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Allentown, PA 18106
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Photometric Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-10-2014, UL 1598-2008
CIE 13.3-1995, CIE 15-2004, ANSI C78.377-2017
IES TM-30-2018

Prepared For
B-K LIGHTING INC

40429 Brickyard, Dr
Madera, CA 93636-9515
United States

Catalog Number

MYK-LED-e200-2-WHP-SD-B2-010-MT (2700K,90CRI)

Order Number
14692250
Test Number
14692250.04

Test Date

2023-02-28 - 2023-03-02

Prepared By

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Approved By

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The results contained in this report pertain only to the tested sample.
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Laboratory results may not be representative of field performance
Ballast factors have not been applied

Testing was performed in a 2-meter integrating sphere using the 4π geometry method.

Absorption correction was employed for Sphere measurement



Luminaire Description: Gray cast aluminum housing, white top, clear lens enclosure.
Lamp: Three white LEDs
Mounting: Recessed
Ballast/Driver: ESS010W-0750-12

Luminaire



Summary of Results

Integrating Sphere

Luminous Flux:	343.3 Lumens
Efficacy:	43.5 lm/w
CCT:	2686 K
CRI (Ra):	93.2

Electrical Data at 120 VAC

Test Temperature:	25.1 °C
Voltage:	120.0 VAC
Current:	0.06704 A
Power:	7.892 W
Power Factor:	0.981
Frequency:	60 Hz
Current THD:	13.0 %

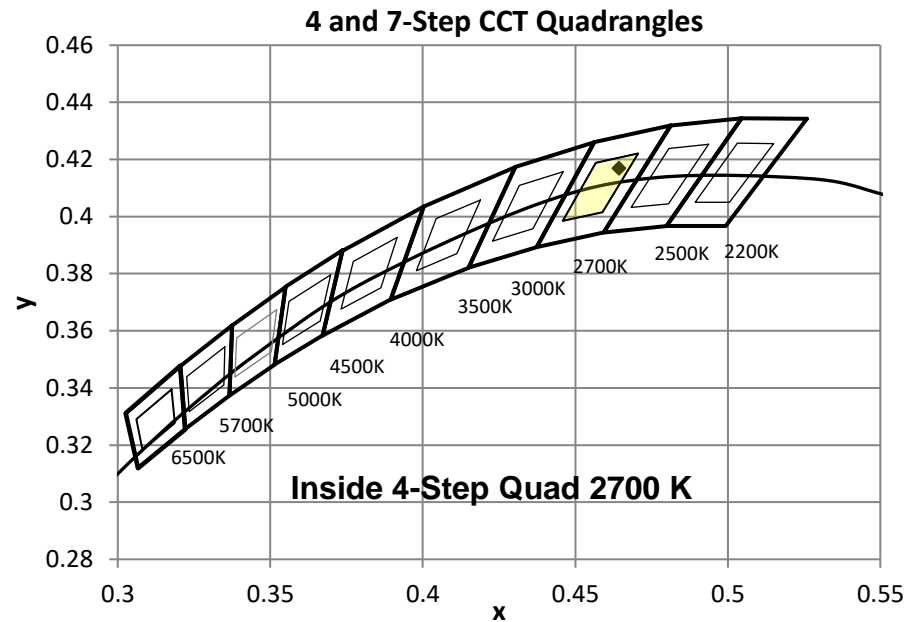
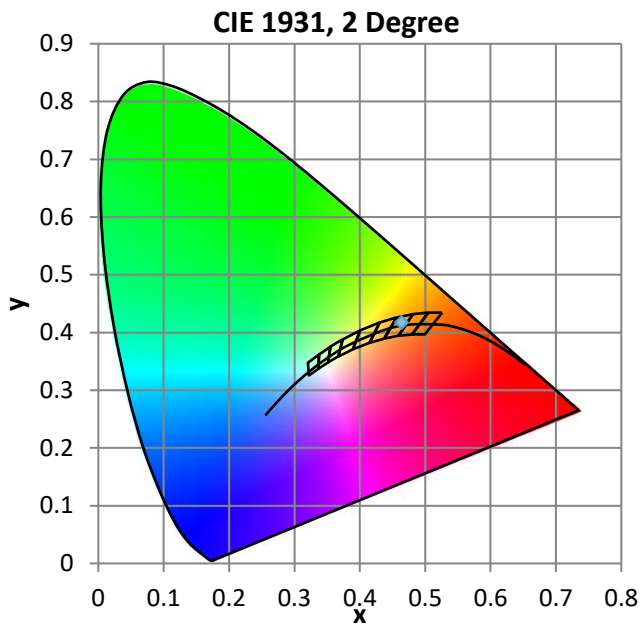
Color Quality - Integrating Sphere

Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.0 VAC	0.06704 A	7.892 W	0.981	60 Hz	13.0 %

