



UL LLC
1075 W Lambert Rd Suite B
Brea, CA 92821

CEC JA10 Flicker Test Report

Relevant Standards

IES LM-9-2009, IES LM-46-2004, IES LM-66-2014, IES LM-79-2008
ANSI C82.2-2002, ENERGY STAR® Lamps 1.1: Noise Recommended Practices
CEC Title 24 Part 6 Joint Appendix JA10

Prepared For

B-K LIGHTING INC

DANIEL CARREJO
40429 BRICKYARD DR.
MADERA, CA 93636-9515
UNITED STATES

Catalog Number

DE-LED-X67-SP-WHP-9-C

Order Number

12936070

Test Number

12936070.02A

Revised:

2019-09-12

Test Date

2019-09-03

Prepared By

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Approved By

Eric Gaudreau, Engineering Leader

The results contained in this report pertain only to the tested sample.

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Description: White cylindrical metal housing with prismatic/semi-specular reflector and glass lens
Lamp: One (1) White LED
Driver: ERP PSB30W-0700-34
Dimmer: Lutron DV-600P-WH
Mounting: Surface
Represented Models: AA-BB-LED-X67-SP-WHP-9-C, where AA and BB represent mounting options, can be any alpha numeric combination, or blank

Luminaire



100% Electrical Values	
Test Temperature:	24.0 °C
Voltage:	120.0 VAC
Current:	0.122 A
Power:	13.2 W
Power Factor:	0.90083
Frequency:	60 Hz
Current THD:	44.715 %

100% Light Output Percent Amplitude Modulation					
No Filter	40 Hz	90 Hz	200 Hz	400 Hz	1000 Hz
4.29%	0.15%	0.20%	0.56%	0.71%	0.94%
Measurement Period:			Noise:		
2.000 sec			19.8 dBA		
Recording Interval:			Fraction of rated light output:		
4.00E-05 sec			100%		
Flicker Index:		0.0025			

20% Electrical Values	
Test Temperature:	24.0 °C
Voltage:	120.1 VAC
Current:	0.101 A
Power:	4.023 W
Power Factor:	0.3322
Frequency:	60 Hz
Current THD:	152.31 %

20% Light Output Percent Amplitude Modulation					
No Filter	40 Hz	90 Hz	200 Hz	400 Hz	1000 Hz
49.71%	0.58%	1.75%	25.84%	40.42%	43.09%
Measurement Period:			Noise:		
2.000 sec			19.9 dBA		
Recording Interval:			Fraction of rated light output:		
4.00E-05 sec			20%		
Flicker Index:		0.1205			

Minimum Electrical Values	
Test Temperature:	24.0 °C
Voltage:	120.0 VAC
Current:	0.073 A
Power:	2.146 W
Power Factor:	0.2521
Frequency:	60 Hz
Current THD:	196.81 %

Minimum Light Output Percent Amplitude Modulation					
No Filter	40 Hz	90 Hz	200 Hz	400 Hz	1000 Hz
46.41%	1.23%	2.23%	21.51%	40.77%	41.45%
Measurement Period:			Noise:		
2.000 sec			20.7 dBA		
Recording Interval:			Fraction of rated light output:		
4.00E-05 sec			4%		
Flicker Index:		0.1041			