

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736HTHO4KTV_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4373
[TESTLAB] TUV SUD America
[ISSUE DATE] 1/26/2023 10:53:47 AM
[MANUFAC] BEGHELLI
[LUMCAT] OUTDOOR LUMINAIRE
[OTHER] FLOOD
[LUMINAIRE] BL736HTHO4KTV_P
[_AMBIENT] 24.4 deg C
[_POWERFACTOR] 0.9988
[_ATHD] 1.41%
[_CURRENT] 1.90
[_VOLTAGE] 120.14
[_STABILIZATION] 25:19.2 Stable
[_POWER VARIATION] 0.16%
[_LIGHT VARIATION] 0.49%
[_Lumens] 35230

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	35230
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	240
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.58
Spacing Criterion (90-270)	1.54
Spacing Criterion (Diagonal)	1.58
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.96 ft
Luminous Width (90-270)	0.96 ft
Luminous Height	0.33 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	110553	150095	130662
55	63638	51615	60038
65	8612	5575	8554
75	2062	1456	1834
85	440	268	401

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CANDELA TABULATION - (Cont.)

135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	13089.36913089.36913089.36913089.36913089.36913089.36913089.36913089.36913089.36913089.369									
2.5	13086.23013087.32913079.47413082.14813085.65113079.03113066.43913061.20213049.98113061.202									
5.0	13062.49413056.32913042.17113063.84413084.09913050.12813035.82313020.21612994.73513020.216									
7.5	13036.21013003.14613014.68513026.47213035.05313007.62312980.59012981.88212912.29812981.882									
10.0	13042.44412985.39612957.10512962.56712957.44512941.90512935.92012922.54512844.61912922.545									
12.5	13210.26513092.01012989.88512912.33312879.79112874.08912852.87112832.14012751.59512832.140									
15.0	13359.97413278.61313166.80812976.71412836.60512791.03912769.53812725.49012725.74112725.490									
17.5	13482.15013384.78513253.33713138.00612897.01912743.52412943.91013055.79513204.20113055.795									
20.0	14016.32013718.98913394.85013193.56913074.41913176.21513642.97813962.35614130.51713962.356									
22.5	14514.35614237.06413894.83513317.16213496.60214090.69914456.67314698.59114766.19014698.591									
25.0	14610.20214510.67314375.43813921.39214237.06414887.07514947.03514993.48514987.16114993.485									
27.5	14493.29614506.02514597.76814767.41515143.96515315.26615097.47014953.97214906.57014953.972									
30.0	14279.24014377.73914740.81215541.33715933.10915428.87415145.34714930.87214905.17714930.872									
32.5	13933.43014198.77614906.86616036.89016401.99115719.94915308.98614953.00914859.53114953.009									
35.0	13461.91813936.61515032.51116224.51316513.92216079.56415289.09414577.69514300.59514577.695									
37.5	12999.29213684.98514979.81516103.43616378.07616122.22914783.30513633.78613149.61313633.786									
40.0	12538.94513548.09514795.52415667.94615919.04215497.04113825.83012272.63611645.94012272.636									
42.5	11876.89613339.40114467.87314974.71514869.38214207.56012707.82010790.94010107.04010790.940									
45.0	10875.65612786.80113743.37013876.02013297.20212588.47711493.0479499.998 8843.106 9499.998									
47.5	9530.024 11651.89112348.97512142.18511380.55010753.52510096.1128436.259 7803.840 8436.259									
50.0	7978.813 9915.743 10228.5369776.802 9219.951 8817.207 8669.765 7495.581 6889.990 7495.581									
52.5	6350.878 7792.686 7687.670 7077.228 7076.831 6971.691 7122.964 6461.902 5798.719 6461.902									
55.0	4836.936 5661.739 5154.920 4542.528 4971.898 5048.090 5220.174 4867.880 4125.253 4867.880									
57.5	3354.731 3738.093 3130.247 2647.763 3079.683 3170.848 3405.103 3216.221 2652.479 3216.221									
60.0	1999.509 2172.250 1744.320 1443.259 1757.196 1879.463 2104.650 2048.033 1696.147 2048.033									
62.5	1093.697 1161.036 925.410 759.595 974.784 1100.078 1244.799 1240.152 1000.185 1240.152									
65.0	592.487 611.337 496.109 414.317 533.128 591.671 689.717 693.729 545.018 693.729									
67.5	318.312 319.854 277.258 251.857 292.741 303.475 379.225 373.524 295.360 373.524									
70.0	185.356 184.098 174.373 171.562 180.369 180.664 223.611 219.632 189.210 219.632									
72.5	125.600 127.527 126.733 127.141 130.054 129.918 146.864 147.181 135.574 147.181									
75.0	93.545 96.504 97.229 98.170 99.303 99.303 105.084 106.773 99.745 106.773									
77.5	69.652 72.304 73.131 74.503 74.492 74.628 76.781 77.937 73.097 77.937									
80.0	48.921 51.188 51.958 53.466 52.944 52.706 53.670 54.871 50.711 54.871									

