

IES ROAD REPORT



Light measurement results

Print date 12/23/2025

PHOTOMETRIC FILENAME : DE-LED-TR-X99-SP

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[TESTLAB] UL Verification Services Inc.

[MANUFAC] B-K Lighting Inc

[ISSUEDATE] 12/23/2025

[LUMINAIRE] DE-LED-TR-X99-SP

[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-X99-SP
Item No.	
Manufacturer	B-K Lighting Inc

Main Light Measurement Results

Luminaire lumens	870.5 lm
Downward Total Efficiency	100%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	67.89 lm/W
Total Luminaire Watts	12.82 W
Upward Waste Light Ratio	0.0006%
Maximum Candela	6796 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	96.73 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 90V
Maximum Candela At 90 Degrees Vertical	96.34 cd
Maximum Candela from 80 to <90 Degrees Vertical	1.257 cd
Correlated Color Temperature, CCT	3000 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°)	385	lm	44.3%
Medium (30-60°)	47.2	lm	5.42%
High (60-80°)	2.33	lm	0.267%
Very High (80-90°)	0.469	lm	0.0539%

Back Light

Low (0-30°)	385	lm	44.3%
Medium (30-60°)	47.2	lm	5.42%
High (60-80°)	2.33	lm	0.267%
Very High (80-90°)	0.469	lm	0.0539%

Uplight

Low (90-100°)	0.00530	lm	0.000609%
High (100-180°)	0	lm	0%

Total

Sum	870.5	lm	100%
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BUG RATING B1 U0 G0

