

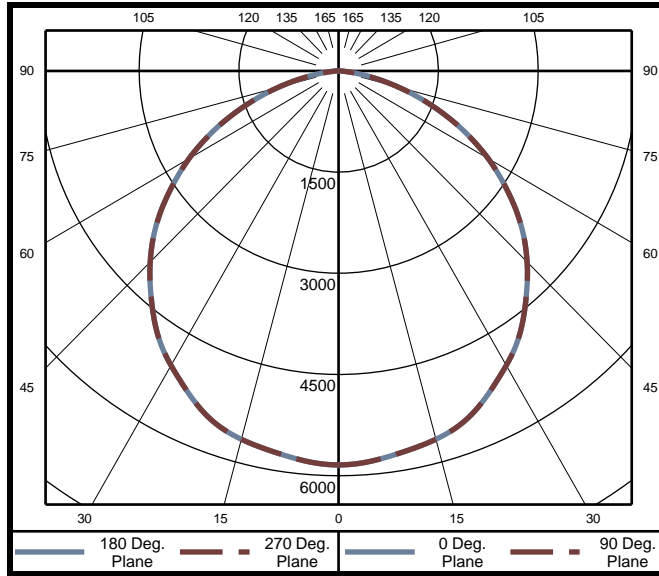


Lighting ETC Inc
Catalog Number
INS-LW-16L-5K8-U-F-XX (REF LT)



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.0 VAC	0.9671 A	115.7 W	0.997	60 Hz	6.64 %

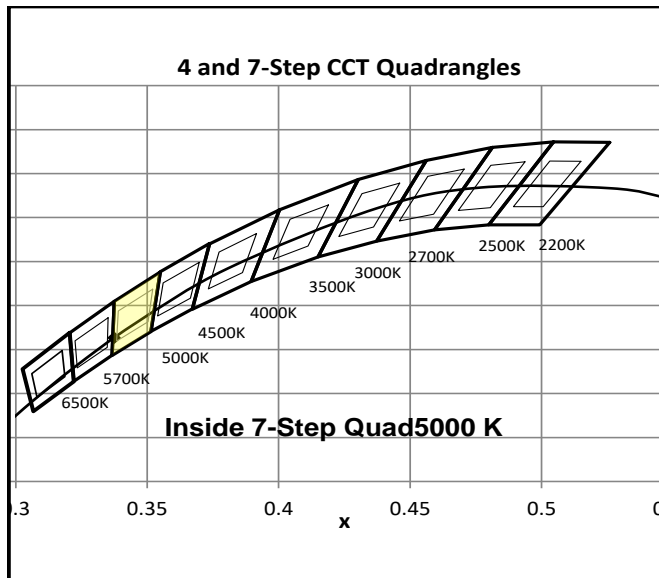
Summary of Results	
Total Lumen Output	16770 Lumens
Luminaire Efficacy	146.4 lm/w
Maximum Candela	5840 Candela
CCT	5290 K
CRI	83.4
Duv	0.0001
TM-30 Rf	83.0
TM-30 Rg	96.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	5840	
5	5804	551
10	5728	
15	5653	1597
20	5528	
25	5302	2445
30	5044	
35	4755	2970
40	4390	
45	4012	3093
50	3592	
55	3105	2776
60	2602	
65	2056	2028
70	1486	
75	943	1004
80	465	
85	131	194
90	45	

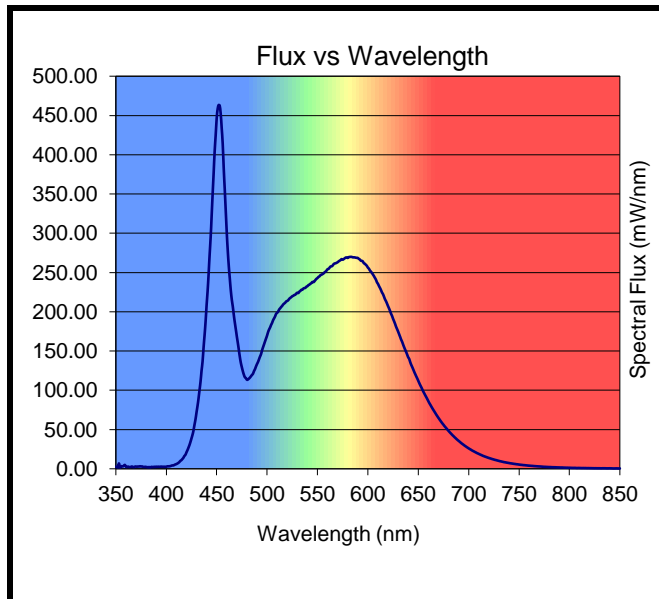
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	4593	27.6%
0-40	7563	45.4%
0-60	13432	80.6%
0-90	16658	99.9%
40-90	9095	54.6%
60-90	3226	19.4%
90-180	12	0.1%
0-180	16670	100.0%

Spacing Criteria	
0-180	1.28
90-270	1.28



Color Rendering Index Details	
Ra (CRI)	83.4
R1	81.9
R2	89.3
R3	93.3
R4	83.0
R5	82.9
R6	84.3
R7	86
R8	66.3
R9	5
R10	74.2
R11	82.6
R12	63.7
R13	84
R14	96.7

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	28820
45	26320
55	24490
65	21120
75	14520
85	4299



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	58.4	12.8
14.0	29.8	18.0
18.0	18.0	23.1
22.0	12.1	28.2
26.0	8.64	33.4
28.0	7.45	35.9
30.0	6.49	38.5

Chromaticity Coordinates	
Chromaticity (x)	0.3374
Chromaticity (y)	0.3453
Chromaticity (u)	0.2086
Chromaticity (v)	0.3203
Chromaticity (u')	0.2086
Chromaticity (v')	0.4804
Duv	0.0001

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14013186.03A

