



**B-K LIGHTING INC**  
Catalog Number  
**AR-LED-x54-SP-12**



**Electrical Test Conditions**

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	0.09020 A	10.75 W	0.993	60 Hz	8.11 %

**Summary of Results**

**Integrating Sphere**

Total Lumen Output	873.6 lm
Luminaire Efficacy	81.3 lm/w
CCT	4076 K
CRI	80.9
Duv	-0.0014
TM-30 Rf	79.7
TM-30 Rg	96.6

**Goniophotometer**

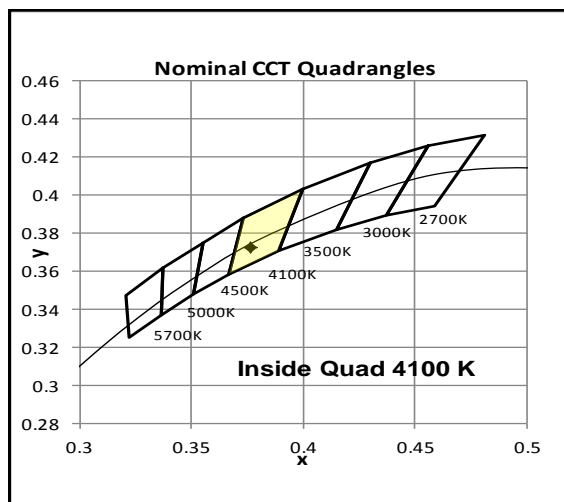
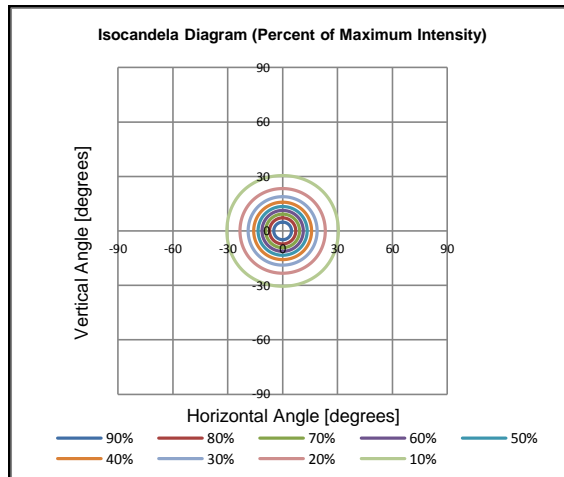
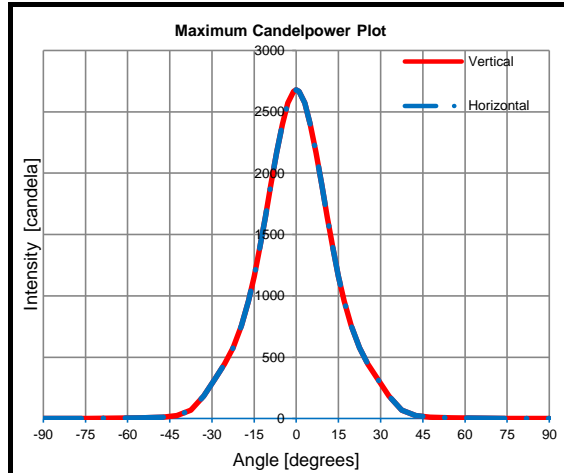
Maximum Candela	2680 cd
Location of Max	0 H 0 V
Total Lumen Output	856 lm
Field Lumens	760 lm
Beam Lumens	336 lm
Spill Light Lumens	96 lm
Field Angle	61 H X 61 V
Beam Angle	26.8 H X 26.8 V
IESNA Type	4 H X 4 V

**Color Rendering Index Details**

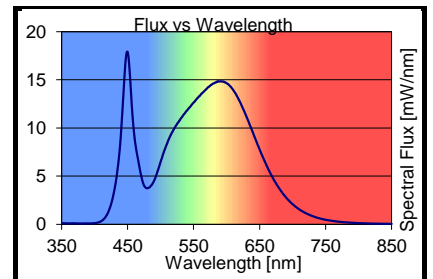
Ra (CRI)	80.9
R1	79.3
R2	86.3
R3	91
R4	80.3
R5	79.1
R6	80.4
R7	85.8
R8	64.9
R9	6.7
R10	66.9
R11	78.2
R12	58.1
R13	80.7
R14	94.9

**Chromaticity Coordinates**

Chromaticity (x)	0.3765
Chromaticity (y)	0.3726
Chromaticity (u)	0.2242
Chromaticity (v)	0.3328
Chromaticity (u')	0.2242
Chromaticity (v')	0.4991
Duv	-0.0014



Intensity (Candelpower) Summary		
Angle	Vertical	Horizontal
-85	0	0
-75	2	2
-65	4	4
-55	7	7
-48	12	12
-43	23	23
-38	69	69
-33	182	182
-29	320	320
-26	445	445
-23	576	576
-20	757	757
-17	957	957
-15	1158	1158
-13	1389	1389
-11	1644	1644
-9	1908	1908
-7	2167	2167
-5	2397	2397
-3	2572	2572
0	2680	2680
3	2572	2572
5	2397	2397
7	2167	2167
9	1908	1908
11	1644	1644
13	1389	1389
15	1158	1158
17	957	957
20	757	757
23	576	576
26	445	445
29	320	320
33	182	182
38	69	69
43	23	23
48	12	12
55	7	7
65	4	4
75	2	2
85	0	0



Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #11353040.16