



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Photopia 2017.2.1 see: www.ltioptics.com/ies

[ISSUEDATE]

[TESTDATE] Thu Oct 26 18:01:58 2017

[TEST] 1

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL736LEDHTHOWT30ASYM120-277V

[LAMP] LED 0.1885W Nichia Warm White LED (65mA)

[LAMPCAT] NFSL757DT-V1

[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	22834
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.34
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.39 ft
Luminous Width (90-270)	1.37 ft
Luminous Height	0.40 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8241	9881	33854
55	4415	6455	16953
65	2090	2817	6439
75	1250	1309	2603
85	581	491	714

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093
2	7897.683	7791.440	7845.747	7927.291	7783.430	7946.312	8141.478	7934.642	8006.129	8103.732
4	6716.007	6898.932	6911.793	7022.690	6784.493	7096.411	6935.793	7168.056	7416.723	7287.219
6	5770.216	6071.861	6024.334	5992.304	6080.668	6195.510	6322.151	6487.620	6705.714	6673.350
8	5141.961	5108.200	5169.887	5280.548	5310.146	5339.076	5608.594	5722.541	5867.927	6154.536
10	4299.805	4320.164	4401.865	4441.855	4569.253	4734.408	4824.857	5011.817	5205.803	5451.773
12	3647.078	3568.693	3670.960	3718.379	3850.648	3907.307	4172.131	4408.487	4582.183	4868.429
14	2935.833	2987.562	3017.092	3116.466	3180.642	3380.571	3509.918	3758.132	4057.770	4368.183
16	2460.433	2463.818	2541.387	2643.723	2724.322	2853.177	2990.042	3182.817	3498.287	3834.432
18	2090.695	2121.721	2159.870	2197.902	2305.178	2447.818	2586.818	2793.428	3073.829	3389.634
20	1849.497	1851.170	1894.692	1931.021	2026.420	2111.280	2288.450	2449.107	2651.014	2968.157
22	1701.641	1733.503	1734.369	1776.917	1838.014	1873.753	2023.645	2167.427	2377.895	2599.708
24	1640.003	1664.387	1697.646	1685.336	1752.642	1766.605	1858.343	1976.207	2157.853	2356.729
26	1655.551	1677.789	1664.682	1687.245	1726.841	1733.838	1763.446	1864.237	1979.493	2179.511
28	1661.750	1726.684	1696.819	1694.655	1719.166	1732.745	1735.304	1783.766	1880.247	2048.373
30	1720.062	1752.917	1780.184	1758.142	1744.061	1750.979	1777.999	1797.729	1861.551	1972.861
32	1773.611	1802.796	1803.465	1824.129	1823.785	1806.595	1796.902	1821.443	1883.327	1940.920
34	1814.732	1839.470	1835.839	1818.235	1838.102	1859.475	1847.007	1859.288	1862.801	1911.804
36	1820.764	1814.634	1839.116	1827.534	1865.172	1866.087	1890.175	1911.145	1894.436	1918.308
38	1764.538	1781.522	1804.115	1816.700	1828.134	1842.638	1863.844	1866.983	1893.000	1928.305
40	1655.452	1706.984	1703.058	1744.947	1756.224	1803.721	1848.474	1854.614	1908.488	1875.622
42	1565.023	1575.404	1600.289	1615.236	1656.485	1696.564	1741.611	1816.582	1837.945	1862.820
44	1404.660	1426.062	1448.674	1466.987	1520.693	1579.261	1651.615	1702.704	1753.596	1789.867
46	1252.721	1285.301	1308.454	1335.977	1393.993	1447.366	1522.947	1596.776	1653.396	1698.187
48	1132.771	1133.499	1156.357	1190.670	1240.057	1302.816	1349.645	1442.544	1519.916	1569.569
50	990.534	967.705	1009.495	1048.206	1087.123	1128.097	1214.974	1280.578	1374.363	1438.372
52	836.331	843.209	866.323	889.526	933.639	997.855	1051.807	1135.172	1199.270	1277.143
54	698.118	702.399	729.311	745.911	790.683	848.326	907.455	990.121	1032.679	1120.264
56	566.223	590.410	610.060	634.168	662.212	712.259	759.609	824.494	894.023	956.911
58	495.228	491.734	494.037	527.434	553.097	585.431	629.111	695.344	761.370	809.576
60	401.639	413.782	410.899	430.028	451.863	491.410	526.371	568.880	620.363	661.927
62	339.510	343.150	348.375	364.808	377.630	415.100	443.607	476.207	516.000	536.959
64	267.048	281.011	288.194	306.447	313.306	328.951	367.150	393.088	414.205	445.083
66	238.039	244.888	246.020	246.197	267.195	273.503	307.864	318.413	342.412	345.896
68	195.816	202.586	206.483	219.471	225.316	232.214	244.170	266.192	276.169	290.870
70	163.403	168.697	179.954	177.386	186.340	196.554	204.308	211.855	227.894	244.278
72	150.768	145.829	155.679	154.114	163.226	160.835	176.776	178.271	191.673	197.686
74	126.503	132.919	129.219	133.804	137.544	141.607	151.123	146.872	160.146	164.407
76	110.513	116.023	114.410	117.834	112.648	123.256	127.507	136.343	131.728	138.400
78	96.422	95.478	99.118	104.206	102.562	104.599	111.064	109.431	114.508	118.464
80	87.399	86.218	85.647	90.774	88.176	92.161	89.072	97.367	96.924	96.176
82	74.558	77.264	72.403	74.203	77.579	76.811	76.988	78.956	80.216	83.788
84	50.292	51.365	53.835	53.087	54.976	51.257	55.222	55.084	54.563	57.348
86	26.214	26.430	26.755	28.920	26.962	27.336	25.141	26.007	30.593	28.418
88	3.838	4.644	4.241	4.467	3.887	4.271	4.143	3.985	5.373	4.162
90	0.433	0.108	0.000	0.128	0.000	0.177	0.118	0.157	0.000	0.010

