



# Primelite

IN THE U.S.A. MANUFACTURING CORP

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

## DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TESTDATE] 18-Sep-2017 08:24:24  
[TESTLAB] Radiant Vision Systems ProSource  
[ISSUE DATE] 9/18/2017 9:15:22 AM  
[MANUFAC] PRIMELITE MANUFACTURING  
[LUMCAT] 5751 LED50  
[NOTE] Some data may be scaled based on tests of similar (but not identical) luminaires and wattages.  
[LAMP] LED Module  
[ TOTALLUMINAIRELUMENS] 10170.4  
[ NUMBEROFRAYS]10000000  
[DRIVER TYPE] (2) D10CC55UNVTZ-C  
[BOARD TYPE] (8) UNIVERSAL "F"  
[COLOR TEMP] 4,127  
[LUMEN/WATT] 107 LM/WT  
[CRI] 85.1  
[OTHER] Absolute Photometry measurement



## CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10176
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	94.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.44 m
Luminous Width (90-270)	0.15 m
Luminous Height	0.09 m

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11240	7984	5849
55	11149	5109	3767
65	9277	2851	1115
75	6384	266	115
85	1242	81	81

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.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>
<b>0</b>	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88
<b>3</b>	4113.20	4115.48	4115.86	4114.35	4112.08	4107.96	4103.71	4099.22	4094.78	4091.36
<b>6</b>	4101.14	4101.26	4100.63	4094.86	4087.11	4079.44	4072.48	4062.36	4052.59	4041.59
<b>9</b>	4053.55	4049.18	4043.63	4029.68	4025.58	4026.72	4027.09	4020.26	4006.79	3990.06
<b>12</b>	3991.99	3986.77	3971.21	3951.69	3951.00	3959.96	3977.07	3978.82	3965.62	3947.75
<b>15</b>	3939.28	3941.14	3929.94	3889.46	3860.53	3879.33	3912.70	3932.26	3927.25	3919.30
<b>18</b>	3886.42	3900.61	3897.45	3853.55	3808.29	3823.07	3865.79	3890.45	3901.90	3909.23
<b>21</b>	3819.81	3818.22	3830.76	3817.47	3790.97	3816.22	3861.25	3879.67	3894.47	3910.96
<b>24</b>	3739.63	3706.79	3727.60	3755.64	3767.21	3816.10	3871.91	3875.14	3869.70	3876.57
<b>27</b>	3651.87	3606.15	3615.95	3685.92	3716.38	3781.20	3834.38	3814.08	3782.69	3773.38
<b>30</b>	3571.14	3512.58	3516.70	3618.66	3648.88	3703.83	3716.49	3706.84	3681.42	3667.57
<b>33</b>	3508.71	3408.94	3429.31	3570.21	3580.16	3604.99	3575.25	3623.45	3615.82	3610.09
<b>36</b>	3453.43	3299.37	3365.75	3494.66	3466.67	3494.67	3486.05	3569.60	3499.49	3494.01
<b>39</b>	3381.72	3205.51	3304.95	3333.51	3316.78	3368.32	3387.80	3372.93	3203.97	3213.81
<b>42</b>	3244.31	3130.55	3219.35	3174.06	3196.45	3202.10	3159.08	2982.63	2762.76	2826.18
<b>45</b>	3017.48	3061.57	3092.66	2993.79	3053.76	2942.66	2750.62	2433.98	2330.54	2422.81
<b>48</b>	2801.05	2928.61	2932.78	2794.22	2811.05	2557.39	2301.97	2093.59	1993.30	2066.13
<b>51</b>	2677.71	2699.05	2728.67	2599.82	2435.92	2128.14	1936.73	1825.23	1770.85	1791.39
<b>54</b>	2542.64	2443.92	2514.07	2402.56	1986.48	1750.04	1619.76	1566.94	1569.99	1559.48
<b>57</b>	2309.20	2258.54	2233.39	2009.88	1616.63	1488.91	1362.93	1290.16	1332.42	1288.48
<b>60</b>	1980.05	2075.90	1956.76	1579.00	1349.57	1260.24	1094.23	1020.75	1024.30	1002.22
<b>63</b>	1708.42	1822.57	1746.71	1230.36	1108.66	1024.74	796.30	769.86	785.09	703.86
<b>66</b>	1469.43	1500.01	1349.21	960.84	848.46	686.45	471.89	415.65	276.58	239.97
<b>69</b>	1247.75	1180.31	911.76	727.98	545.72	332.35	206.80	147.41	95.80	109.55
<b>72</b>	979.03	859.92	587.56	450.12	270.99	134.44	91.55	61.43	59.64	62.36
<b>75</b>	688.23	550.02	338.60	244.87	86.07	49.15	38.19	39.77	28.71	35.28
<b>78</b>	411.20	284.39	170.85	69.95	26.26	24.25	13.87	15.39	16.48	16.53
<b>81</b>	224.12	124.67	70.32	26.36	13.64	17.96	17.87	16.10	14.48	17.99
<b>84</b>	78.17	38.21	8.99	6.61	6.78	21.20	23.62	14.12	16.64	22.14
<b>87</b>	12.74	2.95	0.80	3.79	11.64	28.10	20.14	13.89	13.62	16.98
<b>90</b>	3.30	0.25	0.00	1.88	9.27	14.87	13.61	11.21	10.05	12.47
<b>93</b>	0.00	0.00	0.00	0.11	1.02	2.88	4.67	5.42	3.78	6.88
<b>96</b>	0.00	0.00	0.00	0.03	0.13	0.13	0.27	0.42	0.25	0.37
<b>99</b>	0.00	0.00	0.01	0.01	0.03	0.04	0.04	0.05	0.03	0.03
<b>102</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>108</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>111</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>123</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>126</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>129</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>138</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>141</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>144</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>153</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>156</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>159</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

