

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4565
[TESTLAB] TUV SUD America
[ISSUEDATE] 8/28/2024 10:19:48 AM
[MANUFAC] BEGHELLI NORTH AMERICA
[LUMCAT] INDOOR LUMINAIRES / HIGH-BAY LUMINAIRE
[LUMINAIRE] BX9604HTHO35K[120-480V] [CR; RW] [FP; REM; SP] [OS] [CC]
[AMBIENT] 24.5 deg C
[POWERFACTOR] 0.9977
[ATHD] 4.87%
[CURRENT] 0.67
[VOLTAGE] 120.28
[STABILIZATION] 47:55.8 Stable
[POWER VARIATION] 0.50%
[LIGHT VARIATION] 0.48%
[Lumens] 10386

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10386
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	80
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.42 ft
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	23579	22943	22529
55	21478	20341	19593
65	18552	16902	15505
75	14716	12245	9090
85	8056	4230	3655

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

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>
0.0	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596
2.5	4033.273	4039.797	4037.853	4031.459	4014.783	4014.330	4027.508	4023.297	4025.101	4039.843
5.0	4029.775	4031.885	4027.600	4022.769	4002.281	4002.161	4016.162	4009.841	4010.758	4028.100
7.5	4010.480	4010.832	4009.212	4003.863	3982.292	3981.367	3996.155	3990.676	3991.500	4010.517
10.0	3983.940	3986.679	3984.550	3978.850	3956.955	3954.688	3965.635	3962.017	3964.515	3981.441
12.5	3948.580	3954.466	3951.939	3944.397	3923.761	3923.594	3932.043	3928.296	3928.184	3944.036
15.0	3912.156	3912.850	3908.594	3903.032	3877.666	3881.572	3891.677	3886.782	3885.052	3900.107
17.5	3868.524	3863.194	3858.391	3853.217	3827.417	3826.557	3841.150	3835.940	3832.822	3845.500
20.0	3810.853	3808.021	3801.960	3791.494	3766.822	3769.460	3778.843	3774.623	3772.180	3780.463
22.5	3738.959	3741.874	3736.765	3725.984	3699.786	3703.405	3707.717	3704.876	3702.155	3706.329
25.0	3659.457	3662.437	3656.681	3648.315	3620.285	3630.020	3628.679	3624.958	3623.052	3623.293
27.5	3571.951	3572.645	3568.009	3558.913	3528.680	3538.480	3538.433	3532.974	3533.224	3530.105
30.0	3466.002	3467.289	3461.431	3451.039	3426.219	3430.069	3433.891	3424.248	3422.842	3424.887
32.5	3341.860	3339.204	3335.040	3318.355	3293.351	3301.846	3307.509	3299.088	3295.766	3300.763
35.0	3205.549	3200.367	3198.145	3179.425	3146.119	3156.826	3162.175	3153.587	3151.570	3164.489
37.5	3062.584	3055.810	3051.229	3030.167	2998.564	3004.246	3000.332	2988.339	2988.663	3005.958
40.0	2904.673	2903.415	2896.863	2876.976	2844.976	2841.459	2832.039	2817.260	2817.047	2829.022
42.5	2737.435	2744.514	2732.540	2718.437	2679.505	2675.202	2665.781	2641.795	2642.591	2648.264
45.0	2579.923	2582.209	2564.940	2551.966	2514.793	2505.706	2491.057	2465.164	2458.769	2464.960
47.5	2413.545	2414.998	2399.211	2375.123	2345.010	2330.259	2315.203	2285.266	2274.883	2278.751
50.0	2246.224	2246.779	2228.687	2200.287	2169.804	2154.637	2135.379	2109.412	2092.366	2098.141
52.5	2081.252	2077.634	2056.711	2026.793	1989.943	1979.357	1956.592	1929.293	1913.329	1917.383
55.0	1906.250	1904.353	1882.171	1852.919	1812.257	1798.367	1776.463	1752.347	1735.569	1738.956
57.5	1728.073	1730.341	1708.779	1678.500	1635.265	1614.259	1597.139	1573.772	1558.559	1558.142
60.0	1546.899	1555.209	1533.406	1503.081	1457.792	1439.996	1422.664	1394.532	1377.967	1376.533
62.5	1376.477	1380.595	1357.793	1330.855	1285.917	1265.873	1248.318	1217.317	1198.069	1193.507
65.0	1213.218	1210.294	1184.549	1157.972	1115.773	1094.869	1073.557	1041.269	1016.071	1013.942
67.5	1046.868	1043.833	1015.710	991.066	950.737	928.232	901.145	872.439	845.973	845.233
70.0	884.618	883.748	860.122	839.134	801.674	775.661	739.469	701.499	675.366	671.193
72.5	738.432	732.417	710.189	690.043	650.427	621.323	582.678	541.174	514.245	509.840
75.0	589.360	584.149	563.874	547.818	509.294	471.464	436.900	393.517	365.829	364.043
77.5	446.561	445.256	427.683	414.329	375.240	335.911	297.146	255.484	238.938	239.336
80.0	317.116	317.773	303.503	292.556	250.941	208.909	176.677	160.649	157.966	158.549
82.5	204.412	204.393	194.214	182.008	137.440	108.531	105.847	100.387	99.101	99.619
85.0	108.642	110.169	102.460	84.165	58.578	55.515	54.358	51.249	49.055	49.287
87.5	39.931	42.365	35.619	25.985	18.415	12.808	12.891	11.928	11.901	12.058
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

