

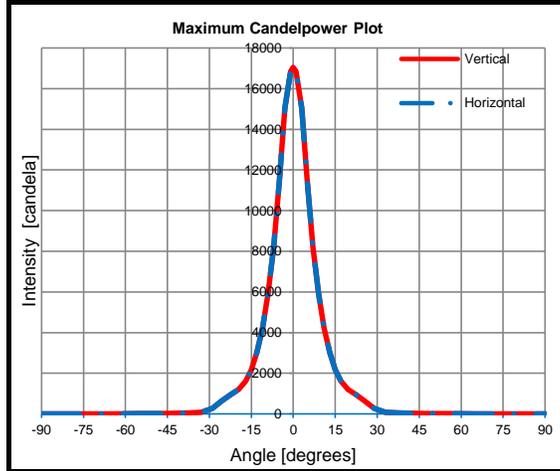


B-K LIGHTING INC
 Catalog Number
AA-BB-LED-X66-SP-9



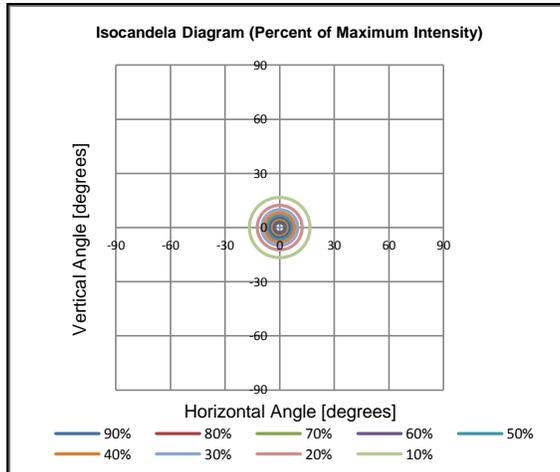
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.4 °C	120.0 VAC	0.2340 A	27.66 W	0.981	60 Hz	16.7 %

Summary of Results	
Integrating Sphere	
Total Lumen Output	1967 lm
Luminaire Efficacy	70.9 lm/w
CCT	4132 K
CRI	80.3
Duv	-0.0008
TM-30 Rf	79.0
TM-30 Rg	94.6

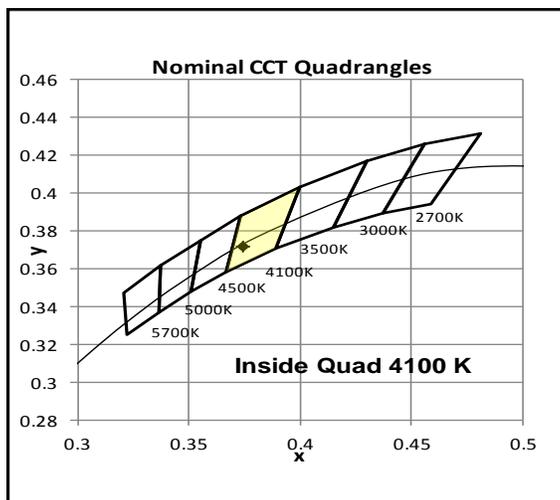


Intensity (Candelpower) Summary		
Angle	Vertical	Horizontal
-85	1	1
-75	5	5
-65	9	9
-55	13	13
-48	20	20
-43	32	32
-38	54	54
-33	81	81
-29	266	266
-26	652	652
-23	950	950
-20	1210	1210
-17	1611	1611
-15	2181	2181
-13	3028	3028
-11	4222	4222
-9	5899	5899
-7	8223	8223
-5	11500	11500
-3	15044	15044
0	17042	17042
3	15044	15044
5	11500	11500
7	8223	8223
9	5899	5899
11	4222	4222
13	3028	3028
15	2181	2181
17	1611	1611
20	1210	1210
23	950	950
26	652	652
29	266	266
33	81	81
38	54	54
43	32	32
48	20	20
55	13	13
65	9	9
75	5	5
85	1	1

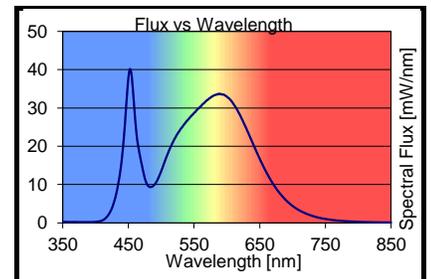
Goniophotometer	
Maximum Candela	17042 cd
Location of Max	0 H 0 V
Total Lumen Output	1923 lm
Field Lumens	1357 lm
Beam Lumens	497 lm
Spill Light Lumens	566 lm
Field Angle	33.3 H X 33.3 V
Beam Angle	13.6 H X 13.6 V
IESNA Type	3 H X 3 V



Color Rendering Index Details	
Ra (CRI)	80.3
R1	78.3
R2	86.8
R3	92
R4	78.2
R5	77.8
R6	80.5
R7	85.4
R8	62.9
R9	2.1
R10	67.4
R11	75
R12	54.9
R13	80.3
R14	95.5



Chromaticity Coordinates	
Chromaticity (x)	0.3745
Chromaticity (y)	0.3721
Chromaticity (u)	0.2230
Chromaticity (v)	0.3324
Chromaticity (u')	0.2230
Chromaticity (v')	0.4986
Duv	-0.0008



Testing was performed in accordance with LM-79-08
 The results contained in this summary pertain only to report #11353040.52