**CANDELA TABULATION - (Cont.)**

162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	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>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</b>	<b>170</b>	<b>180</b>	<b>190</b>
0	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88
3	4087.52	4085.19	4083.80	4083.43	4085.66	4089.78	4091.24	4094.28	4095.43	4094.55
6	4030.76	4024.17	4021.14	4021.84	4031.65	4045.96	4062.37	4075.38	4084.30	4085.03
9	3974.56	3960.91	3952.18	3953.16	3966.76	3994.46	4027.11	4055.21	4067.32	4058.68
12	3931.71	3918.14	3909.18	3910.84	3925.77	3950.89	3993.68	4033.21	4046.14	4015.39
15	3908.97	3892.99	3874.91	3868.20	3869.14	3889.05	3939.09	3996.54	4020.84	3971.04
18	3902.54	3875.23	3833.14	3804.73	3781.47	3791.19	3841.83	3937.42	3979.38	3907.77
21	3900.02	3868.72	3808.20	3753.60	3710.49	3687.12	3730.04	3838.90	3913.95	3741.77
24	3864.47	3864.73	3823.69	3747.30	3689.05	3619.46	3614.75	3726.68	3846.09	3646.05
27	3762.86	3798.53	3801.34	3731.93	3700.76	3606.04	3522.63	3555.89	3794.46	3619.61
30	3660.49	3670.67	3669.11	3642.07	3662.49	3594.91	3441.25	3467.46	3738.55	3504.61
33	3622.60	3558.15	3504.04	3514.01	3552.93	3553.93	3384.80	3315.42	3655.89	3382.00
36	3541.86	3497.62	3416.71	3403.82	3388.16	3446.72	3377.73	3189.74	3556.27	3232.65
39	3275.47	3334.24	3327.89	3299.28	3241.47	3260.27	3326.95	3088.14	3449.69	3087.14
42	2854.35	2932.81	3091.93	3135.90	3115.82	3111.68	3163.18	2975.87	3314.89	2925.08
45	2413.73	2453.96	2702.21	2862.76	2896.53	2972.43	2958.87	2830.67	3133.36	2736.28
48	2033.56	2079.77	2293.71	2482.62	2598.82	2798.69	2705.31	2666.88	2928.36	2535.30
51	1752.67	1792.69	1937.04	2076.40	2299.60	2568.44	2433.11	2515.91	2725.07	2368.57
54	1527.10	1571.77	1637.19	1719.52	1965.81	2258.70	2242.26	2383.25	2514.27	2201.65
57	1296.76	1346.87	1424.98	1456.85	1620.80	1937.29	2038.60	2198.03	2279.98	2021.13
60	1006.02	1054.01	1197.93	1219.81	1305.60	1567.27	1760.56	1955.00	2014.30	1812.35
63	692.13	708.82	835.14	930.03	1068.33	1209.89	1439.61	1671.46	1716.82	1572.55
66	256.63	345.98	480.33	618.86	846.58	914.36	1047.43	1343.20	1407.87	1288.00
69	120.55	148.44	206.37	324.12	537.81	631.93	711.93	1007.78	1107.85	993.41
72	62.78	62.56	92.19	127.51	263.24	396.13	473.91	690.95	816.90	708.61
75	29.29	29.12	34.72	53.72	76.52	179.34	266.44	412.94	536.98	426.18
78	17.87	14.43	16.00	19.42	22.39	48.52	111.68	185.10	297.64	212.99
81	13.30	15.31	15.09	14.15	8.82	11.88	35.01	60.30	114.37	61.88
84	13.10	14.70	18.90	23.01	7.84	5.10	4.09	12.52	24.82	10.13
87	10.79	14.92	26.09	20.82	12.40	1.66	0.10	0.75	1.48	0.19
90	10.90	9.61	14.95	8.84	3.05	0.35	0.07	0.00	6.09	0.00
93	5.38	3.95	3.93	2.73	1.36	0.54	0.02	0.01	0.61	0.00
96	0.46	0.38	0.38	0.17	0.13	0.04	0.01	0.00	0.05	0.00
99	0.10	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

