.	14.90
0-30	3663.15	N.A.	34.80
0-40	6365.49	N.A.	60.50
0-60	9933.29	N.A.	94.40
0-80	10499.92	N.A.	99.80
0-90	10525.62	N.A.	100.00
10-90	10152.14	N.A.	96.50
20-40	4799.06	N.A.	45.60
20-50	7132.69	N.A.	67.80
40-70	4003.09	N.A.	38.00
60-80	566.63	N.A.	5.40
70-80	131.34	N.A.	1.20
80-90	25.70	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	0.02	N.A.	0.00
90-180	0.02	N.A.	0.00
110-180	0.02	N.A.	0.00
0-180	10525.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

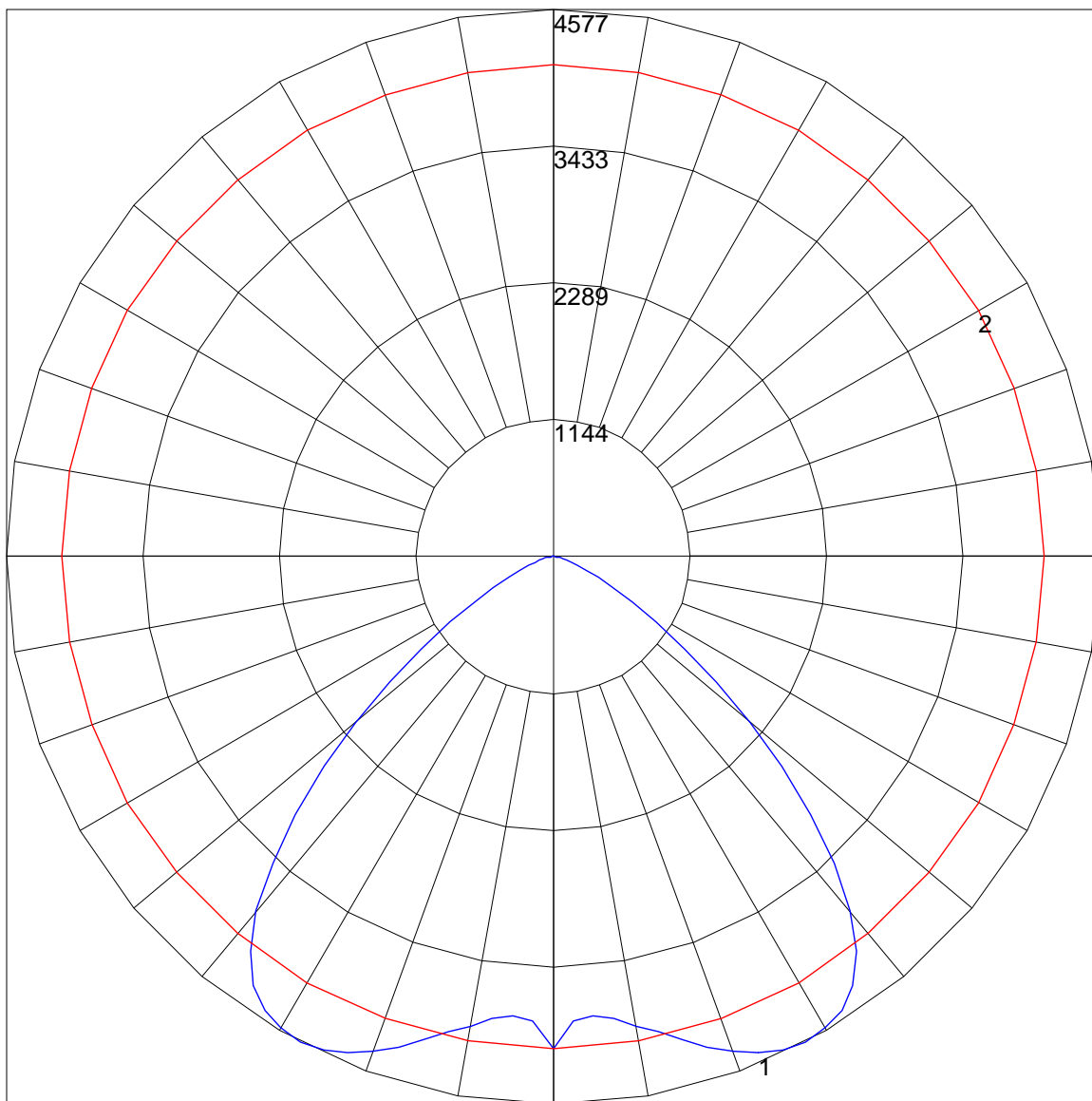
Zone	Lumens
0-10	373.48
10-20	1192.95
20-30	2096.72
30-40	2702.34
40-50	2333.63
50-60	1234.17
60-70	435.29
70-80	131.34
80-90	25.70
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.01
140-150	0.01
150-160	0.00
160-170	0.00
170-180	0.00

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	95	94	94	92	91	89
2	103	97	91	86	101	95	90	85	91	87	83	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	56	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	70	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 = 4577 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)