



B-K LIGHTING INC

Catalog Number

MYK-LED-e198-2-WHP-SD-B2-010-MT (3500K,80CRI)

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	120.0 VAC	0.06731 A	7.921 W	0.981	60 Hz	13.0 %

Summary of Results

Total Lumen Output	478.6 Lumens
Luminaire Efficacy	60.4 lm/w
Maximum Candela	1077 Candela
IES Roadway Classification	Type II, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B0 U3 G1
CCT	3328 K
CRI	80.5
Duv	0.0022
TM-30 Rf	83.0
TM-30 Rg	97.0

Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	16	3%
FM	(30-60)	288	60%
FH	(60-80)	69	14%
FVH	(80-90)	22	5%
BL	(0-30)	0	0%
BM	(30-60)	0	0%
BH	(60-80)	0	0%
BVH	(80-90)	0	0%
UL	(90-100)	18	4%
UH	(100-180)	65	14%

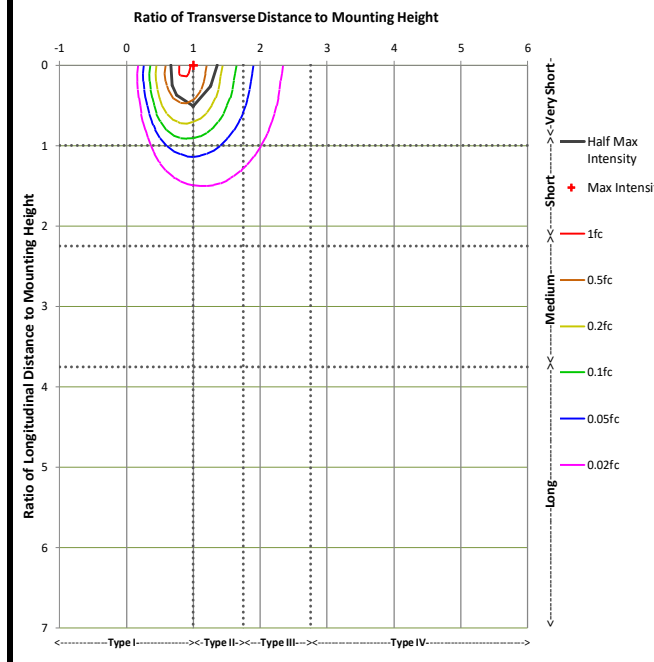
Color Rendering Index Details

Ra (CRI)	80.5
R1	78.4
R2	86.2
R3	93.2
R4	80.1
R5	78
R6	81.6
R7	85.2
R8	61.3
R9	4.2
R10	67.8
R11	78.2
R12	61.6
R13	79.8
R14	95.9

Chromaticity Coordinates

Chromaticity (x)	0.4178
Chromaticity (y)	0.4018
Chromaticity (u)	0.2392
Chromaticity (v)	0.3451
Chromaticity (u')	0.2392
Chromaticity (v')	0.5176

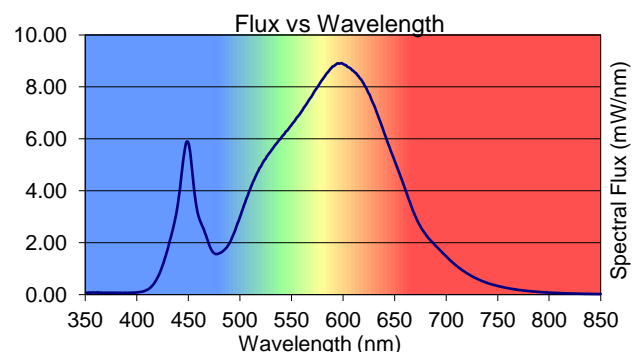
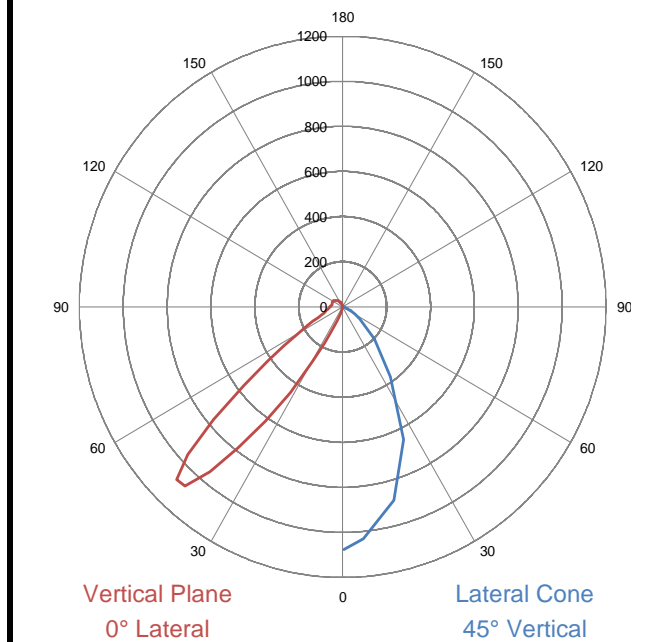
ISO FootCandle Plot at 20 Feet



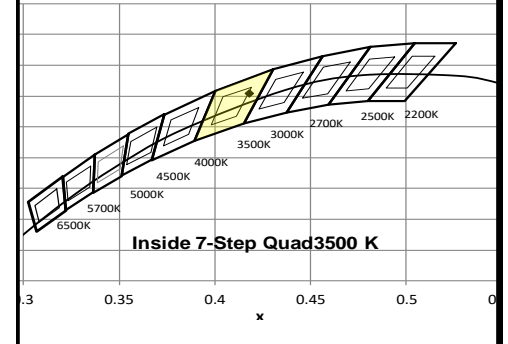
Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	0	
5	1	0
10	8	
15	23	2
20	47	
25	119	14
30	278	
35	618	72
40	949	
45	1077	133
50	774	
55	419	83
60	243	
65	152	42
70	104	
75	84	28
80	73	
85	64	22
90	59	
95	54	18
100	49	
105	49	16
110	50	
115	51	16
120	50	
125	49	13
130	46	
135	42	10
140	37	
145	32	6
150	27	
155	22	3
160	16	
165	12	1
170	7	
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 #14692250.03