



**Lighting ETC Inc**  
Catalog Number  
**LDM-3L-5K-U-F-XX**



**Electrical Test Conditions**

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.1 VAC	0.2868 A	33.92 W	0.985	60 Hz	13.5 %

**Summary of Results**

Total Lumen Output	3937 Lumens
Luminaire Efficacy	116.2 lm/w
Maximum Candela	1224 Candela
CCT	5034 K
CRI	82.2
Duv	0.0005
TM-30 Rf	80.2
TM-30 Rg	94.2

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	941	24.6%
0-40	1534	40.0%
0-60	2701	70.5%
0-90	3650	95.3%
40-90	2116	55.2%
60-90	949	24.8%
90-180	182	4.7%
0-180	3832	100.0%

**Spacing Criteria**

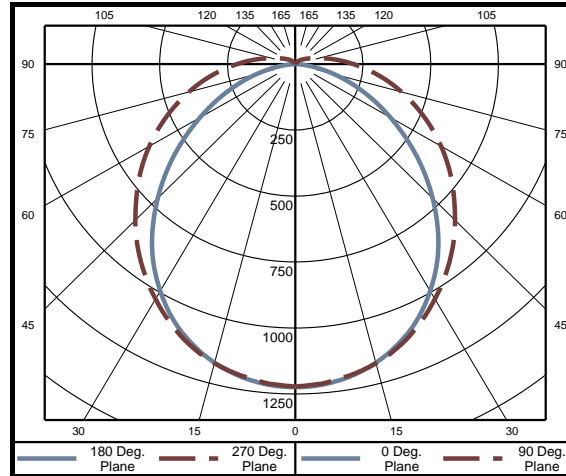
0-180	1.21
90-270	1.21

**Average Luminance cd/m<sup>2</sup>**

Vertical Angle	Horizontal Angle 0°
0	11280
45	9126
55	7885
65	6515
75	4913
85	2100

**Cone of Light Tabulation**

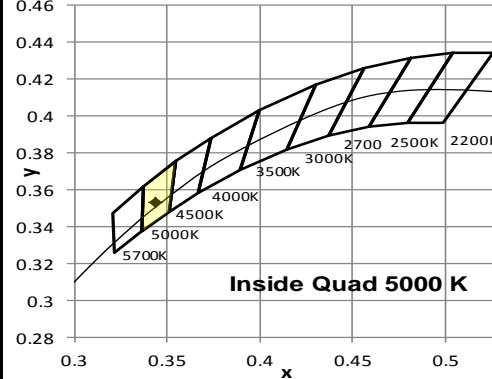
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	76.4	4.95
6.00	33.9	7.42
8.00	19.1	9.89
10.0	12.2	12.4
12.0	8.49	14.8
14.0	6.24	17.3
16.0	4.77	19.8



**Intensity (Candlepower) Summary**

Angle	Mean CP	Lumens
0	1222	
5	1215	115
10	1196	
15	1165	330
20	1129	
25	1077	496
30	1016	
35	947	592
40	872	
45	791	610
50	707	
55	623	557
60	538	
65	455	451
70	375	
75	298	315
80	226	
85	165	182
90	117	

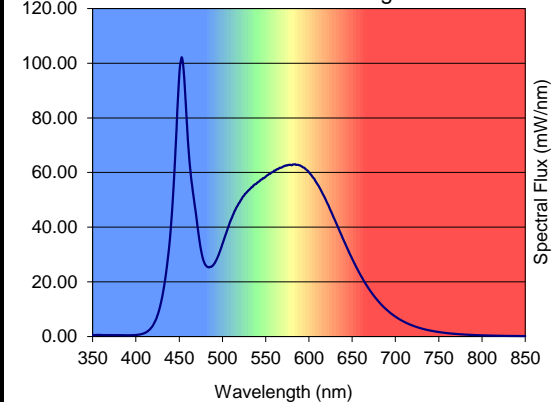
**Nominal CCT Quadrangles**



**Color Rendering Index Details**

Ra (CRI)	82.2
R1	80.5
R2	88.3
R3	92.3
R4	80.8
R5	80.7
R6	82.6
R7	86.2
R8	65.8
R9	4.7
R10	70.9
R11	79
R12	59.4
R13	82.7
R14	95.9

**Flux vs Wavelength**



**Chromaticity Coordinates**

Chromaticity (x)	0.3443
Chromaticity (y)	0.3534
Chromaticity (u)	0.2102
Chromaticity (v)	0.3236
Chromaticity (u')	0.2102
Chromaticity (v')	0.4854
Duv	0.0005

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12162092.02B