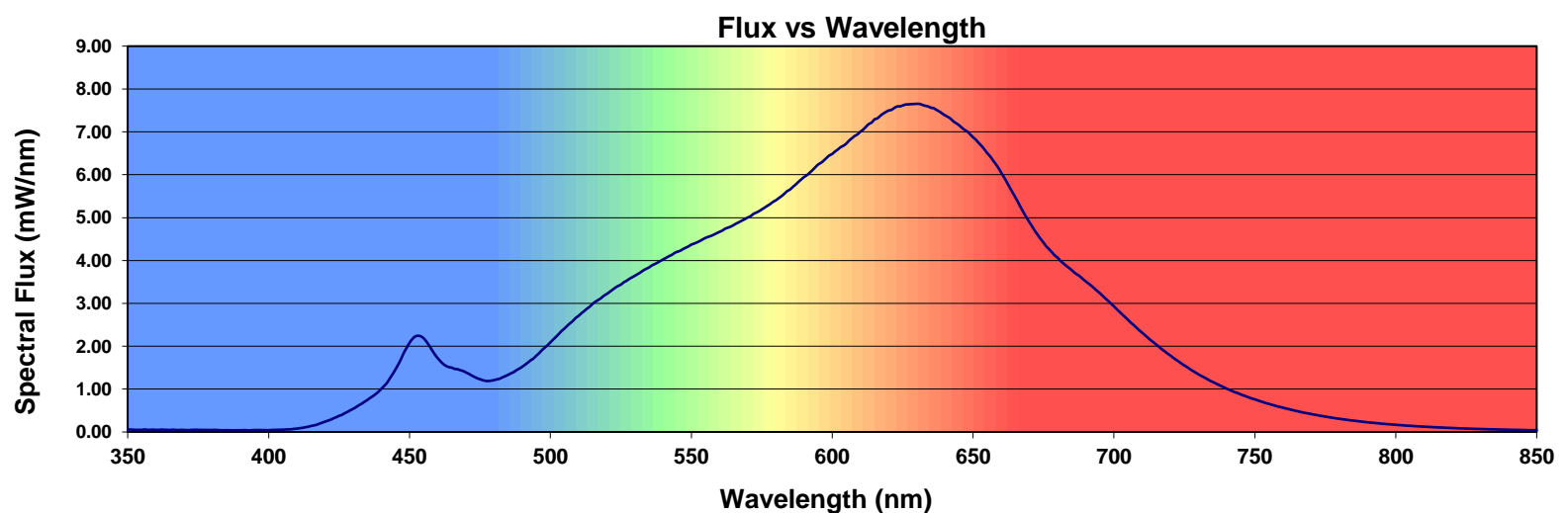
Summary of Results

Total Output:	343 Lumens	Chromaticity (x):	0.4643
Efficacy:	43.5 lm/w	Chromaticity (y):	0.4169
CCT:	2686 K	Chromaticity (u'):	0.2625
CRI (Ra):	93.2	Chromaticity (v'):	0.5304
CRI (R9):	65.4	TM-30 Rf:	93
Peak Wavelength:	630 nm	TM-30 Rg:	99
Dominant Wavelength:	555 nm	TM-30 Rcs,h1:	-4%
S/P Ratio:	1.25	Duv:	0.0020
M/P Ratio:	0.46	WELL Building Standard v2	



Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.2	93.5	95.3	95.4	94.4	92.6	94.5	94.6	85.2	65.4	87.5	94.9	82.2	93.8	96.3	90.0



