

IES ROAD REPORT



Light measurement results

Print date 12/18/2025

PHOTOMETRIC FILENAME : DE-LED-TR-X103-FL

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Viso LabSpion - serial: n/a sensor serial: n/a

[TESTLAB] Viso - serial: n/a sensor serial: n/a - Test lab

[MANUFAC] B-K Lighting Inc

[ISSUEDATE] 12/18/2025

[LUMINAIRE] DE-LED-TR-X103-FL

[LUMCAT] N/A

[_SERIALNUMBER] n/a - n/a

Measurement Conditions

Tested c-planes, qty	3
Tested gamma angles, qty	181

Tested Light Source

Luminaire	DE-LED-TR-X103-FL
Item No.	
Manufacturer	B-K Lighting Inc

Main Light Measurement Results

Luminaire lumens	1074 lm
Downward Total Efficiency	100%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	84.28 lm/W
Total Luminaire Watts	12.74 W
Upward Waste Light Ratio	0.0005%
Maximum Candela	1837 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	95.18 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 90V
Maximum Candela At 90 Degrees Vertical	95.13 cd
Maximum Candela from 80 to <90 Degrees Vertical	1.523 cd
Correlated Color Temperature, CCT	3500 K
Color Rendering Index, CRI	80.0

Distribution

IES Classification (type I,II,III,IV,V)	Type V
Longitudinal Classification (Short, Medium, Long)	Very Short
Cutoff Classification (deprecated)	Full Cutoff
BUG rating (IESNA TM-15-07)	B1 U0 G0

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IESNA TM-15-07 LUMINIAIRE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

Forward Light

Low (0-30°)	448.6	lm	41.77%
Medium (30-60°)	85.05	lm	7.919%
High (60-80°)	2.86	lm	0.2663%
Very High (80-90°)	0.5313	lm	49.47%

Back Light

Low (0-30°)	448.6	lm	41.77%
Medium (30-60°)	85.05	lm	7.919%
High (60-80°)	2.86	lm	0.2663%
Very High (80-90°)	0.5313	lm	49.47%

Uplight

Low (90-100°)	5.219	lm	0.4859%
High (100-180°)	0	lm	0%

Total

Sum	1074	lm	100%
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BUG RATING B1 U0 G0