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	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596
2.5	4022.964	4022.140	4024.519	4014.728	4020.067	4033.310	4037.881	4038.714	4032.976	4038.714
5.0	4010.434	4011.813	4014.524	4005.714	4009.675	4023.297	4029.201	4030.941	4023.260	4030.941
7.5	3993.129	3994.730	3996.451	3986.688	3991.093	4005.594	4010.341	4011.544	4002.994	4011.544
10.0	3963.562	3964.543	3971.789	3962.119	3965.654	3981.228	3984.532	3986.031	3976.740	3986.031
12.5	3930.146	3934.005	3933.690	3926.241	3930.525	3943.268	3948.376	3952.291	3946.414	3952.291
15.0	3889.688	3890.317	3889.206	3884.311	3885.940	3900.172	3906.715	3906.021	3901.607	3906.021
17.5	3836.838	3838.837	3840.392	3832.109	3829.574	3847.239	3854.837	3853.532	3849.923	3853.532
20.0	3774.216	3778.852	3780.629	3778.251	3779.658	3793.798	3796.250	3795.130	3790.744	3795.130
22.5	3701.063	3708.846	3714.204	3711.900	3709.882	3722.977	3727.761	3724.966	3723.541	3724.966
25.0	3621.562	3630.631	3634.768	3633.454	3634.499	3643.605	3650.268	3645.169	3641.218	3645.169
27.5	3534.278	3539.572	3546.586	3546.873	3546.068	3555.146	3560.125	3559.209	3548.076	3559.209
30.0	3430.921	3431.180	3446.060	3445.394	3445.496	3457.396	3463.458	3463.744	3454.250	3463.744
32.5	3311.387	3310.794	3325.055	3333.578	3336.271	3337.918	3352.437	3348.199	3343.526	3348.199
35.0	3170.698	3170.818	3181.470	3192.880	3196.841	3200.727	3217.468	3207.288	3203.800	3207.288
37.5	3011.464	3016.147	3027.187	3036.210	3040.522	3044.834	3058.447	3052.154	3045.427	3052.154
40.0	2836.971	2842.403	2849.436	2869.823	2874.404	2873.284	2893.948	2884.388	2883.815	2884.388
42.5	2659.183	2661.080	2671.084	2695.265	2700.984	2700.206	2727.580	2713.856	2711.598	2713.856
45.0	2474.844	2478.582	2492.019	2510.536	2526.583	2529.488	2551.707	2544.850	2540.575	2544.850
47.5	2289.810	2296.297	2309.391	2332.869	2355.819	2353.098	2374.327	2372.901	2369.727	2372.901
50.0	2109.366	2116.705	2126.773	2156.959	2174.588	2174.070	2199.370	2198.278	2196.881	2198.278
52.5	1929.783	1938.815	1951.262	1975.340	1992.951	1995.274	2022.267	2021.629	2021.009	2021.629
55.0	1749.913	1757.575	1769.670	1794.073	1815.117	1816.125	1842.397	1841.962	1839.418	1841.962
57.5	1568.507	1576.475	1589.060	1612.963	1633.914	1636.348	1660.834	1661.926	1660.991	1661.926
60.0	1385.935	1400.177	1412.910	1435.675	1460.911	1458.551	1481.667	1484.554	1486.553	1484.554
62.5	1205.158	1224.591	1239.185	1262.357	1286.241	1281.901	1303.602	1310.875	1312.791	1310.875
65.0	1025.454	1045.758	1066.338	1089.992	1110.249	1111.100	1133.180	1141.203	1145.553	1141.203
67.5	856.254	873.300	898.147	921.375	944.472	944.741	971.365	976.269	978.897	976.269
70.0	685.277	705.257	731.825	769.887	794.336	792.253	815.213	820.080	823.412	820.080
72.5	524.693	548.013	573.119	616.242	644.800	645.652	662.411	669.879	672.794	669.879
75.0	377.813	400.763	428.951	469.169	505.583	506.333	521.315	525.711	527.293	525.711
77.5	247.350	261.379	293.713	334.282	371.733	376.934	390.334	391.231	392.962	391.231
80.0	161.529	163.666	173.901	207.604	247.193	258.622	270.689	269.458	271.050	269.458