**CANDELA TABULATION - (Cont.)**

135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	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	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88
3	4091.77	4087.17	4081.91	4074.49	4068.44	4063.33	4059.66	4059.40	4059.83	4063.90
6	4080.56	4069.76	4056.60	4043.22	4029.73	4015.80	4006.43	4000.86	4001.42	4007.69
9	4040.83	4018.78	4007.32	4001.78	3995.88	3989.41	3982.82	3976.31	3971.53	3969.66
12	3967.75	3934.71	3937.04	3944.63	3956.29	3966.00	3971.17	3968.80	3957.87	3943.16
15	3896.42	3848.75	3850.68	3880.36	3906.82	3932.62	3945.69	3949.43	3942.74	3925.59
18	3815.03	3769.38	3777.26	3820.58	3856.94	3887.94	3903.06	3908.58	3915.07	3906.41
21	3720.36	3693.58	3733.33	3781.85	3814.06	3832.04	3835.39	3846.06	3853.81	3859.95
24	3651.06	3634.43	3717.72	3762.19	3780.36	3773.18	3765.37	3779.53	3775.11	3789.21
27	3543.21	3617.55	3705.59	3709.11	3722.36	3716.62	3717.55	3719.18	3710.28	3710.64
30	3475.97	3596.57	3628.10	3580.19	3598.66	3623.53	3643.50	3628.25	3634.13	3608.15
33	3421.41	3532.20	3494.96	3438.61	3453.03	3478.58	3451.70	3469.76	3497.20	3479.31
36	3341.50	3382.45	3323.55	3320.90	3343.00	3329.28	3246.45	3252.03	3293.37	3345.36
39	3214.71	3155.90	3162.05	3196.88	3204.06	3134.45	3035.67	2991.60	3068.37	3139.64
42	3085.14	3007.51	3007.38	3019.93	2953.24	2785.32	2768.60	2692.31	2690.95	2793.66
45	2895.43	2902.96	2796.24	2782.46	2569.85	2372.41	2375.04	2360.15	2265.09	2416.32
48	2644.44	2768.79	2557.28	2484.75	2164.05	2016.10	1955.69	2022.84	1977.15	2090.20
51	2362.03	2545.68	2302.43	2124.01	1807.23	1714.81	1636.67	1699.00	1707.63	1787.88
54	2146.44	2214.40	1935.55	1724.63	1486.65	1434.10	1358.03	1407.70	1442.61	1473.31
57	1921.04	1917.04	1579.46	1386.75	1233.53	1229.58	1124.46	1095.69	1172.27	1254.36
60	1706.34	1624.43	1268.66	1111.34	990.04	934.68	789.17	799.79	831.82	885.97
63	1469.63	1293.03	1012.78	836.37	697.76	576.91	428.41	395.65	426.63	519.02
66	1122.62	928.01	762.09	541.93	311.32	225.02	172.46	177.46	182.23	220.90
69	772.88	589.99	448.59	229.14	125.41	113.84	96.36	95.07	98.64	112.71
72	498.55	345.70	173.72	77.51	57.30	69.41	47.16	54.65	56.62	68.99
75	271.89	148.69	54.22	37.51	29.57	27.11	20.80	20.55	22.97	25.48
78	97.19	37.31	28.24	15.22	8.39	9.36	8.33	5.50	4.45	11.56
81	29.41	11.73	13.62	8.19	6.08	6.09	2.93	2.11	2.69	6.41
84	3.41	4.80	3.94	1.81	3.00	3.67	3.10	2.94	2.84	3.72
87	0.10	0.23	1.05	0.39	0.36	0.80	2.85	1.08	1.88	0.35
90	0.00	0.00	0.00	0.00	0.00	0.08	1.59	0.00	0.00	0.00
93	0.00	0.00	0.00	0.03	0.00	0.04	0.65	0.00	0.47	0.01
96	0.00	0.01	0.01	0.01	0.00	0.02	0.11	0.00	0.04	0.01
99	0.01	0.00	0.02	0.00	0.01	0.00	0.04	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

