

# IES ROAD REPORT



Light measurement results

Print date 12/29/2025

**PHOTOMETRIC FILENAME : K2-LED-X43-FL-12**

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] Viso LabSpion - serial: n/a sensor serial: n/a  
[TESTLAB] INDEPENDENT TESTING LABORATORIES, INC.  
[MANUFAC] B-K LIGHTING, INC.  
[ISSUEDATE] 12/29/2025  
[LUMINAIRE] K2-LED-X43-FL-12  
[LUMCAT] N/A  
[SERIALNUMBER] n/a - n/a

## Measurement Conditions

Tested c-planes, qty	25
Tested gamma angles, qty	37

## Tested Light Source

Luminaire	K2-LED-X43-FL-12
Item No.	
Manufacturer	B-K LIGHTING, INC.

## Main Light Measurement Results

Luminaire lumens	2212 lm
Downward Total Efficiency	100%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	63.56 lm/W
Total Luminaire Watts	34.8 W
Upward Waste Light Ratio	0%
Maximum Candela	3808 cd
Maximum Candela Angle	345H 0V
Maximum Candela (<90 Degrees Vertical)	0 cd
Maximum Candela Angle (<90 Degrees Vertical)	345H 90V
Maximum Candela At 90 Degrees Vertical	0 cd
Maximum Candela from 80 to <90 Degrees Vertical	14.14 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index, CRI	80.0

## Distribution

IES Classification (type I,II,III,IV,V)	Type I
Longitudinal Classification (Short, Medium, Long)	Very Short
Cutoff Classification (deprecated)	Full Cutoff
BUG rating (IESNA TM-15-07)	B2 U0 G0

## IESNA TM-15-07 LUMINIARE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

### Forward Light

Low (0-30°)	817	lm	36.9%
Medium (30-60°)	250	lm	11.3%
High (60-80°)	28.2	lm	1.27%
Very High (80-90°)	3.89	lm	0.176%

### Back Light

Low (0-30°)	828	lm	37.5%
Medium (30-60°)	252	lm	11.4%
High (60-80°)	28.4	lm	1.28%
Very High (80-90°)	4.09	lm	0.185%

### Uplight

Low (90-100°)	0	lm	0%
High (100-180°)	0	lm	0%

Total			
<b>Sum</b>	<b>2212</b>	<b>lm</b>	<b>100%</b>

### BUG RATING B2 U0 G0