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CANDELA TABULATION - (Cont.)

82.5	30.490	32.565	33.222	34.616	33.335	33.415	33.902	34.741	31.442	34.741
85.0	15.200	16.821	17.263	18.532	17.093	17.149	17.444	18.068	15.608	18.068
87.5	4.375	5.282	5.441	6.472	5.361	5.271	5.701	5.418	4.307	5.418
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. 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	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369
2.5	13066.439	13079.031	13085.651	13082.148	13079.474	13087.329	13086.230	13079.700	13086.853	13075.609
5.0	13035.823	13050.128	13084.099	13063.844	13042.171	13056.329	13062.494	13063.980	13079.247	13051.726
7.5	12980.590	13007.623	13035.053	13026.472	13014.685	13003.146	13036.210	13036.334	13038.363	13007.125
10.0	12935.920	12941.905	12957.445	12962.567	12957.105	12985.396	13042.444	13039.915	13031.890	12989.918
12.5	12852.871	12874.089	12879.791	12912.333	12989.885	13092.010	13210.265	13213.462	13178.255	13093.212
15.0	12769.538	12791.039	12836.605	12976.714	13166.808	13278.613	13359.974	13383.289	13363.307	13268.401
17.5	12943.910	12743.524	12897.019	13138.006	13253.337	13384.785	13482.150	13517.390	13463.210	13373.417
20.0	13642.978	13176.215	13074.419	13193.569	13394.850	13718.989	14016.320	14036.270	13911.078	13689.802
22.5	14456.673	14090.699	13496.602	13317.162	13894.835	14237.064	14514.356	14546.252	14474.821	14220.390
25.0	14947.035	14887.075	14237.064	13921.392	14375.438	14510.673	14610.202	14639.084	14632.951	14478.765
27.5	15097.470	15315.266	15143.965	14767.415	14597.768	14506.025	14493.296	14519.808	14521.293	14442.812

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CANDELA TABULATION - (Cont.)

