



B-K LIGHTING INC

Catalog Number

MYK-LED-e196-2-WHP-SD-B2-010-MT (2700K,80CRI)

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	0.06723 A	7.920 W	0.982	60 Hz	12.9 %

Summary of Results

Total Lumen Output	423.5 Lumens
Luminaire Efficacy	53.5 lm/w
Maximum Candela	1008 Candela
IES Roadway Classification	Type II, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B0 U3 G1
CCT	2771 K
CRI	82.1
Duv	0.0000
TM-30 Rf	84.0
TM-30 Rg	97.0

Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	12	3%
FM	(30-60)	268	61%
FH	(60-80)	65	15%
FVH	(80-90)	20	5%
BL	(0-30)	0	0%
BM	(30-60)	0	0%
BH	(60-80)	0	0%
BVH	(80-90)	0	0%
UL	(90-100)	16	4%
UH	(100-180)	59	13%

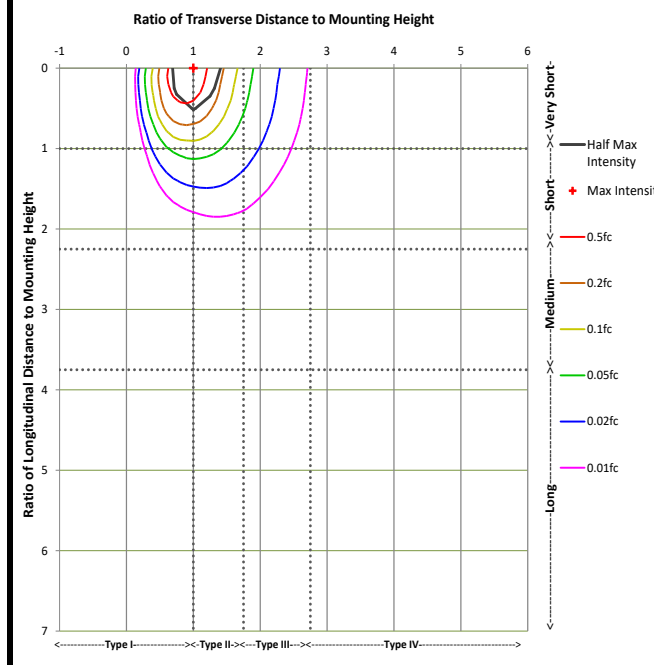
Color Rendering Index Details

Ra (CRI)	82.1
R1	80.2
R2	89.8
R3	97
R4	80.4
R5	80.1
R6	87.9
R7	82.7
R8	58.4
R9	7.5
R10	76.7
R11	79.7
R12	72.8
R13	82.3
R14	98.6

Chromaticity Coordinates

Chromaticity (x)	0.4542
Chromaticity (y)	0.4095
Chromaticity (u)	0.2593
Chromaticity (v)	0.3507
Chromaticity (u')	0.2593
Chromaticity (v')	0.5261

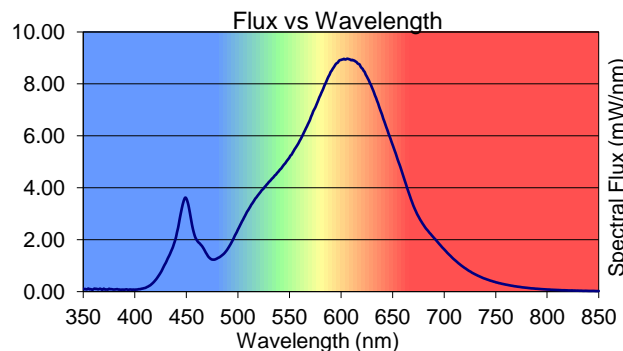
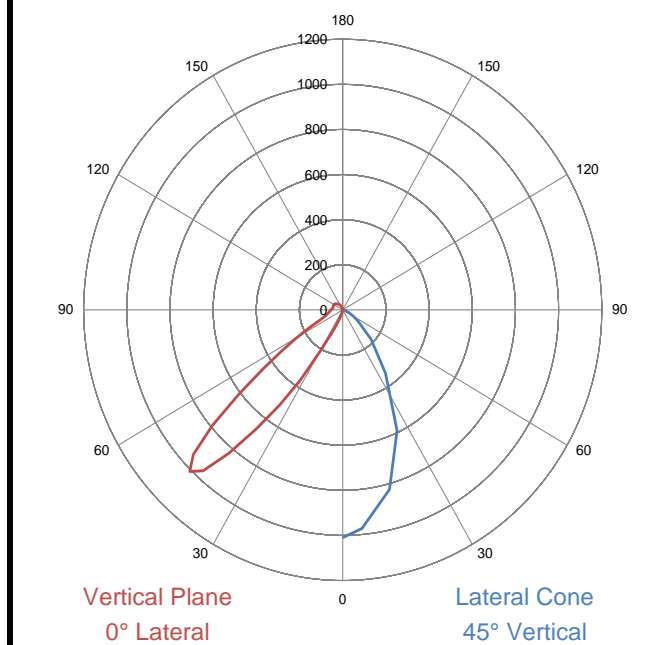
ISO FootCandle Plot at 20 Feet



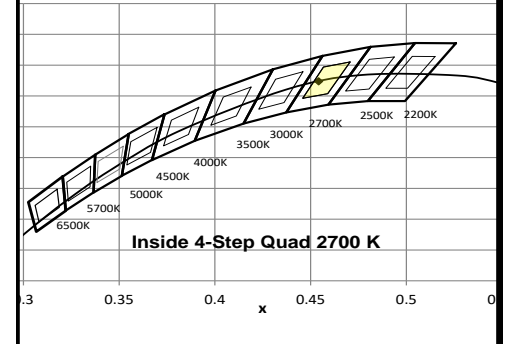
Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	0	
5	0	0
10	5	
15	18	2
20	38	
25	90	11
30	211	
35	515	61
40	826	
45	1008	123
50	791	
55	453	84
60	252	
65	143	40
70	93	
75	76	25
80	66	
85	59	20
90	55	
95	50	16
100	45	
105	46	15
110	46	
115	48	14
120	47	
125	45	12
130	42	
135	39	9
140	34	
145	30	5
150	25	
155	20	3
160	15	
165	11	1
170	6	
175	0	0
180	0	

Maximum Plane and Cone Plots of Candela



4 and 7-Step CCT Quadrangles



Testing was performed in accordance with LM-79-08

The results contained in this summary pertain only to report #14692250.01