

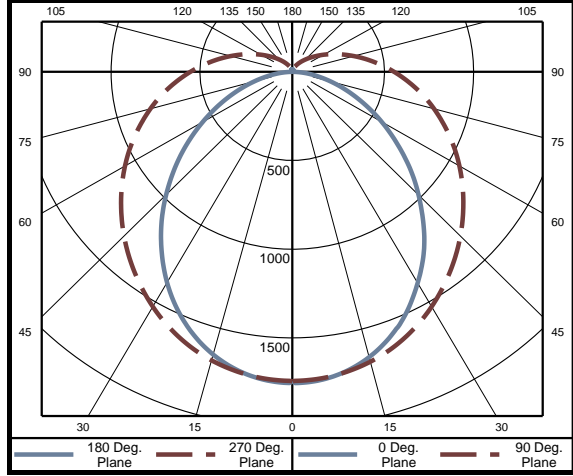


**Lighting ETC Inc**  
Catalog Number  
**W4-H65-90-U-XX**



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.1 VAC	0.5903 A	70.61 W	0.996	60 Hz	7.35 %

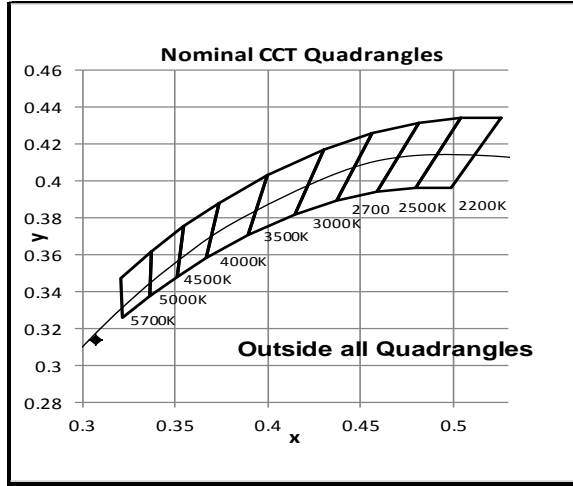
Summary of Results	
Total Lumen Output	6493 Lumens
Luminaire Efficacy	92 lm/w
Maximum Candela	1754 Candela
CCT	6981 K
CRI	95.3
Duv	-0.0025
TM-30 Rf	88.3
TM-30 Rg	100.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	1745	
5	1736	165
10	1711	
15	1665	471
20	1613	
25	1541	710
30	1456	
35	1361	852
40	1260	
45	1153	890
50	1045	
55	936	838
60	830	
65	728	722
70	630	
75	540	572
80	458	
85	383	420
90	318	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1346	21.1%
0-40	2198	34.4%
0-60	3926	61.4%
0-90	5640	88.2%
40-90	3442	53.9%
60-90	1714	26.8%
90-180	752	11.8%
0-180	6392	100.0%

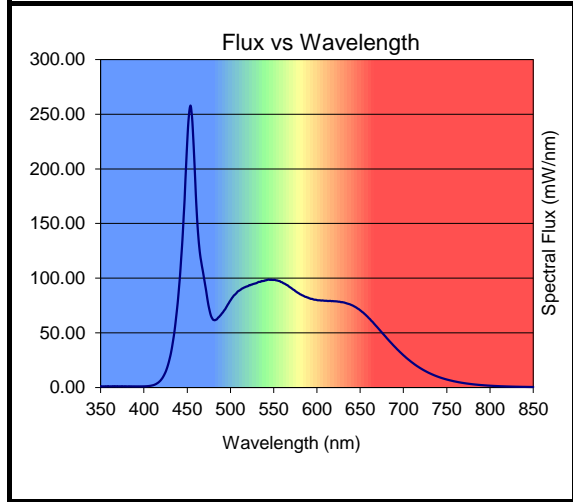
Spacing Criteria	
0-180	1.18
90-270	1.18



Average Luminance cd/m <sup>2</sup>	
Vertical Angle	Horizontal Angle 0°
0	13350
45	10610
55	9351
65	8060
75	6768
85	5775

Color Rendering Index Details	
Ra (CRI)	95.3
R1	96.4
R2	96.7
R3	91.6
R4	96.4
R5	94.2
R6	89.9
R7	98.3
R8	98.7
R9	96.9
R10	89.5
R11	95.3
R12	65.2
R13	98.2
R14	95.2

Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	109	4.96
6.00	48.5	7.45
8.00	27.3	9.93
10.0	17.4	12.4
12.0	12.1	14.9
14.0	8.90	17.4
16.0	6.81	19.9



Chromaticity Coordinates	
Chromaticity (x)	0.3072
Chromaticity (y)	0.3135
Chromaticity (u)	0.1999
Chromaticity (v)	0.3060
Chromaticity (u')	0.1999
Chromaticity (v')	0.4590
Duv	-0.0025

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12134869.01A