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

CANDELA TABULATION - (Cont.)

82.5	102.044	102.692	103.265	108.549	131.610	152.293	166.045	163.990	165.415	163.990
85.0	51.304	52.914	52.702	54.534	57.884	62.159	79.705	79.760	79.899	79.760
87.5	13.131	13.335	12.363	12.447	16.537	16.713	21.432	23.477	23.450	23.477
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.
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	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596
2.5	4037.881	4033.310	4020.067	4014.728	4024.519	4022.140	4022.964	4039.843	4025.101	4023.297
5.0	4029.201	4023.297	4009.675	4005.714	4014.524	4011.813	4010.434	4028.100	4010.758	4009.841
7.5	4010.341	4005.594	3991.093	3986.688	3996.451	3994.730	3993.129	4010.517	3991.500	3990.676
10.0	3984.532	3981.228	3965.654	3962.119	3971.789	3964.543	3963.562	3981.441	3964.515	3962.017
12.5	3948.376	3943.268	3930.525	3926.241	3933.690	3934.005	3930.146	3944.036	3928.184	3928.296
15.0	3906.715	3900.172	3885.940	3884.311	3889.206	3890.317	3889.688	3900.107	3885.052	3886.782
17.5	3854.837	3847.239	3829.574	3832.109	3840.392	3838.837	3836.838	3845.500	3832.822	3835.940
20.0	3796.250	3793.798	3779.658	3778.251	3780.629	3778.852	3774.216	3780.463	3772.180	3774.623
22.5	3727.761	3722.977	3709.882	3711.900	3714.204	3708.846	3701.063	3706.329	3702.155	3704.876
25.0	3650.268	3643.605	3634.499	3633.454	3634.768	3630.631	3621.562	3623.293	3623.052	3624.958
27.5	3560.125	3555.146	3546.068	3546.873	3546.586	3539.572	3534.278	3530.105	3533.224	3532.974

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

CANDELA TABULATION - (Cont.)