30.0	15145.34715428.87415933.10915541.33714740.81214377.73914279.24014302.68114311.66914301.717
32.5	15308.98615719.94916401.99116036.89014906.86614198.77613933.43013932.64813984.66314098.259
35.0	15289.09416079.56416513.92216224.51315032.51113936.61513461.91813443.54413522.85313798.592
37.5	14783.30516122.22916378.07616103.43614979.81513684.98512999.29212977.46213037.15113505.862
40.0	13825.83015497.04115919.04215667.94614795.52413548.09512538.94512474.17812577.40313395.678
42.5	12707.82014207.56014869.38214974.71514467.87313339.40111876.89611737.91011981.87813257.496
45.0	11493.04712588.47713297.20213876.02013743.37012786.80110875.65610625.85111055.53812640.356
47.5	10096.11210753.52511380.55012142.18512348.97511651.8919530.024 9131.439 9735.590 11368.172
50.0	8669.765 8817.207 9219.951 9776.802 10228.5369915.743 7978.813 7466.076 8135.187 9530.511
52.5	7122.964 6971.691 7076.831 7077.228 7687.670 7792.686 6350.878 5845.509 6435.650 7408.666
55.0	5220.174 5048.090 4971.898 4542.528 5154.920 5661.739 4836.936 4397.852 4882.751 5352.041
57.5	3405.103 3170.848 3079.683 2647.763 3130.247 3738.093 3354.731 3028.734 3398.234 3471.660
60.0	2104.650 1879.463 1757.196 1443.259 1744.320 2172.250 1999.509 1810.798 2030.600 1974.357
62.5	1244.799 1100.078 974.784 759.595 925.410 1161.036 1093.697 990.528 1108.205 1043.767
65.0	689.717 591.671 533.128 414.317 496.109 611.337 592.487 538.512 601.068 544.326
67.5	379.225 303.475 292.741 251.857 277.258 319.854 318.312 294.952 317.893 284.342
70.0	223.611 180.664 180.369 171.562 174.373 184.098 185.356 176.957 183.146 169.930
72.5	146.864 129.918 130.054 127.141 126.733 127.527 125.600 123.707 126.019 121.848
75.0	105.084 99.303 99.303 98.170 97.229 96.504 93.545 93.058 94.135 92.514
77.5	76.781 74.628 74.492 74.503 73.131 72.304 69.652 69.346 70.014 68.688
80.0	53.670 52.706 52.944 53.466 51.958 51.188 48.921 48.569 49.079 47.583
82.5	33.902 33.415 33.335 34.616 33.222 32.565 30.490 30.037 30.400 29.164
85.0	17.444 17.149 17.093 18.532 17.263 16.821 15.200 14.848 14.871 13.953
87.5	5.701 5.271 5.361 6.472 5.441 5.282 4.375 4.375 4.205 3.774
90.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
92.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
95.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
97.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
100.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
102.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
105.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
107.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
110.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
112.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
115.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
117.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
120.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
122.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
125.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
127.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
130.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
132.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
135.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
137.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
140.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
142.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
145.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
147.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
150.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
152.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