**CANDELA TABULATION - (Cont.)**

108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88	4104.88
3	4069.84	4077.36	4087.21	4094.71	4103.20	4109.10	4113.20
6	4020.38	4034.78	4051.25	4068.68	4084.71	4094.15	4101.14
9	3973.59	3984.21	3996.87	4012.42	4032.16	4043.90	4053.55
12	3934.09	3936.01	3944.43	3950.46	3965.37	3981.09	3991.99
15	3905.56	3899.58	3903.33	3913.35	3926.82	3932.75	3939.28
18	3882.16	3871.03	3878.43	3891.62	3898.99	3895.90	3886.42
21	3845.56	3835.73	3843.78	3846.22	3844.48	3837.50	3819.81
24	3800.86	3795.46	3787.21	3749.66	3750.23	3755.26	3739.63
27	3739.89	3740.89	3720.88	3664.69	3649.17	3664.59	3651.87
30	3630.87	3655.92	3647.36	3605.36	3576.42	3580.47	3571.14
33	3497.36	3540.97	3556.92	3543.20	3508.20	3510.26	3508.71
36	3361.45	3376.47	3397.65	3427.40	3401.47	3411.15	3453.43
39	3194.98	3175.42	3187.45	3242.80	3259.58	3245.46	3381.72
42	2982.83	3006.36	3021.55	3092.58	3092.14	3061.76	3244.31
45	2679.22	2847.43	2874.30	2928.41	2922.73	2925.53	3017.48
48	2304.48	2561.69	2656.55	2721.43	2773.82	2788.81	2801.05
51	1919.09	2131.99	2319.55	2502.21	2583.97	2604.26	2677.71
54	1543.22	1693.53	1925.86	2253.44	2370.00	2389.84	2542.64
57	1271.15	1373.21	1597.79	2032.84	2091.26	2168.32	2309.20
60	1019.51	1160.24	1332.67	1640.11	1833.20	1904.15	1980.05
63	732.63	920.75	1064.74	1254.48	1611.14	1607.19	1708.42
66	348.85	612.23	780.75	912.98	1279.64	1304.26	1469.43
69	132.91	253.10	481.57	597.98	925.51	1034.94	1247.75
72	71.91	85.28	222.43	375.07	614.88	792.35	979.03
75	35.08	47.69	59.13	191.93	344.92	563.76	688.23
78	12.36	24.21	27.41	54.30	154.02	300.93	411.20

