

B-K Lighting INC
Catalog Number
DI-LED-TR-e153-7°-VNSP-WHP-C-INC-MT

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.3 °C	120.0 VAC	0.07954 A	9.291 W	0.973	60 Hz	19.4 %

Summary of Results

Integrating Sphere

Total Lumen Output	443.7 lm
Luminaire Efficacy	48 lm/w
CCT	4319 K
CRI	79.6
Duv	0.0017
TM-30 Rf	80.0
TM-30 Rg	98.0

Goniophotometer

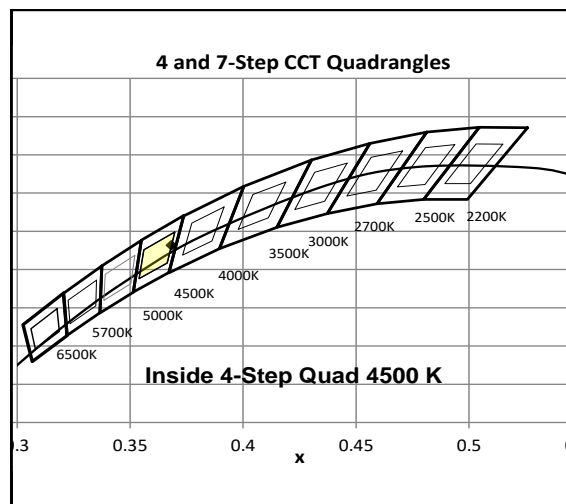
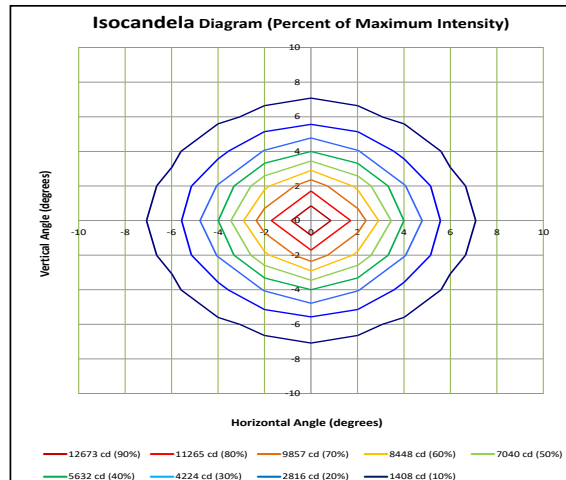
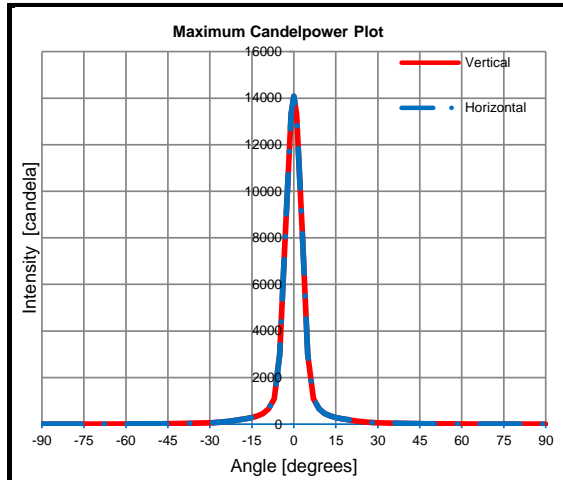
Maximum Candela	14082 cd
Location of Max	0 H 0 V
Total Lumen Output	450 lm
Field Lumens	209 lm
Beam Lumens	140 lm
Spill Light Lumens	241 lm
Field Angle	13.3 H X 13.3 V
Beam Angle	6.9 H X 6.9 V
IESNA Type	1 H X 1 V

Color Rendering Index Details

Ra (CRI)	79.6
R1	78.2
R2	83.1
R3	87.7
R4	81.0
R5	78.6
R6	77.8
R7	84.9
R8	65.8
R9	4
R10	60.7
R11	80.5
R12	61.7
R13	78.5
R14	93.0

Chromaticity Coordinates

Chromaticity (x)	0.3682
Chromaticity (y)	0.3727
Chromaticity (u)	0.2187
Chromaticity (v)	0.3320
Chromaticity (u')	0.2187
Chromaticity (v')	0.4980
Duv	0.0017



Intensity (Candlepower) Summary		
Angle	Vertical	Horizontal
-85	1	1
-75	2	2
-65	5	5
-55	15	15
-48	19	19
-43	24	24
-38	34	34
-33	47	47
-29	66	66
-26	95	95
-23	134	134
-20	184	184
-17	235	235
-15	287	287
-13	358	358
-11	463	463
-9	653	653
-7	1091	1091
-5	2995	2995
-3	8251	8251
0	14082	14082
3	8251	8251
5	2995	2995
7	1091	1091
9	653	653
11	463	463
13	358	358
15	287	287
17	235	235
20	184	184
23	134	134
26	95	95
29	66	66
33	47	47
38	34	34
43	24	24
48	19	19
55	15	15
65	5	5
75	2	2
85	1	1