Vert. Angles **Horizontal Angles**

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093
2	8247.022	8080.825	8168.460	8181.576	8174.905	8434.159	8585.676	8728.366	8575.442	8556.274
4	7507.044	7553.519	7630.310	7905.112	7996.004	8179.795	8064.835	8327.317	8489.401	8598.153
6	6930.115	7035.817	7262.993	7332.827	7647.510	7823.942	7911.468	8301.428	8462.243	8544.495

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

CANDELA TABULATION - (Cont.)

8	6416.428	6590.124	6740.056	7009.052	7358.195	7746.894	7966.149	8243.047	8447.286	8842.392
10	5791.352	6138.743	6431.198	6832.227	7167.269	7498.159	7799.322	8197.586	8504.269	8974.740
12	5262.147	5664.721	5945.545	6464.683	6875.631	7343.651	7751.047	8180.002	8693.896	8977.760
14	4735.412	5088.185	5569.430	6120.146	6555.044	7026.626	7558.970	8099.245	8635.850	9107.452
16	4250.329	4695.382	5125.302	5717.139	6260.218	6797.807	7535.285	8121.651	8724.548	9320.930
18	3770.924	4191.014	4724.292	5396.571	5994.774	6671.786	7383.602	8015.153	8685.581	9276.316
20	3347.047	3847.302	4354.043	4946.981	5713.557	6418.957	7236.513	8017.475	8877.087	9469.977
22	3008.118	3445.998	3988.615	4653.838	5331.332	6180.760	7031.497	7864.778	8819.277	9603.535
24	2696.101	3124.702	3602.227	4301.251	5023.222	5983.468	6851.031	7826.697	8810.047	9657.517
26	2454.883	2828.105	3339.155	4004.427	4750.890	5704.445	6718.398	7684.469	8719.155	9702.339
28	2298.044	2614.655	3057.751	3694.084	4453.702	5386.456	6447.739	7532.491	8625.439	9634.728
30	2128.441	2431.277	2803.593	3386.446	4134.217	5079.133	6146.458	7309.546	8499.920	9542.773
32	2044.526	2298.280	2627.093	3123.275	3853.019	4780.666	5858.116	7065.101	8320.301	9445.889
34	2023.291	2171.107	2446.677	2932.970	3560.014	4550.941	5540.363	6879.695	8147.176	9359.985
36	2011.070	2094.119	2335.406	2701.011	3292.671	4174.532	5228.405	6537.903	7816.690	9145.611
38	1964.694	2026.017	2199.447	2520.536	3035.463	3786.098	4887.449	6160.145	7425.835	8763.603
40	1942.455	1988.772	2057.888	2327.721	2748.529	3493.495	4481.402	5708.450	6992.314	8239.938
42	1884.970	1915.878	1984.974	2179.166	2512.221	3114.419	4054.287	5174.413	6479.109	7620.401
44	1826.127	1842.953	1860.232	1976.521	2248.863	2836.390	3613.848	4662.586	5794.697	6976.816
46	1719.117	1736.061	1739.604	1816.976	2038.710	2477.259	3211.579	4117.135	5165.370	6269.281
48	1613.081	1633.253	1624.761	1672.741	1820.646	2190.453	2784.267	3595.546	4546.769	5501.770
50	1477.889	1486.440	1470.903	1490.386	1618.395	1908.675	2380.650	3086.424	3914.362	4743.008