30.0	3463.458	3457.396	3445.496	3445.394	3446.060	3431.180	3430.921	3424.887	3422.842	3424.248
32.5	3352.437	3337.918	3336.271	3333.578	3325.055	3310.794	3311.387	3300.763	3295.766	3299.088
35.0	3217.468	3200.727	3196.841	3192.880	3181.470	3170.818	3170.698	3164.489	3151.570	3153.587
37.5	3058.447	3044.834	3040.522	3036.210	3027.187	3016.147	3011.464	3005.958	2988.663	2988.339
40.0	2893.948	2873.284	2874.404	2869.823	2849.436	2842.403	2836.971	2829.022	2817.047	2817.260
42.5	2727.580	2700.206	2700.984	2695.265	2671.084	2661.080	2659.183	2648.264	2642.591	2641.795
45.0	2551.707	2529.488	2526.583	2510.536	2492.019	2478.582	2474.844	2464.960	2458.769	2465.164
47.5	2374.327	2353.098	2355.819	2332.869	2309.391	2296.297	2289.810	2278.751	2274.883	2285.266
50.0	2199.370	2174.070	2174.588	2156.959	2126.773	2116.705	2109.366	2098.141	2092.366	2109.412
52.5	2022.267	1995.274	1992.951	1975.340	1951.262	1938.815	1929.783	1917.383	1913.329	1929.293
55.0	1842.397	1816.125	1815.117	1794.073	1769.670	1757.575	1749.913	1738.956	1735.569	1752.347
57.5	1660.834	1636.348	1633.914	1612.963	1589.060	1576.475	1568.507	1558.142	1558.559	1573.772
60.0	1481.667	1458.551	1460.911	1435.675	1412.910	1400.177	1385.935	1376.533	1377.967	1394.532
62.5	1303.602	1281.901	1286.241	1262.357	1239.185	1224.591	1205.158	1193.507	1198.069	1217.317
65.0	1133.180	1111.100	1110.249	1089.992	1066.338	1045.758	1025.454	1013.942	1016.071	1041.269
67.5	971.365	944.741	944.472	921.375	898.147	873.300	856.254	845.233	845.973	872.439
70.0	815.213	792.253	794.336	769.887	731.825	705.257	685.277	671.193	675.366	701.499
72.5	662.411	645.652	644.800	616.242	573.119	548.013	524.693	509.840	514.245	541.174
75.0	521.315	506.333	505.583	469.169	428.951	400.763	377.813	364.043	365.829	393.517
77.5	390.334	376.934	371.733	334.282	293.713	261.379	247.350	239.336	238.938	255.484
80.0	270.689	258.622	247.193	207.604	173.901	163.666	161.529	158.549	157.966	160.649
82.5	166.045	152.293	131.610	108.549	103.265	102.692	102.044	99.619	99.101	100.387
85.0	79.705	62.159	57.884	54.534	52.702	52.914	51.304	49.287	49.055	51.249
87.5	21.432	16.713	16.537	12.447	12.363	13.335	13.131	12.058	11.901	11.928
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 : BX9604HTHO35K120-480V_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. 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	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596	4033.596
2.5	4027.508	4014.330	4014.783	4031.459	4037.853	4039.797	4033.273
5.0	4016.162	4002.161	4002.281	4022.769	4027.600	4031.885	4029.775
7.5	3996.155	3981.367	3982.292	4003.863	4009.212	4010.832	4010.480
10.0	3965.635	3954.688	3956.955	3978.850	3984.550	3986.679	3983.940
12.5	3932.043	3923.594	3923.761	3944.397	3951.939	3954.466	3948.580
15.0	3891.677	3881.572	3877.666	3903.032	3908.594	3912.850	3912.156
17.5	3841.150	3826.557	3827.417	3853.217	3858.391	3863.194	3868.524
20.0	3778.843	3769.460	3766.822	3791.494	3801.960	3808.021	3810.853
22.5	3707.717	3703.405	3699.786	3725.984	3736.765	3741.874	3738.959
25.0	3628.679	3630.020	3620.285	3648.315	3656.681	3662.437	3659.457
27.5	3538.433	3538.480	3528.680	3558.913	3568.009	3572.645	3571.951
30.0	3433.891	3430.069	3426.219	3451.039	3461.431	3467.289	3466.002
32.5	3307.509	3301.846	3293.351	3318.355	3335.040	3339.204	3341.860
35.0	3162.175	3156.826	3146.119	3179.425	3198.145	3200.367	3205.549
37.5	3000.332	3004.246	2998.564	3030.167	3051.229	3055.810	3062.584
40.0	2832.039	2841.459	2844.976	2876.976	2896.863	2903.415	2904.673
42.5	2665.781	2675.202	2679.505	2718.437	2732.540	2744.514	2737.435
45.0	2491.057	2505.706	2514.793	2551.966	2564.940	2582.209	2579.923
47.5	2315.203	2330.259	2345.010	2375.123	2399.211	2414.998	2413.545
50.0	2135.379	2154.637	2169.804	2200.287	2228.687	2246.779	2246.224
52.5	1956.592	1979.357	1989.943	2026.793	2056.711	2077.634	2081.252
55.0	1776.463	1798.367	1812.257	1852.919	1882.171	1904.353	1906.250
57.5	1597.139	1614.259	1635.265	1678.500	1708.779	1730.341	1728.073
60.0	1422.664	1439.996	1457.792	1503.081	1533.406	1555.209	1546.899
62.5	1248.318	1265.873	1285.917	1330.855	1357.793	1380.595	1376.477
65.0	1073.557	1094.869	1115.773	1157.972	1184.549	1210.294	1213.218
67.5	901.145	928.232	950.737	991.066	1015.710	1043.833	1046.868
70.0	739.469	775.661	801.674	839.134	860.122	883.748	884.618
72.5	582.678	621.323	650.427	690.043	710.189	732.417	738.432
75.0	436.900	471.464	509.294	547.818	563.874	584.149	589.360
77.5	297.146	335.911	375.240	414.329	427.683	445.256	446.561
80.0	176.677	208.909	250.941	292.556	303.503	317.773	317.116
82.5	105.847	108.531	137.440	182.008	194.214	204.393	204.412
85.0	54.358	55.515	58.578	84.165	102.460	110.169	108.642
87.5	12.891	12.808	18.415	25.985	35.619	42.365	39.931
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
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