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : 5751.IES**

**CANDELA TABULATION - (Cont.)**

<b>81</b>	8.47	12.31	10.75	21.86	56.51	131.36	224.12
<b>84</b>	3.71	2.53	4.80	6.56	8.54	34.36	78.17
<b>87</b>	0.77	0.04	1.32	1.03	1.08	1.61	12.74
<b>90</b>	0.00	0.00	0.54	0.00	0.00	0.00	3.30
<b>93</b>	0.00	0.01	0.00	0.00	0.00	0.00	0.00
<b>96</b>	0.00	0.01	0.02	0.01	0.00	0.00	0.00
<b>99</b>	0.01	0.01	0.04	0.01	0.00	0.00	0.00
<b>102</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>108</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>111</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>123</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>126</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>129</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>138</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>141</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>144</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>153</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>156</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>159</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>168</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>171</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>174</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1218.21	N.A.	12.00
0-30	3219.95	N.A.	31.60
0-40	5139.55	N.A.	50.50
0-60	9104.05	N.A.	89.50
0-80	10144.43	N.A.	99.70
0-90	10174.94	N.A.	100.00
10-90	9861.5	N.A.	96.90
20-40	3921.34	N.A.	38.50
20-50	5864.2	N.A.	57.60
40-70	4769.8	N.A.	46.90
60-80	1040.38	N.A.	10.20
70-80	235.08	N.A.	2.30
80-90	30.51	N.A.	0.30
90-110	1.05	N.A.	0.00
90-120	1.05	N.A.	0.00
90-130	1.05	N.A.	0.00
90-150	1.05	N.A.	0.00
90-180	1.05	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	10175.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	313.43
10-20	904.77
20-30	2001.74
30-40	1919.6
40-50	1942.85
50-60	2021.65
60-70	805.30
70-80	235.08
80-90	30.51
90-100	1.05
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 : 5751.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	119	116	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	103	99	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87	87
2	101	94	88	83	83	99	92	87	82	89	84	80	85	82	78	83	79	76	74	74
3	93	83	76	70	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64	64
4	85	74	66	60	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55	55
5	78	66	58	52	52	76	65	57	51	63	56	51	61	55	50	59	54	50	48	48
6	72	60	51	45	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42	42
7	67	54	46	40	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37	37
8	62	49	41	35	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33	33
9	58	45	37	32	32	57	45	37	32	43	36	31	42	36	31	41	35	31	29	29
10	55	42	34	29	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26	26