52	1314.575	1334.776	1344.941	1336.498	1407.779	1623.649	2020.103	2587.153	3271.662	3970.509
54	1170.744	1181.213	1179.895	1176.264	1209.464	1377.541	1719.904	2151.290	2682.423	3298.880
56	992.216	1014.347	1021.953	1001.505	1035.001	1166.138	1404.581	1742.329	2198.335	2654.133
58	837.945	866.471	866.392	847.864	867.878	965.796	1152.599	1409.718	1743.343	2121.160
60	699.870	722.905	722.738	728.613	740.214	799.756	921.132	1150.198	1399.819	1683.654
62	578.326	594.011	602.710	595.625	610.641	669.907	770.029	905.713	1097.495	1309.684
64	479.916	498.731	502.234	502.145	505.097	556.885	615.945	732.362	876.163	1036.536
66	386.742	405.585	414.018	405.280	424.753	449.580	499.449	586.149	690.433	818.452
68	318.117	321.384	337.355	350.648	352.764	380.257	415.602	471.749	544.565	636.343
70	255.889	264.165	271.289	282.339	286.580	307.864	340.533	386.564	439.917	510.666
72	212.711	213.380	219.068	226.330	239.545	249.198	277.449	307.520	343.593	400.144
74	175.733	174.827	181.164	186.015	191.664	203.019	219.826	246.403	279.003	313.837
76	141.775	147.846	146.586	151.949	162.675	166.080	178.134	200.037	219.127	245.715
78	115.177	114.912	125.125	129.160	128.264	138.400	144.510	159.162	170.616	189.263
80	96.934	103.369	100.771	105.485	105.564	109.155	118.572	119.113	132.899	143.142
82	82.184	78.700	81.603	84.211	80.580	86.799	88.924	92.093	97.908	104.639
84	55.921	55.320	53.284	59.079	61.766	57.072	61.234	63.271	64.905	65.338
86	27.316	26.361	27.837	31.340	32.590	29.658	33.584	29.077	30.455	33.269
88	4.182	3.867	4.015	4.517	3.572	5.432	4.920	4.674	5.609	5.619
90	0.108	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>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093
2	8809.841	9016.314	8687.303	8814.574	9055.526	8973.588	9063.949	9209.650	9200.823	9405.387
4	8707.278	8873.181	8850.441	9111.230	9151.446	9270.077	9256.724	9340.827	9434.425	9369.825
6	8834.913	9017.386	9156.169	9406.056	9681.566	9620.982	9917.500	9841.831	9888.295	9860.792
8	9038.454	9350.628	9438.981	9667.810	9884.802	9920.383	10162.831	10283.164	10474.119	10623.422
10	9209.158	9480.693	9781.915	10109.665	10218.732	10377.373	10715.869	10725.728	11001.908	11039.585
12	9366.066	9845.137	10016.392	10252.975	10566.881	10886.101	11043.993	11223.298	11424.890	11468.186
14	9519.925	10010.842	10361.717	10645.788	10902.032	11232.144	11496.318	11724.941	11911.635	12072.982
16	9743.529	10217.817	10598.399	10916.300	11345.776	11663.844	11919.537	12114.221	12396.806	12438.656
18	9866.234	10491.959	10968.186	11298.780	11824.610	12033.159	12360.644	12632.809	12921.583	13034.655

