

**B-K Lighting INC**

Catalog Number

HU-LED-TR-X116-FL-WHP-9-C-1-INC-120 (4000K)**Electrical Test Conditions**

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	0.2904 A	34.24 W	0.983	60 Hz	12.6 %

Summary of Results

Total Lumen Output	3683 Lumens
Luminaire Efficacy	107.6 lm/w
Maximum Candela	4841 Candela
CCT	4177 K
CRI	84.3
Duv	-0.0010
TM-30 Rf	84.6
TM-30 Rg	95.4

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2268	63.4%
0-40	3125	87.4%
0-60	3488	97.5%
0-90	3577	100.0%
40-90	452	12.6%
60-90	89	2.5%
90-180	0	0.0%
0-180	3577	100.0%

Spacing Criteria

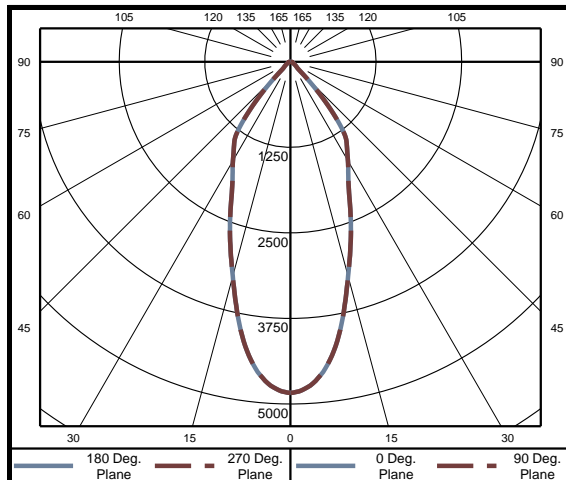
0-180	0.65
90-270	0.65

Average Luminance cd/m²

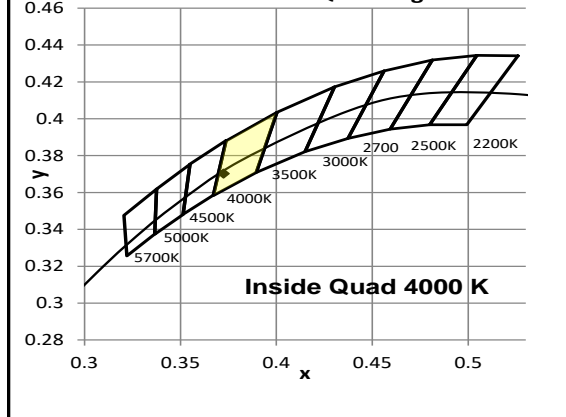
Vertical Angle	Horizontal Angle 0°
0	779900
45	67860
55	23980
65	15950
75	16370
85	36520

Cone of Light Tabulation

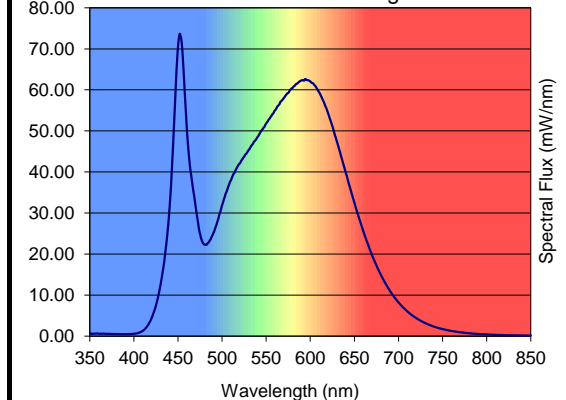
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	303	2.61
6.00	134	3.92
8.00	75.6	5.22
10.0	48.4	6.53
12.0	33.6	7.84
14.0	24.7	9.14
16.0	18.9	10.4

**Intensity (Candlepower) Summary**

Angle	Mean CP	Lumens
0	4841	
5	4640	425
10	4060	
15	3172	906
20	2573	
25	2006	937
30	1676	
35	1423	857
40	920	
45	298	286
50	119	
55	85	77
60	60	
65	42	43
70	32	
75	26	28
80	23	
85	20	18
90	0	

Nominal CCT Quadrangles**Color Rendering Index Details**

Ra (CRI)	84.3
R1	82.9
R2	90.8
R3	95.3
R4	82.5
R5	82.9
R6	86.4
R7	86.6
R8	66.9
R9	14.8
R10	77.4
R11	81.2
R12	64.1
R13	85.1
R14	97.7

Flux vs Wavelength**Chromaticity Coordinates**

Chromaticity (x)	0.3724
Chromaticity (y)	0.3702
Chromaticity (u)	0.2225
Chromaticity (v)	0.3316
Chromaticity (u')	0.2225
Chromaticity (v')	0.4975
Duv	-0.0010

Testing was performed in accordance with LM-79-08

The results contained in this summary pertain only to report #13244408.21