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 5751.IES**

**UGR TABLE - CORRECTED**

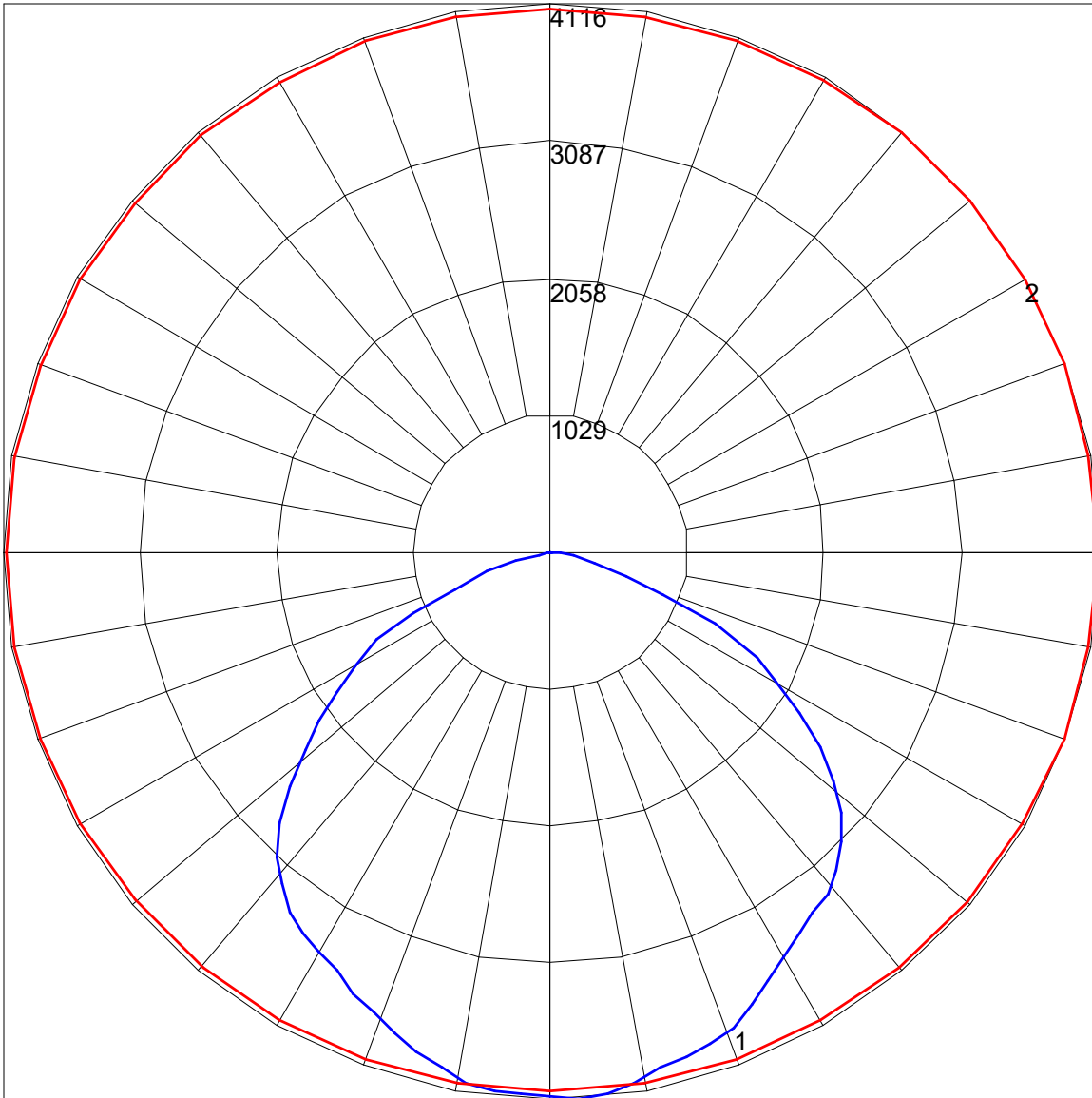
Reflectances

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	19.1	20.7	19.5	21.0	21.3	16.7	18.2	17.1	18.6	18.9
	3H	20.2	21.6	20.6	21.9	22.3	16.7	18.0	17.0	18.4	18.7
	4H	20.5	21.8	20.9	22.1	22.5	16.6	17.9	17.0	18.2	18.6
	6H	20.5	21.7	20.9	22.1	22.5	16.5	17.7	16.9	18.1	18.5
	8H	20.5	21.6	20.9	22.0	22.4	16.5	17.6	16.9	18.0	18.4
	12H	20.5	21.6	20.9	21.9	22.4	16.5	17.6	16.9	17.9	18.4
4H	2H	19.2	20.5	19.6	20.8	21.2	17.0	18.3	17.4	18.7	19.0
	3H	20.3	21.4	20.7	21.8	22.2	17.0	18.1	17.4	18.5	18.9
	4H	20.6	21.5	21.0	21.9	22.4	16.9	17.9	17.4	18.3	18.7
	6H	20.6	21.5	21.1	21.9	22.4	16.9	17.7	17.3	18.2	18.6
	8H	20.6	21.4	21.1	21.8	22.3	16.8	17.6	17.3	18.1	18.5
	12H	20.6	21.3	21.1	21.8	22.2	16.8	17.5	17.3	18.0	18.5
8H	4H	20.5	21.2	20.9	21.7	22.2	16.9	17.7	17.4	18.1	18.6
	6H	20.5	21.2	21.0	21.6	22.1	16.8	17.5	17.3	17.9	18.4
	8H	20.5	21.1	21.0	21.6	22.1	16.8	17.3	17.3	17.9	18.3
	12H	20.5	21.0	21.0	21.5	22.0	16.7	17.3	17.2	17.7	18.3
12H	4H	20.4	21.1	20.9	21.6	22.1	16.9	17.6	17.4	18.0	18.5
	6H	20.5	21.1	21.0	21.5	22.1	16.8	17.4	17.3	17.8	18.4
	8H	20.4	21.0	21.0	21.5	22.0	16.7	17.2	17.2	17.7	18.3

Maximum UGR = 22.5

POLAR GRAPH



Maximum Candela = 4115.86 Located At Horizontal Angle = 20, Vertical Angle = 3  
# 1 - Vertical Plane Through Horizontal Angles (20 - 200) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)