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

CANDELA TABULATION - (Cont.)

20	10123.32310751.04711244.95611695.46012051.55012521.30212740.41913052.11113325.33813541.602
22	10272.70410944.32411504.33811999.04412518.97012864.49213297.19613469.85813809.05314061.675
24	10423.82711094.16711791.50812356.80712831.59713256.90113669.74813996.84914395.71414713.949
26	10484.92411313.73711929.52412611.32813102.32413627.17014023.17114555.09214905.18015264.960
28	10608.63211330.60312198.77612907.85713430.09514070.38414558.99915015.76215475.63415794.549
30	10576.72111434.82812283.94113126.29513729.49714308.90514956.73215544.27815935.45716471.688
32	10574.39911513.66612391.34513227.68613961.99614602.66915406.70516020.43616505.49816979.521
34	10464.30911416.57512414.75413396.69814226.04315007.82115749.79616383.58117056.85317467.565
36	10186.09311325.97812319.42513319.80814276.49215216.31115904.79616601.73417241.86517719.626
38	9850.05711054.24612115.23513127.06214168.45915073.15816026.86116717.91417327.63017710.377
40	9428.127110581.46411663.47012789.71713844.97914834.35115726.36716508.69617034.49717359.138
42	8852.3509977.53411063.31912294.79513345.26414353.04815256.47815896.63916424.67316685.797
44	8114.1829240.11410371.04511544.59312663.58813661.04914552.21915164.08015498.23715662.348
46	7297.6498439.7399495.13810702.82111815.87212778.09613601.61614063.71214354.45514334.519
48	6471.6407503.2178637.6219715.75110723.73111738.92412406.87312816.44312980.38712902.238
50	5599.9546555.3987548.0088650.2569599.98310435.15311063.53511380.86611428.79611282.357
52	4723.3585547.3796504.8017480.4278404.4829111.0049613.5629786.0679775.2739614.477
54	3948.0644678.1135469.1416338.9087145.1697735.0278157.5778245.2518155.6787909.510
56	3217.4933803.6134504.0445242.9885918.3766477.2596681.5876775.6776643.4176361.964
58	2568.5253062.1003668.0674287.6624835.1405257.8175480.8805433.4325293.0355041.406
60	2045.0472419.6072910.0523392.4483829.6304183.4174300.5724287.7014152.5003931.995
62	1583.6591902.8102275.9132658.1883022.0413261.3993337.1383303.0133155.4223001.210
64	1230.0491487.6411792.6812080.1272336.0062497.2642566.7742512.2412424.3692298.998
66	974.9671153.2481362.0041578.5031779.4661895.9521914.5791891.5731837.6501739.299
68	755.446898.1761058.9911217.9261342.0871412.9751459.6071428.2961394.3771310.186
70	593.667687.944812.223920.1881013.1761063.5071087.9601070.6021051.2561017.840
72	462.992530.711606.439695.166745.813781.690818.708812.115783.973768.317
74	356.356414.185465.393515.035560.969592.781604.392598.518595.832575.856
76	277.281311.229350.550379.411418.908425.482451.863440.842439.297443.479
78	202.615229.557249.414283.795304.204318.354330.408335.101319.770319.564
80	157.283169.868188.721204.328214.827224.421228.318237.174238.138233.336
82	111.841117.332129.219133.667141.174153.632155.590157.627158.148164.190
84	72.94474.61779.83284.05392.64492.03493.49095.53799.41495.399
86	32.76739.92137.54941.18040.39342.84340.88541.47642.55842.912
88	4.7436.2985.5505.5506.0426.1805.9935.4125.0685.225
90	0.0000.0000.0000.0000.0000.0000.0000.0980.0300.000