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 : BX9604HTHO35K120-480V_P.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1481.57	N.A.	14.30
0-30	3156.45	N.A.	30.40
0-40	5140.67	N.A.	49.50
0-60	8693.91	N.A.	83.70
0-80	10295.26	N.A.	99.10
0-90	10386.31	N.A.	100.00
10-90	10004.28	N.A.	96.30
20-40	3659.1	N.A.	35.20
20-50	5598.16	N.A.	53.90
40-70	4645.63	N.A.	44.70
60-80	1601.35	N.A.	15.40
70-80	508.96	N.A.	4.90
80-90	91.05	N.A.	0.90
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	10386.31	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	382.03
10-20	1099.53
20-30	1674.88
30-40	1984.22
40-50	1939.07
50-60	1614.18
60-70	1092.39
70-80	508.96
80-90	91.05
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 : BX9604HTHO35K120-480V_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	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	44	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	45	39	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

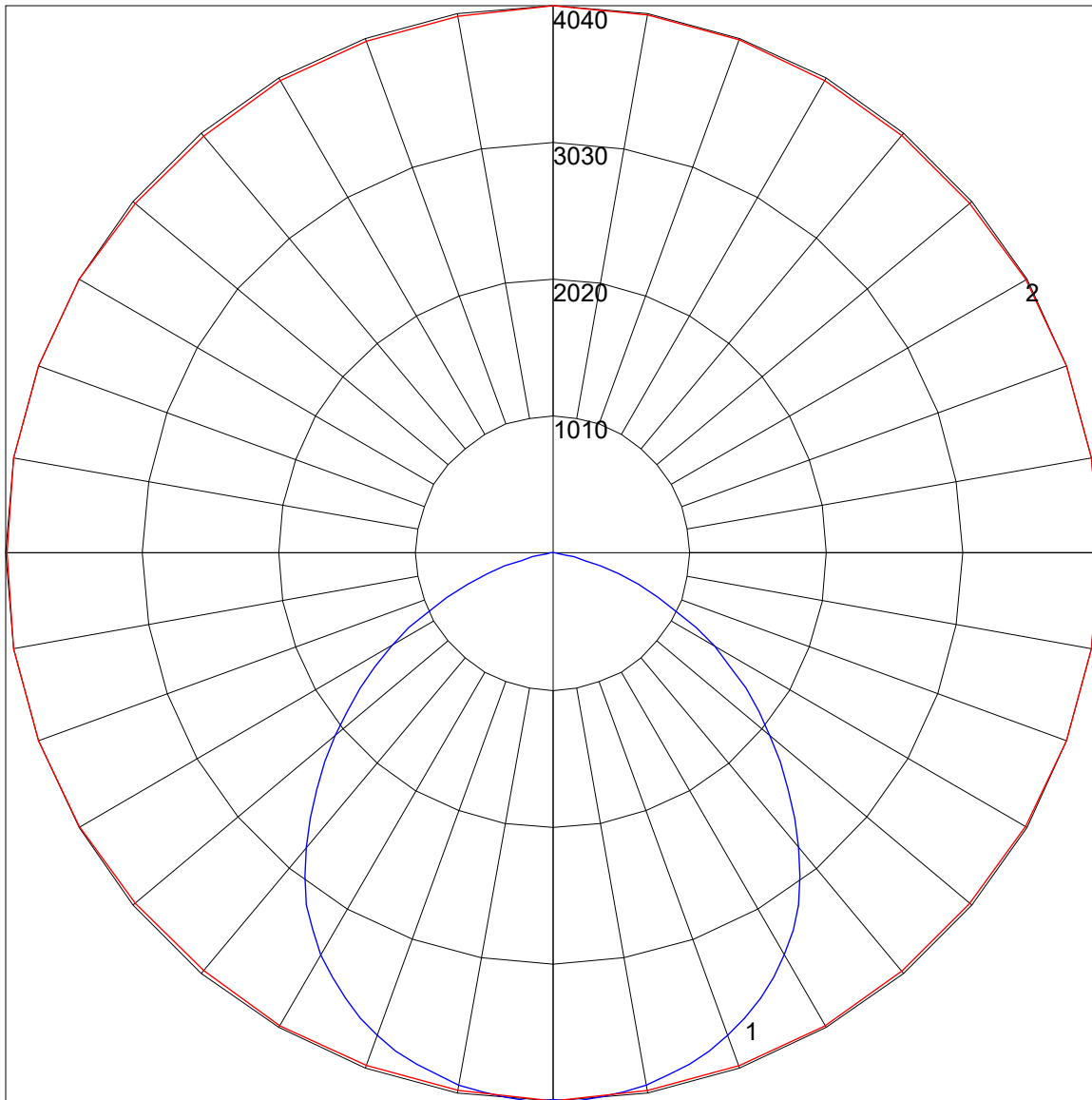
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX9604HTHO35K120-480V_P.IES