155.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
157.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
160.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
162.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
165.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
167.5	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736HTHO4KTV_P.IES

CANDELA TABULATION - (Cont.)

170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369	13089.369
2.5	13072.457	13078.090	13103.492	13097.020	13082.296	13082.784	13089.857
5.0	13046.716	13049.675	13064.194	13055.059	13044.099	13033.273	13071.505
7.5	13011.023	13007.056	13021.282	13010.967	13009.584	12970.354	13029.397
10.0	12955.755	12945.124	12967.317	12947.198	12949.000	12916.730	12971.352
12.5	12966.160	12905.656	12879.733	12850.014	12803.360	12768.279	12802.283
15.0	13128.938	12930.071	12753.057	12661.767	12623.093	12578.401	12607.633
17.5	13256.488	13013.789	12679.585	12530.693	12594.144	12677.376	12688.302
20.0	13311.972	13035.507	12784.374	12753.284	13217.610	13654.381	13744.934
22.5	13637.572	13129.131	13207.952	13749.684	14180.107	14461.763	14511.726
25.0	14125.927	13719.737	14105.264	14637.258	14681.022	14748.033	14769.342
27.5	14349.175	14815.009	15009.263	15157.499	14820.132	14741.877	14825.131
30.0	14510.049	15718.022	15797.105	15262.798	14939.622	14767.347	14880.660
32.5	14848.436	16147.743	16210.696	15574.196	15241.103	14954.199	14985.426
35.0	15103.715	16235.236	16436.257	16126.343	15405.014	14722.167	14743.441
37.5	15131.259	16021.803	16484.678	16264.275	14960.490	13732.431	13664.616
40.0	14946.616	15603.292	16158.557	15723.610	13860.764	12227.886	12136.460
42.5	14472.407	14930.555	15107.490	14264.822	12616.383	10680.167	10470.657
45.0	13549.762	13702.440	13318.126	12555.573	11246.143	9222.808	8990.480
47.5	12018.205	11675.637	11193.084	10496.783	9716.264	7915.917	7633.864
50.0	9885.786	9048.888	8858.069	8497.478	8310.942	6957.988	6659.896
52.5	7350.678	6246.089	6677.998	6860.328	7075.732	6205.544	5926.563
55.0	4857.089	3833.690	4767.058	5269.854	5540.039	4894.040	4661.520
57.5	2889.249	2134.188	3069.811	3445.919	3705.280	3247.063	3084.603
60.0	1550.009	1123.189	1734.096	1974.936	2215.798	1972.669	1884.847
62.5	789.031	585.335	923.257	1089.718	1223.354	1103.308	1061.359
65.0	415.020	337.400	488.752	547.319	626.446	561.498	542.184
67.5	239.208	217.196	258.907	270.582	329.250	309.007	303.657
70.0	159.389	152.871	163.526	169.930	203.390	202.653	203.390
72.5	120.295	115.013	122.041	126.824	141.967	141.842	145.232
75.0	92.344	88.184	94.112	97.252	102.942	101.604	104.642
77.5	68.575	65.469	70.275	72.270	74.390	72.633	76.203
80.0	47.504	45.078	48.569	49.918	50.666	49.317	52.423
82.5	28.971	27.045	29.969	30.479	31.068	29.833	32.293
85.0	13.704	12.355	14.078	14.463	14.848	13.602	16.277
87.5	3.718	2.947	3.604	3.718	4.092	3.208	4.851
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736HTHO4KTV_P.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	4946.34	N.A.	14.00
0-30	11626.74	N.A.	33.00
0-40	20926.42	N.A.	59.40
0-60	34394.29	N.A.	97.60
0-80	35208.86	N.A.	99.90
0-90	35229.71	N.A.	100.00
10-90	33986.72	N.A.	96.50
20-40	15980.08	N.A.	45.40
20-50	24991.55	N.A.	70.90
40-70	14172.76	N.A.	40.20
60-80	814.57	N.A.	2.30
70-80	109.67	N.A.	0.30
80-90	20.85	N.A.	0.10
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	35229.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1242.99
10-20	3703.35
20-30	6680.4
30-40	9299.68
40-50	9011.47
50-60	4456.4
60-70	704.89
70-80	109.67
80-90	20.85
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736HTHO4KTV_P.IES