Vert.
Angles

Horizontal Angles

	150	155	160	165	170	175	180
0	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093	8817.093
2	9299.715	9021.814	9307.361	9251.942	8956.821	9333.221	9543.039
4	9737.182	9490.769	9628.106	9717.650	9934.090	9908.083	9624.908
6	10131.85510214.24510267.83410259.89310233.95510245.79210418.907						
8	10560.07210641.85210739.14010771.28710798.26910921.17011065.041						
10	11117.36011293.00411397.59411384.29011453.42611387.27111611.899						
12	11642.12711682.34411775.30212017.15011882.79412057.16912097.119						
14	12084.43512308.64012408.06312415.85712445.90812485.16012653.079						
16	12749.02912795.44412911.68413012.32812988.50513124.15913022.237						
18	13180.11913289.87513555.82113541.87713648.65113676.14413704.857						
20	13690.63813957.73514098.91014156.33614274.20014355.35014340.187						
22	14216.08514564.70614633.60614810.97214918.57214964.98714994.202						
24	14919.00515108.29715320.98915467.21115591.69715763.86715563.377						
26	15506.51215709.95415952.24416118.03916301.69216331.24216408.387						
28	16209.33416402.93616680.00116859.05916982.98417034.57617009.966						
30	16786.88317016.18517288.91017361.32317592.53317634.17617503.028						

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

CANDELA TABULATION - (Cont.)

32	17317.05217610.34317722.77517949.53818075.52018106.30918180.670
34	17716.50718026.60518283.66518412.40218380.86518425.44018402.385
36	18012.19918283.39018422.18318413.30718455.75718503.54018472.377
38	17979.19618106.41718147.14518173.27018162.81018103.45518179.597
40	17532.27317696.70917593.57617502.73317355.70417189.78217370.100
42	16741.88516741.75716486.83216400.11216246.78516095.01316065.513
44	15659.29815471.50115176.14414972.12114718.45614606.21114558.241
46	14242.06213996.54413676.23313312.25113101.33112949.60812839.921
48	12709.74812337.97311986.46811631.77611352.34911116.63211123.323
50	10947.22710628.49910201.5719850.972 9530.463 9373.328 9328.901
52	9227.421 8847.016 8426.455 8116.475 7877.461 7710.870 7595.181
54	7585.007 7187.815 6853.609 6538.749 6274.161 6156.642 6052.289
56	6086.591 5723.603 5433.245 5146.114 4929.279 4835.042 4765.217
58	4783.637 4484.059 4220.907 3995.778 3807.145 3742.654 3670.605
60	3666.768 3465.038 3246.767 3095.516 2936.669 2855.962 2842.235
62	2833.123 2654.232 2481.087 2364.218 2253.704 2179.157 2149.391
64	2166.975 2019.827 1895.282 1798.811 1748.037 1702.104 1660.825
66	1625.017 1555.202 1477.250 1412.276 1337.876 1304.351 1293.803
68	1250.890 1196.770 1132.879 1081.219 1033.367 1014.996 1006.888
70	958.987 917.836 879.991 838.565 800.937 800.287 790.792
72	731.043 708.510 679.167 642.955 628.422 612.894 622.085
74	563.862 552.486 518.952 500.708 491.410 484.472 472.172
76	431.878 401.393 391.721 378.653 372.680 366.865 362.663
78	317.438 305.483 294.797 282.910 282.211 272.952 269.793
80	225.621 220.160 215.250 215.939 207.289 199.614 208.824
82	155.925 150.463 152.569 153.238 146.616 141.430 141.047
84	99.069 96.619 87.645 96.540 90.813 90.518 93.805
86	44.457 44.260 41.623 43.965 42.430 41.869 41.850
88	5.776 5.196 4.851 5.058 5.560 5.717 5.560
90	0.000 0.000 0.089 0.000 0.000 0.000 0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3100.89	N.A.	13.60
0-30	7056.6	N.A.	30.90
0-40	12685.92	N.A.	55.60
0-60	21327.2	N.A.	93.40
0-80	22769.43	N.A.	99.70
0-90	22834.48	N.A.	100.00
10-90	22041.88	N.A.	96.50
20-40	9585.03	N.A.	42.00
20-50	15098.26	N.A.	66.10
40-70	9749.04	N.A.	42.70
60-80	1442.23	N.A.	6.30
70-80	334.47	N.A.	1.50
80-90	65.05	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	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	22834.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	792.60
10-20	2308.29
20-30	3955.71
30-40	5629.32
40-50	5513.23
50-60	3128.05
60-70	1107.76
70-80	334.47
80-90	65.05
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 : BL736LEDHTHOWT30ASYM120-277V_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	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	80	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	47	58	52	47	56	51	47	45
7	69	56	48	43	67	56	48	42	54	47	42	53	47	42	51	46	42	40
8	64	51	43	38	63	51	43	38	50	43	38	48	42	37	47	41	37	35
9	60	47	39	34	59	47	39	34	45	39	34	44	38	34	43	38	34	32
10	56	43	36	31	55	43	36	31	42	35	31	41	35	30	40	34	30	29

