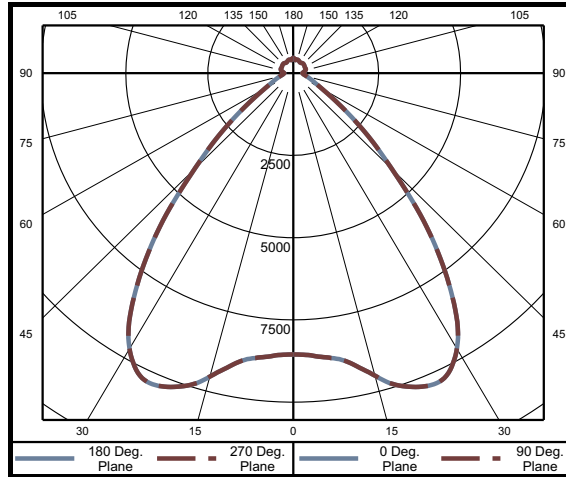




Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.4 °C	120.0 VAC	1.730 A	206.9 W	0.996	60 Hz	4.77 %

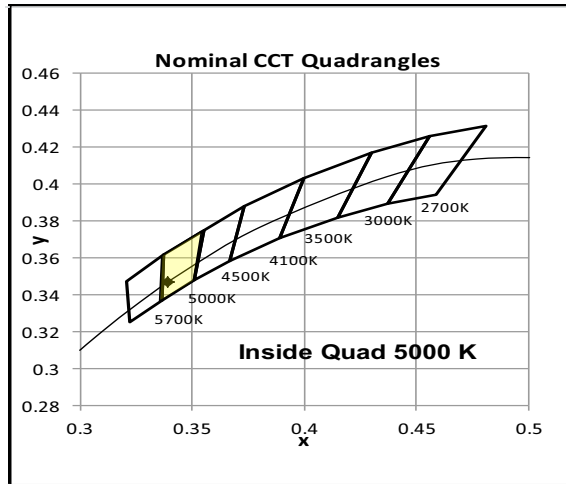
Summary of Results	
Total Lumen Output	23280 Lumens
Luminaire Efficacy	112.4 lm/w
Maximum Candela	10349 Candela
CCT	5230 K
CRI	84.6
Duv	0.0003
TM-30 Rf	81.6
TM-30 Rg	95.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	8549	
5	8647	832
10	8875	
15	9616	2722
20	10139	
25	10346	4719
30	9762	
35	8297	5123
40	6346	
45	4271	3366
50	2811	
55	1717	1591
60	1064	
65	737	754
70	564	
75	437	467
80	344	
85	293	325
90	272	

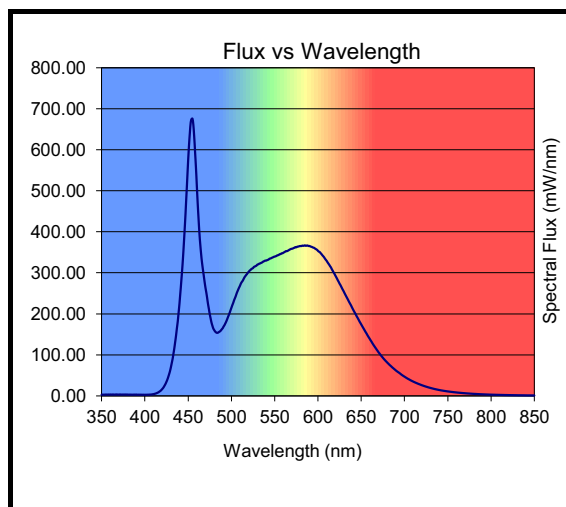
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	8273	37.1%
0-40	13395	60.1%
0-60	18353	82.3%
0-90	19900	89.3%
40-90	6505	29.2%
60-90	1547	6.9%
90-180	2387	10.7%
0-180	22287	100.0%

Spacing Criteria	
0-180	1.44
90-270	1.44



Color Rendering Index Details	
Ra (CRI)	84.6
R1	83.8
R2	90.5
R3	93.3
R4	83.7
R5	83.7
R6	85.0
R7	87.4
R8	69.7
R9	16.1
R10	76.1
R11	82.9
R12	60.7
R13	86
R14	96.6

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	34860
45	17790
55	7377
65	3314
75	2090
85	1518



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	534	5.77
6.00	237	8.65
8.00	134	11.5
10.0	85.5	14.4
12.0	59.4	17.3
14.0	43.6	20.2
16.0	33.4	23.1

Chromaticity Coordinates	
Chromaticity (x)	0.3389
Chromaticity (y)	0.3468
Chromaticity (u)	0.2090
Chromaticity (v)	0.3209
Chromaticity (u')	0.2090
Chromaticity (v')	0.4814
Duv	0.0003

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #11501988.01