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	22.7	24.3	23.1	24.6	24.9	22.1	23.7	22.5	24.0	24.3
	3H	24.3	25.7	24.6	26.0	26.4	23.3	24.8	23.7	25.1	25.5
	4H	24.8	26.1	25.2	26.5	26.9	23.6	25.0	24.0	25.3	25.7
	6H	25.2	26.4	25.6	26.8	27.1	23.7	25.0	24.2	25.3	25.7
	8H	25.3	26.4	25.7	26.8	27.2	23.8	24.9	24.2	25.3	25.7
	12H	25.3	26.4	25.7	26.8	27.2	23.8	24.9	24.2	25.3	25.7
4H	2H	23.2	24.5	23.6	24.8	25.2	22.7	24.0	23.1	24.4	24.7
	3H	24.9	26.0	25.3	26.4	26.8	24.1	25.2	24.5	25.6	26.0
	4H	25.6	26.6	26.0	27.0	27.4	24.5	25.5	24.9	25.9	26.3
	6H	26.0	26.9	26.5	27.4	27.8	24.6	25.5	25.1	26.0	26.4
	8H	26.2	27.0	26.6	27.4	27.9	24.7	25.5	25.1	25.9	26.4
	12H	26.2	27.0	26.7	27.4	27.9	24.7	25.4	25.1	25.9	26.3
8H	4H	25.7	26.5	26.2	27.0	27.5	24.7	25.5	25.2	26.0	26.4
	6H	26.3	26.9	26.8	27.4	27.9	24.9	25.6	25.4	26.1	26.6
	8H	26.4	27.0	27.0	27.5	28.0	25.0	25.6	25.5	26.1	26.5
	12H	26.5	27.1	27.1	27.6	28.1	25.0	25.5	25.5	26.0	26.6
12H	4H	25.7	26.4	26.2	26.9	27.4	24.7	25.5	25.2	25.9	26.4
	6H	26.3	26.9	26.8	27.3	27.9	24.9	25.5	25.5	26.0	26.5
	8H	26.4	27.0	27.0	27.5	28.0	25.0	25.5	25.5	26.0	26.6

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 4039.843 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)