

IES ROAD REPORT



Light measurement results

Print date 12/23/2025

PHOTOMETRIC FILENAME : DI-LED-TR-e151-30°-MFL

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Viso LabSpion - serial: n/a sensor serial: n/a
[TESTLAB] UL, LLC
[MANUFAC] B-K Lighting INC
[ISSUE DATE] 12/23/2025
[LUMINAIRE] DI-LED-TR-e151-30°-MFL
[LUMCAT] N/A
[SERIALNUMBER] n/a - n/a

Measurement Conditions

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

Tested Light Source

Luminaire	DI-LED-TR-e151-30°-MFL
Item No.	
Manufacturer	B-K Lighting INC

Main Light Measurement Results

Luminaire lumens	455 lm
Downward Total Efficiency	99.8%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	48.82 lm/W
Total Luminaire Watts	9.32 W
Upward Waste Light Ratio	0.1991%
Maximum Candela	922.8 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	1.009 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 180V
Maximum Candela At 90 Degrees Vertical	0.1009 cd
Maximum Candela from 80 to <90 Degrees Vertical	3.633 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)	Cutoff
BUG rating (IESNA TM-15-07)	B1 U1 G0

IES ROAD REPORT



Light measurement results

Print date 12/23/2025

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

Forward Light

Low (0-30°)	149	lm	32.8%
Medium (30-60°)	64.3	lm	14.1%
High (60-80°)	12.7	lm	2.79%
Very High (80-90°)	0.870	lm	0.191%

Back Light

Low (0-30°)	149	lm	32.8%
Medium (30-60°)	64.3	lm	14.1%
High (60-80°)	12.7	lm	2.79%
Very High (80-90°)	0.870	lm	0.191%

Uplight

Low (90-100°)	0.00553	lm	0.00122%
High (100-180°)	0.900	lm	0.198%

Total

Sum	455	lm	100%
------------	------------	-----------	-------------

BUG RATING B1 U1 G0

