

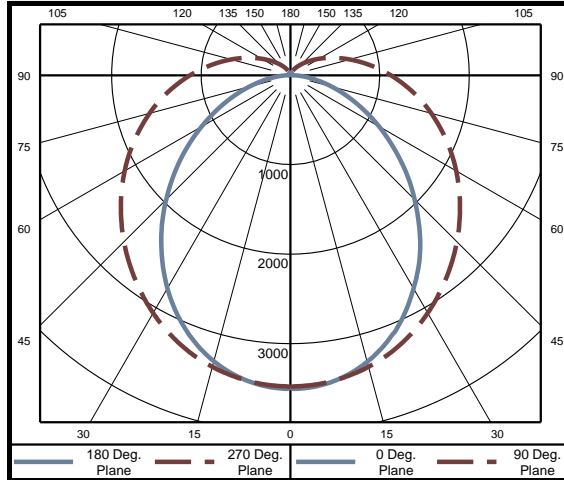


Lighting ETC Inc
 Catalog Number
W8-H65-90-U-XX



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.8 °C	120.1 VAC	1.162 A	138.9 W	0.996	60 Hz	7.61 %

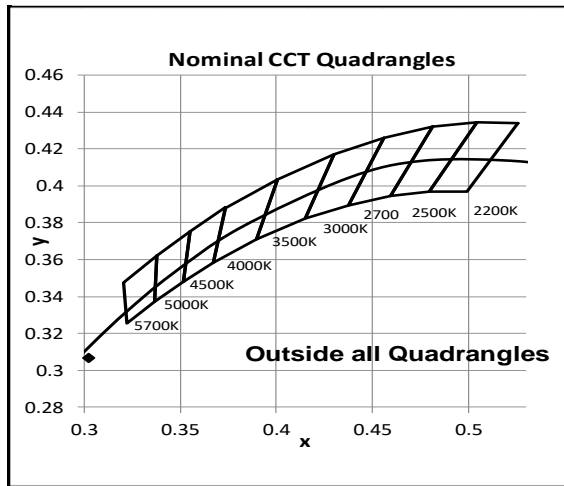
Summary of Results	
Total Lumen Output	14450 Lumens
Luminaire Efficacy	104 lm/w
Maximum Candela	3508 Candela
CCT	7434 K
CRI	94.8
Duv	-0.0035
TM-30 Rf	87.9
TM-30 Rg	100.7



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	3490	
5	3473	330
10	3422	
15	3330	942
20	3226	
25	3082	1420
30	2911	
35	2722	1704
40	2519	
45	2306	1780
50	2089	
55	1873	1677
60	1660	
65	1455	1444
70	1261	
75	1081	1145
80	916	
85	766	839
90	636	

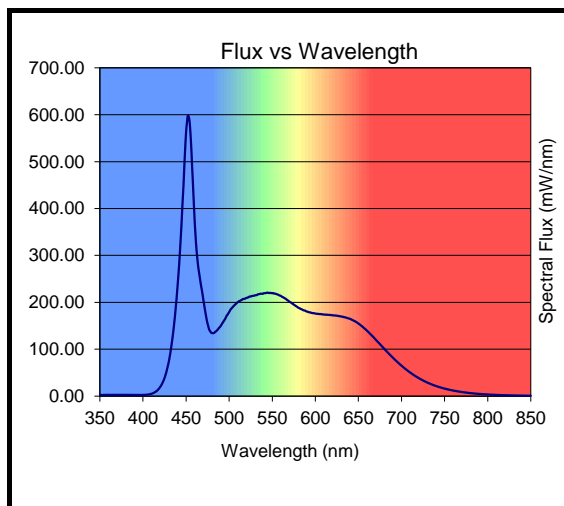
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2692	21.1%
0-40	4396	34.4%
0-60	7853	61.4%
0-90	11281	88.2%
40-90	6885	53.9%
60-90	3428	26.8%
90-180	1504	11.8%
0-180	12784	100.0%

Spacing Criteria	
0-180	1.18
90-270	1.18



Color Rendering Index Details	
Ra (CRI)	94.8
R1	96.5
R2	95.6
R3	89.4
R4	97.0
R5	94.8
R6	88.7
R7	97.2
R8	99.2
R9	97.4
R10	87.1
R11	95.1
R12	65.2
R13	97.7
R14	93.9

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	13360
45	10610
55	9351
65	8060
75	6770
85	5779



Chromaticity Coordinates	
Chromaticity (x)	0.3023
Chromaticity (y)	0.3062
Chromaticity (u)	0.1992
Chromaticity (v)	0.3027
Chromaticity (u')	0.1992
Chromaticity (v')	0.4540
Duv	-0.0035

Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	218	4.96
6.00	96.9	7.45
8.00	54.5	9.93
10.0	34.9	12.4
12.0	24.2	14.9
14.0	17.8	17.4
16.0	13.6	19.9

Testing was performed in accordance with LM-79-08