



Lighting ETC Inc
Catalog Number
LDM-10L-5K-U-F-XX



Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.6 °C	120.1 VAC	0.6153 A	73.48 W	0.995	60 Hz	8.73 %

Summary of Results

Total Lumen Output	10170 Lumens
Luminaire Efficacy	138.4 lm/w
Maximum Candela	3178 Candela
CCT	5163 K
CRI	84.1
Duv	0.0004
TM-30 Rf	82.8
TM-30 Rg	96.3

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2444	24.9%
0-40	3986	40.3%
0-60	7023	71.0%
0-90	9454	95.5%
40-90	5468	55.2%
60-90	2431	24.5%
90-180	443	4.5%
0-180	9897	100.0%

Spacing Criteria

0-180	1.21
90-270	1.27

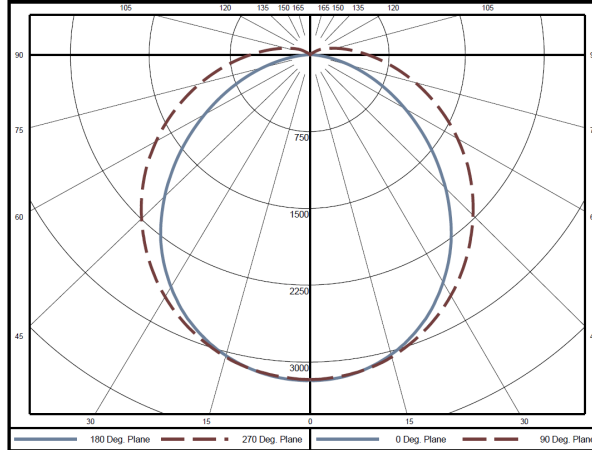
Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	27260
45	22210
55	19320
65	16140
75	12300
85	5221

Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	198	4.96
6.00	87.9	7.45
8.00	49.5	9.93
10.0	31.7	12.4
12.0	22.0	14.9
14.0	16.2	17.4
16.0	12.4	19.9

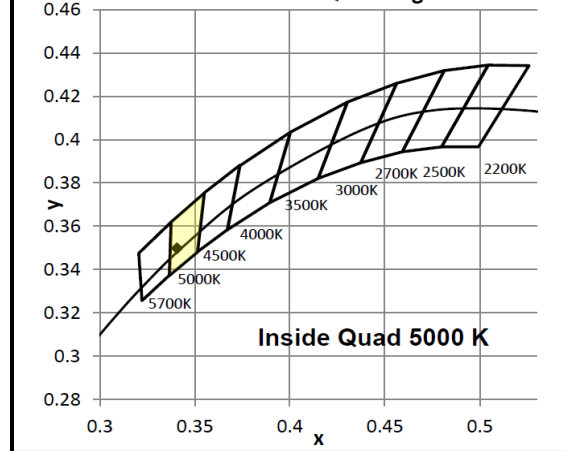
Polar Plot



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	3166	
5	3150	251
10	3106	
15	3033	241
20	2928	
25	2797	223
30	2642	
35	2466	196
40	2271	
45	2061	164
50	1842	
55	1618	129
60	1394	
65	1173	93
70	959	
75	758	60
80	576	
85	420	33
90	303	

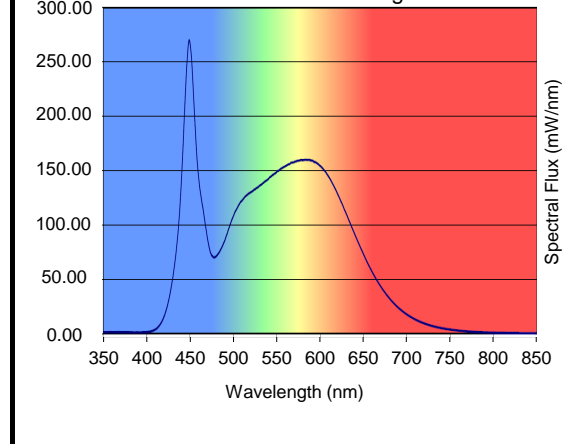
Nominal CCT Quadrangles



Color Rendering Index Details

Ra (CRI)	Value
Ra (CRI)	84.1
R1	82.6
R2	89.0
R3	93.2
R4	84.4
R5	83.8
R6	84.6
R7	86.8
R8	68.4
R9	10.4
R10	73.9
R11	84.2
R12	67.3
R13	84.2
R14	96.5

Flux vs Wavelength



Chromaticity Coordinates

Chromaticity (x)	0.3407
Chromaticity (y)	0.3499
Chromaticity (u)	0.2091
Chromaticity (v)	0.3221
Chromaticity (u')	0.2091
Chromaticity (v')	0.4832
Duv	0.0004

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12162092.01B