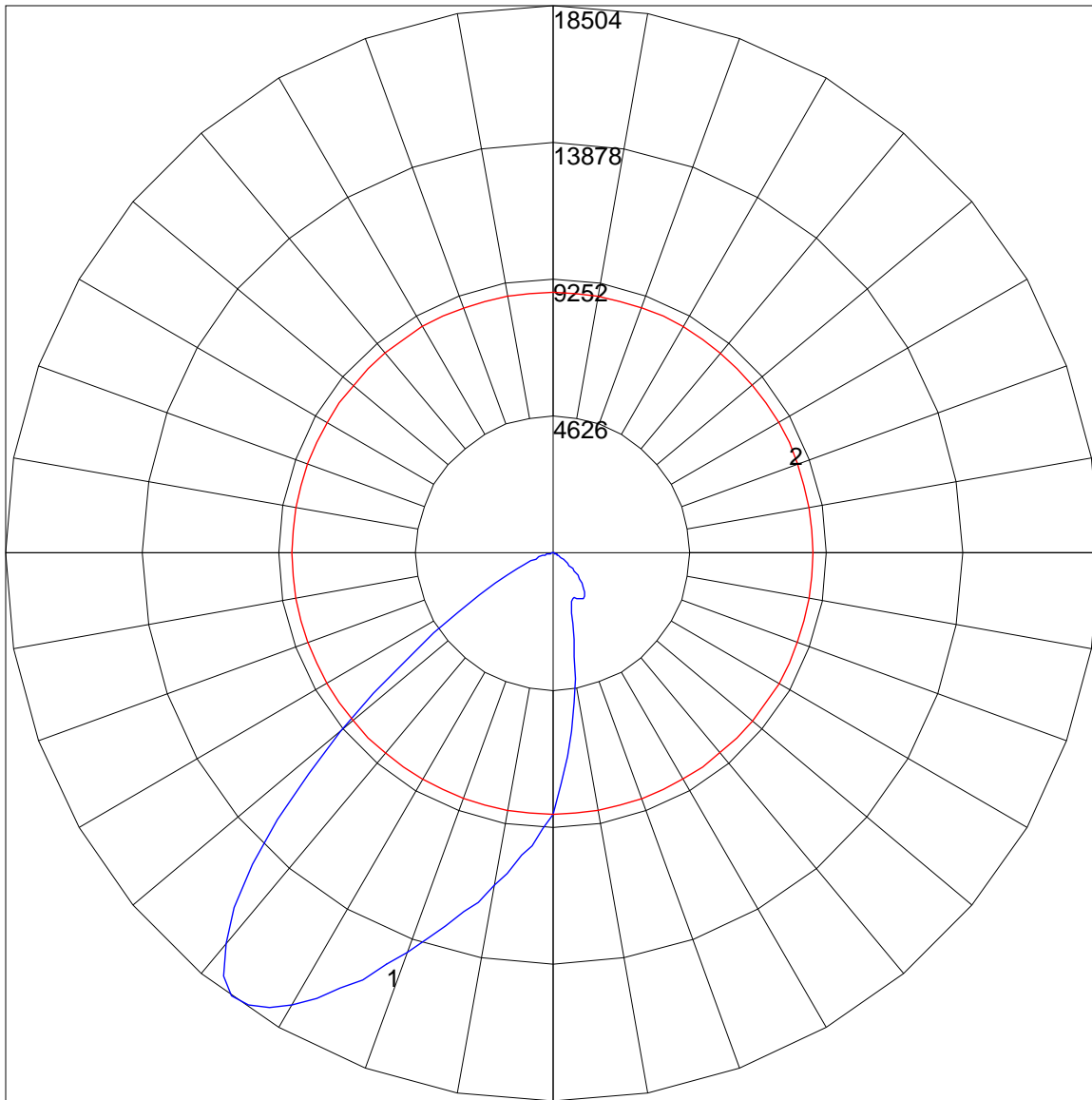
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT30ASYM120-277V_P.IES

