



## B-K LIGHTING INC

Catalog Number

MYK-LED-e197-2-WHP-SD-B2-010-MT (3000K,80CRI)

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### Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	120.0 VAC	0.06747 A	7.952 W	0.982	60 Hz	12.7 %

### Summary of Results

Total Lumen Output	490 Lumens
Luminaire Efficacy	61.6 lm/w
Maximum Candela	1210 Candela
IES Roadway Classification	Type II, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B0 U3 G1
CCT	3103 K
CRI	81.8
Duv	0.0006
TM-30 Rf	84.0
TM-30 Rg	97.0

### Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	18	4%
FM	(30-60)	309	62%
FH	(60-80)	64	13%
FVH	(80-90)	21	4%
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)	67	13%

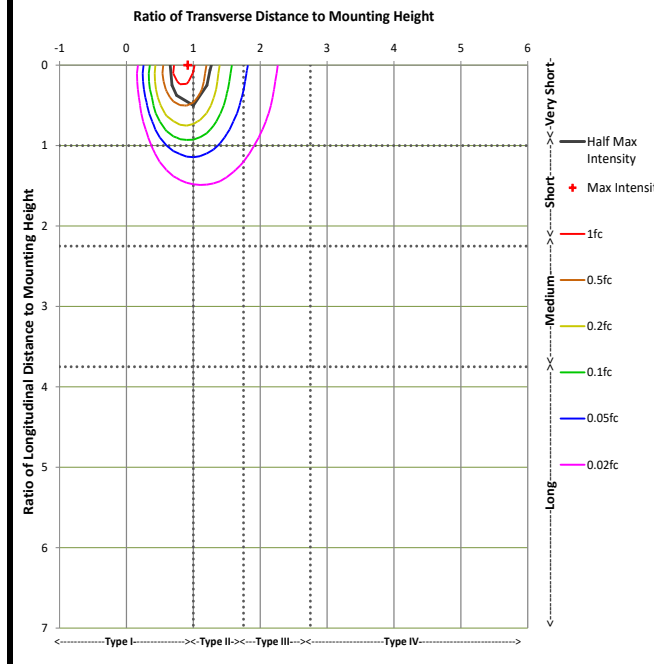
### Color Rendering Index Details

Ra (CRI)	81.8
R1	79.8
R2	88.3
R3	95.7
R4	80.6
R5	79.5
R6	85.0
R7	84.6
R8	60.8
R9	7.3
R10	72.8
R11	79.2
R12	66.9
R13	81.5
R14	97.4

### Chromaticity Coordinates

Chromaticity (x)	0.4312
Chromaticity (y)	0.4048
Chromaticity (u)	0.2466
Chromaticity (v)	0.3472
Chromaticity (u')	0.2466
Chromaticity (v')	0.5208

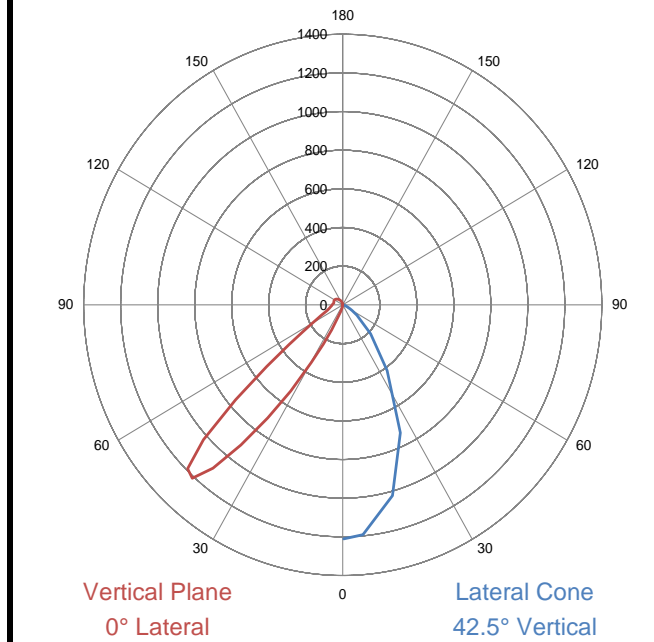
### ISO FootCandle Plot at 20 Feet



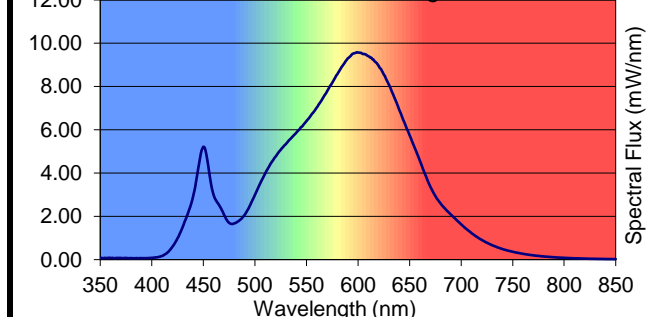
### Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	0	
5	1	0
10	7	
15	24	2
20	48	
25	143	16
30	343	
35	712	83
40	1098	
45	1192	147
50	760	
55	356	79
60	195	
65	130	37
70	95	
75	78	26
80	68	
85	61	21
90	57	
95	54	18
100	50	
105	49	16
110	51	
115	52	16
120	51	
125	50	14
130	46	
135	43	10
140	38	
145	34	6
150	28	
155	23	3
160	17	
165	13	1
170	8	
175	0	0
180	0	

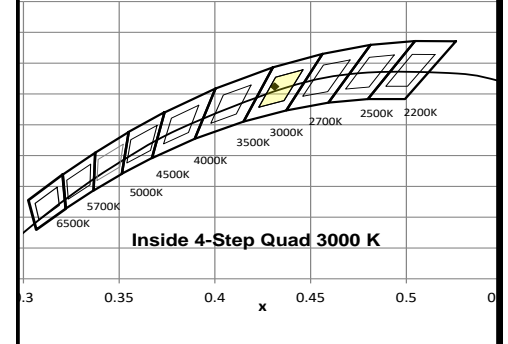
### Maximum Plane and Cone Plots of Candela



### Flux vs Wavelength



### 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 #14692250.02