

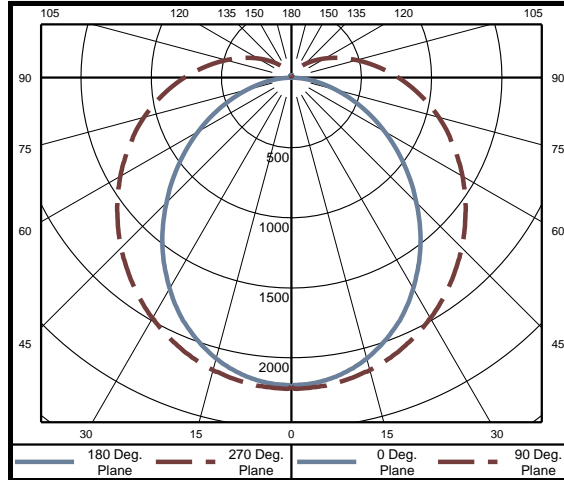


**LIGHTING ETC INC**  
Catalog Number  
**W4-H45-85-U-XX (REF. V3 LUX3)**



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.5 °C	120.1 VAC	0.5765 A	68.92 W	0.996	60 Hz	7.60 %

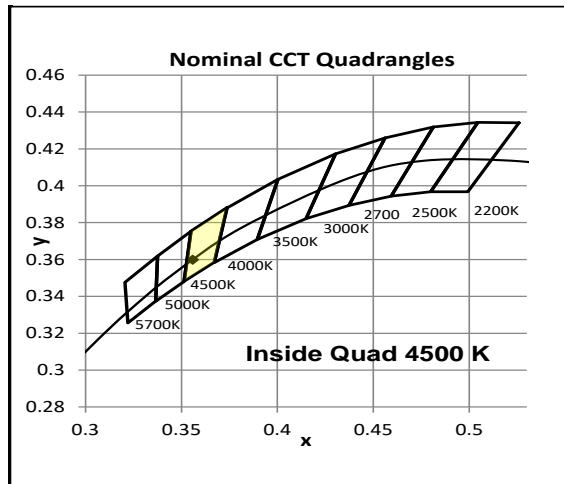
Summary of Results	
Total Lumen Output	8832 Lumens
Luminaire Efficacy	128.2 lm/w
Maximum Candela	2221 Candela
CCT	4645 K
CRI	86.1
Duv	0.0004
TM-30 Rf	83.6
TM-30 Rg	97.2



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	2205	
5	2195	209
10	2164	
15	2108	596
20	2045	
25	1959	903
30	1857	
35	1743	1091
40	1620	
45	1490	1151
50	1358	
55	1225	1097
60	1095	
65	966	958
70	844	
75	728	771
80	621	
85	524	573
90	437	

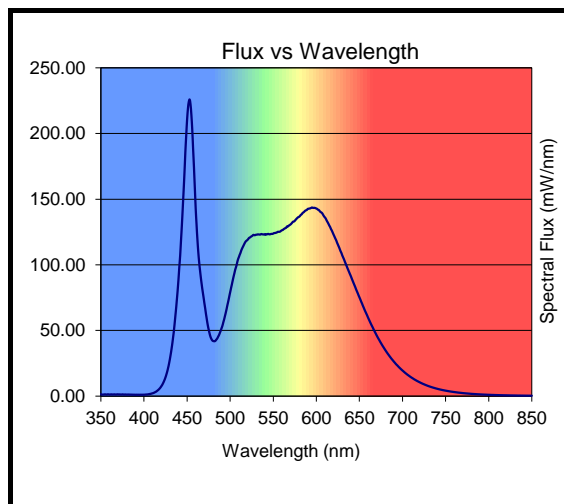
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1707	20.3%
0-40	2798	33.3%
0-60	5047	60.0%
0-90	7349	87.4%
40-90	4551	54.1%
60-90	2302	27.4%
90-180	1063	12.6%
0-180	8412	100.0%

Spacing Criteria	
0-180	1.18
90-270	1.18



Color Rendering Index Details	
Ra (CRI)	86.1
R1	85.8
R2	90.2
R3	92.9
R4	86.9
R5	85.3
R6	85.8
R7	89.2
R8	72.4
R9	23.8
R10	76.0
R11	87
R12	59.7
R13	87.2
R14	96.1

Average Luminance cd/m <sup>2</sup>	
Vertical Angle	Horizontal Angle 0°
0	14850
45	11360
55	10100
65	8698
75	6954
85	4378



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	22.1	12.5
14.0	11.3	17.5
18.0	6.81	22.5
22.0	4.56	27.6
26.0	3.26	32.6
28.0	2.81	35.1
30.0	2.45	37.6

Chromaticity Coordinates	
Chromaticity (x)	0.3558
Chromaticity (y)	0.3599
Chromaticity (u)	0.2154
Chromaticity (v)	0.3268
Chromaticity (u')	0.2154
Chromaticity (v')	0.4902
Duv	0.0004

Testing was performed in accordance with LM-79-08