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					UGR Viewed Endwise				
X=2H	Y=2H	10.9	11.9	10.9	12.2	12.5	21.1	22.6	21.5	22.9	23.3
	3H	11.0	12.3	11.3	12.6	13.0	21.3	22.6	21.7	22.9	23.3
	4H	11.1	12.4	11.5	12.7	13.1	21.3	22.5	21.7	22.9	23.2
	6H	11.3	12.4	11.7	12.8	13.2	21.3	22.4	21.7	22.8	23.1
	8H	11.3	12.4	11.8	12.8	13.2	21.2	22.3	21.7	22.7	23.1
	12H	11.3	12.4	11.8	12.7	13.2	21.2	22.2	21.6	22.6	23.0
4H	2H	10.9	12.1	11.3	12.5	12.8	21.5	22.7	21.9	23.0	23.4
	3H	11.6	12.6	12.0	13.0	13.4	21.7	22.7	22.1	23.1	23.5
	4H	11.8	12.7	12.2	13.1	13.5	21.8	22.6	22.2	23.0	23.5
	6H	12.0	12.8	12.5	13.2	13.7	21.7	22.5	22.2	22.9	23.4
	8H	12.1	12.8	12.6	13.2	13.7	21.7	22.4	22.2	22.8	23.3
	12H	12.1	12.8	12.6	13.2	13.7	21.7	22.3	22.1	22.8	23.2
8H	4H	11.9	12.6	12.4	13.1	13.5	21.7	22.4	22.2	22.9	23.3
	6H	12.2	12.8	12.7	13.3	13.7	21.7	22.3	22.2	22.8	23.2
	8H	12.3	12.8	12.8	13.3	13.8	21.6	22.2	22.2	22.7	23.2
	12H	12.4	12.8	12.9	13.3	13.9	21.6	22.1	22.1	22.6	23.1
12H	4H	11.9	12.5	12.4	13.0	13.5	21.7	22.3	22.1	22.8	23.3
	6H	12.2	12.7	12.7	13.2	13.7	21.6	22.2	22.2	22.6	23.2
	8H	12.3	12.8	12.9	13.3	13.9	21.6	22.1	22.1	22.6	23.1

Maximum UGR = 23.5

POLAR GRAPH



Maximum Candela = 18503.54 Located At Horizontal Angle = 175, Vertical Angle = 36
1 - Vertical Plane Through Horizontal Angles (175 - 355) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)