

**B-K Lighting INC**

Catalog Number

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

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	120.1 VAC	0.2904 A	34.28 W	0.983	60 Hz	12.6 %

Summary of Results

Total Lumen Output	3846 Lumens
Luminaire Efficacy	112.2 lm/w
Maximum Candela	9271 Candela
CCT	4164 K
CRI	84.4
Duv	-0.0010
TM-30 Rf	84.7
TM-30 Rg	95.4

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2541	69.0%
0-40	3307	89.8%
0-60	3606	97.9%
0-90	3682	100.0%
40-90	375	10.2%
60-90	76	2.1%
90-180	0	0.0%
0-180	3682	100.0%

Spacing Criteria

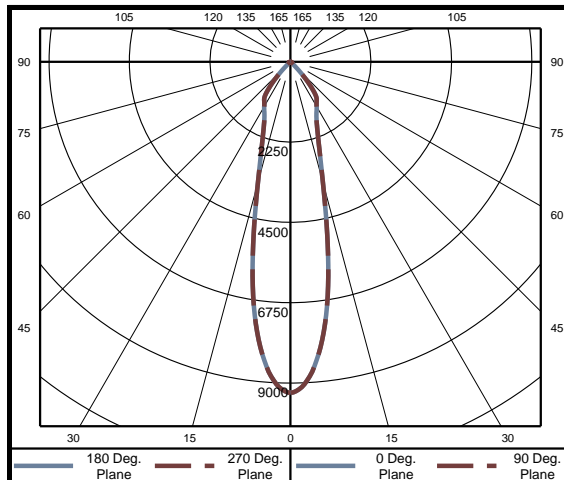
0-180	0.42
90-270	0.42

Average Luminance cd/m²

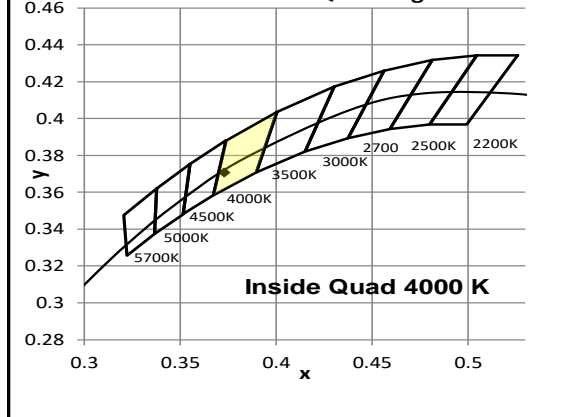
Vertical Angle	Horizontal Angle 0°
0	1494000
45	55890
55	17230
65	12620
75	14790
85	35440

Cone of Light Tabulation

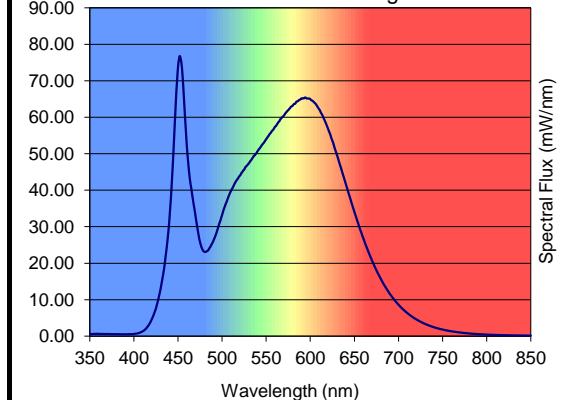
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	579	1.70
6.00	258	2.55
8.00	145	3.39
10.0	92.7	4.24
12.0	64.4	5.09
14.0	47.3	5.94
16.0	36.2	6.79

**Intensity (Candlepower) Summary**

Angle	Mean CP	Lumens
0	9271	
5	8386	728
10	6088	
15	3324	1005
20	2262	
25	1719	808
30	1467	
35	1277	766
40	837	
45	245	244
50	83	
55	61	55
60	43	
65	33	33
70	27	
75	24	25
80	22	
85	19	17
90	0	

Nominal CCT Quadrangles**Color Rendering Index Details**

Ra (CRI)	84.4
R1	83
R2	90.8
R3	95.3
R4	82.6
R5	83
R6	86.5
R7	86.6
R8	67.0
R9	15
R10	77.5
R11	81.3
R12	64.3
R13	85.1
R14	97.7

Flux vs Wavelength**Chromaticity Coordinates**

Chromaticity (x)	0.3730
Chromaticity (y)	0.3706
Chromaticity (u)	0.2226
Chromaticity (v)	0.3318
Chromaticity (u')	0.2226
Chromaticity (v')	0.4977
Duv	-0.0010

Testing was performed in accordance with LM-79-08

The results contained in this summary pertain only to report #13244408.10B