ANSI/IES TM-30-18 Color Rendition Report

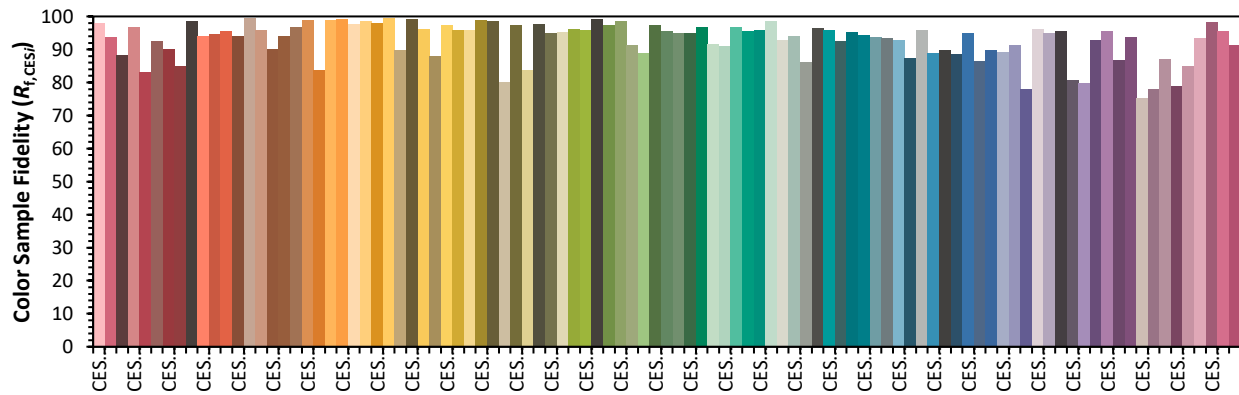
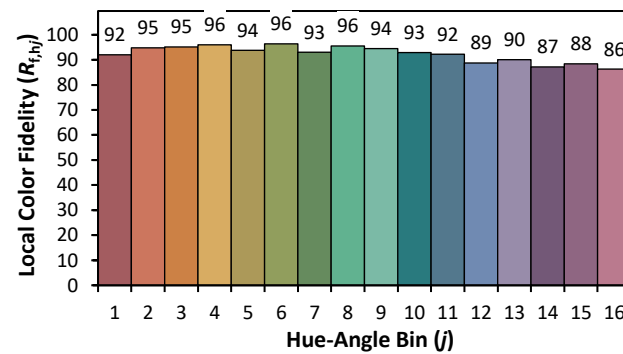
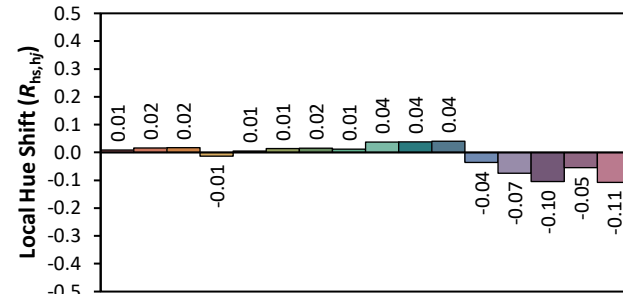
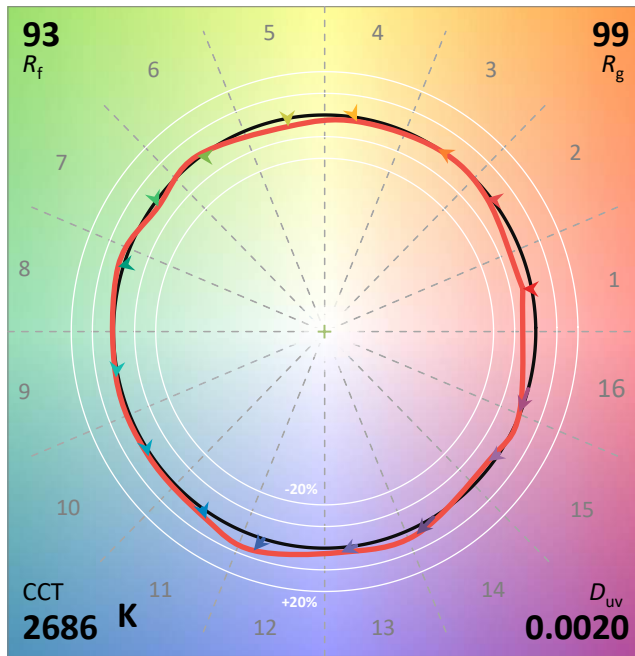
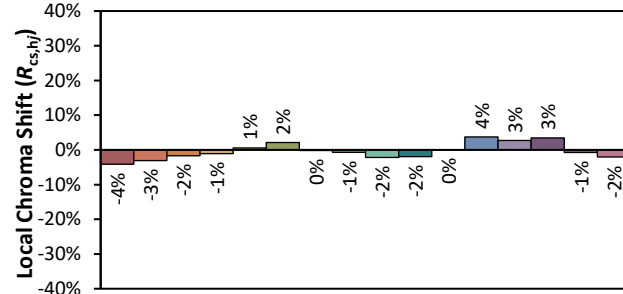
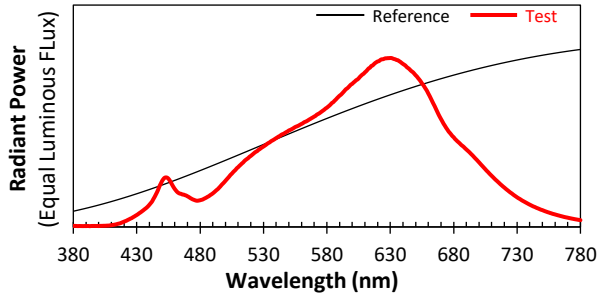
Date: 2023-02-28

Manufacturer:

B-K LIGHTING INC

Model:

MYK-LED-e200-2-WHP-SD-B2-010-MT (2700K,90CRI)



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.4643

y 0.4169

u' 0.2625

v' 0.5304

CIE 13.3-1995
(CRI)

R_a 93

R_g 65

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator Version 2.00.

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