



B-K Lighting INC

Catalog Number

OR-LED-e117-VNSP-WHP-9-0-YM-MT(5000K)



Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	120.1 VAC	0.7695 A	89.77 W	0.971	60 Hz	21.9 %

Summary of Results

Integrating Sphere

Total Lumen Output	9209 lm
Luminaire Efficacy	102.7 lm/w
CCT	5363 K
CRI	83.2
Duv	0.0004
TM-30 Rf	84.0
TM-30 Rg	97.0

Goniophotometer

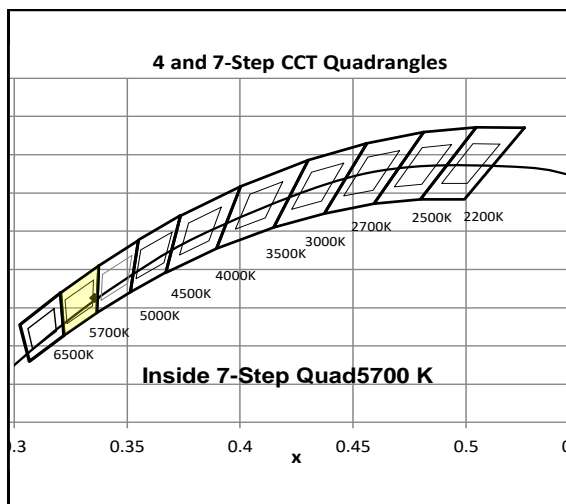
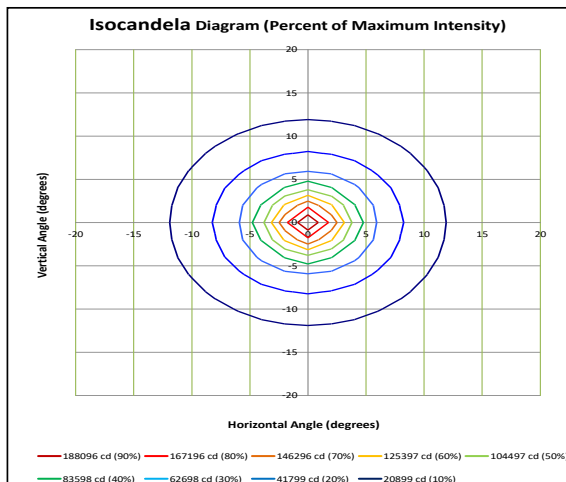
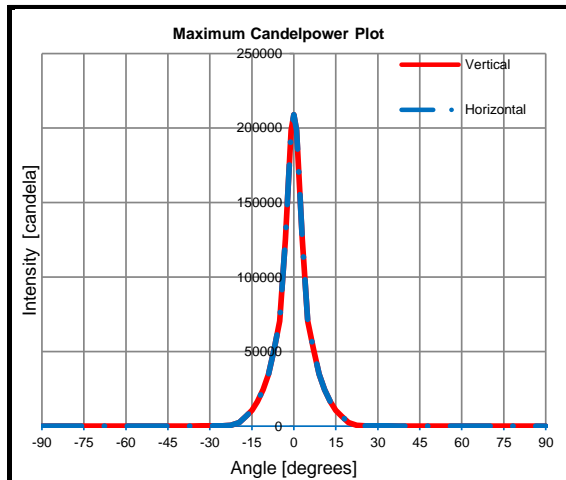
Maximum Candela	208996 cd
Location of Max	0 H 0 V
Total Lumen Output	9573 lm
Field Lumens	7125 lm
Beam Lumens	2115 lm
Spill Light Lumens	2448 lm
Field Angle	23.8 H X 23.8 V
Beam Angle	7.5 H X 7.5 V
IESNA Type	2 H X 2 V

Color Rendering Index Details

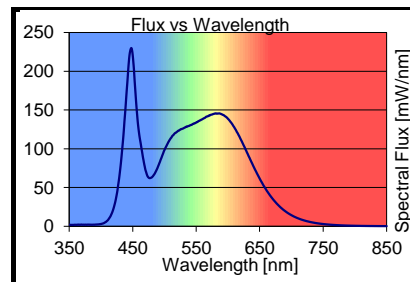
Ra (CRI)	83.2
R1	81.9
R2	87.3
R3	91.6
R4	84.4
R5	83.5
R6	83.3
R7	86
R8	67.7
R9	5.6
R10	70.4
R11	85
R12	69.4
R13	83
R14	95.5

Chromaticity Coordinates

Chromaticity (x)	0.3356
Chromaticity (y)	0.3451
Chromaticity (u)	0.2075
Chromaticity (v)	0.3200
Chromaticity (u')	0.2075
Chromaticity (v')	0.4800
Duv	0.0004



Intensity (Candelpower) Summary		
Angle	Vertical	Horizontal
-85	1	1
-75	5	5
-65	10	10
-55	16	16
-48	23	23
-43	44	44
-38	91	91
-33	149	149
-29	192	192
-26	263	263
-23	515	515
-20	2405	2405
-17	6763	6763
-15	10528	10528
-13	16548	16548
-11	24405	24405
-9	34872	34872
-7	51945	51945
-5	70489	70489
-3	125486	125486
0	208996	208996
3	125486	125486
5	70489	70489
7	51945	51945
9	34872	34872
11	24405	24405
13	16548	16548
15	10528	10528
17	6763	6763
20	2405	2405
23	515	515
26	263	263
29	192	192
33	149	149
38	91	91
43	44	44
48	23	23
55	16	16
65	10	10
75	5	5
85	1	1



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14151565.05