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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	92	90
2	104	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	81	79
3	96	87	81	75	94	86	80	75	83	78	73	80	76	72	78	74	71	69
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
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	62	55	50	60	54	49	58	53	49	47
7	71	58	50	45	69	58	50	45	56	49	44	55	49	44	53	48	44	42
8	66	53	45	40	64	53	45	40	51	44	40	50	44	39	49	43	39	37
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	39	35	34
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	42	36	32	30

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736HTHO4KTV_P.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

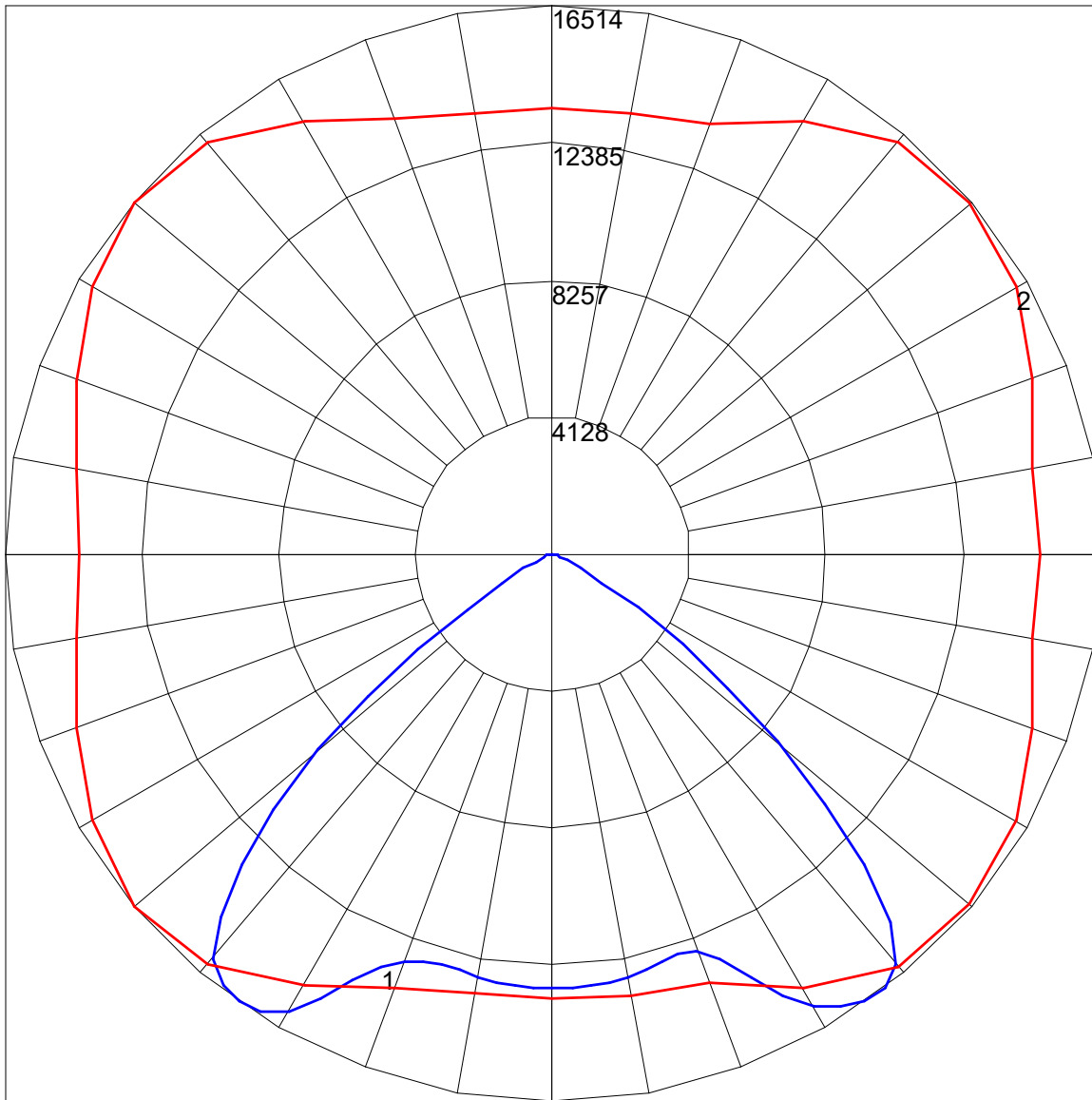
X=2H	Y=2H	24.0	25.4	24.4	25.8	26.1	23.9	25.3	24.3	25.6	25.9
	3H	24.0	25.2	24.3	25.5	25.9	23.8	25.1	24.2	25.4	25.7
	4H	23.9	25.0	24.3	25.4	25.8	23.8	24.9	24.2	25.3	25.6
	6H	23.8	24.9	24.2	25.2	25.6	23.7	24.7	24.1	25.1	25.5
	8H	23.8	24.8	24.2	25.2	25.6	23.6	24.6	24.1	25.0	25.4
	12H	23.7	24.7	24.2	25.1	25.5	23.6	24.6	24.0	24.9	25.4

UGR Viewed Endwise

4H	2H	23.9	25.0	24.3	25.4	25.8	23.7	24.9	24.1	25.2	25.6
	3H	23.8	24.7	24.2	25.1	25.5	23.7	24.6	24.1	25.0	25.4
	4H	23.7	24.5	24.1	24.9	25.4	23.6	24.4	24.0	24.8	25.3
	6H	23.6	24.3	24.1	24.8	25.3	23.5	24.2	24.0	24.7	25.1
	8H	23.6	24.2	24.1	24.7	25.2	23.5	24.1	23.9	24.6	25.0
	12H	23.5	24.1	24.0	24.6	25.1	23.4	24.0	23.9	24.5	24.9
8H	4H	23.6	24.2	24.0	24.7	25.2	23.5	24.1	23.9	24.6	25.0
	6H	23.5	24.0	24.0	24.5	25.0	23.4	23.9	23.9	24.4	24.9
	8H	23.4	23.9	23.9	24.4	24.9	23.3	23.8	23.8	24.3	24.8
	12H	23.4	23.8	23.9	24.3	24.9	23.2	23.7	23.8	24.2	24.7
12H	4H	23.5	24.1	24.0	24.6	25.1	23.4	24.0	23.9	24.5	24.9
	6H	23.4	23.9	23.9	24.4	24.9	23.3	23.8	23.8	24.3	24.8
	8H	23.4	23.8	23.9	24.3	24.9	23.2	23.7	23.8	24.2	24.7

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 16513.922 Located At Horizontal Angle = 140, Vertical Angle = 35
1 - Vertical Plane Through Horizontal Angles (140 - 320) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)