

# IES ROAD REPORT



Light measurement results

Print date 12/23/2025

**PHOTOMETRIC FILENAME : DI-LED-TR-e150-30°-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-e150-30°-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-e150-30°-MFL
Item No.	
Manufacturer	B-K Lighting INC

## Main Light Measurement Results

Luminaire lumens	414.6 lm
Downward Total Efficiency	99.8%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	44.49 lm/W
Total Luminaire Watts	9.32 W
Upward Waste Light Ratio	0.1991%
Maximum Candela	841 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	0.9198 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 180V
Maximum Candela At 90 Degrees Vertical	92.02 cd
Maximum Candela from 80 to <90 Degrees Vertical	3.311 cd
Correlated Color Temperature, CCT	2700 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

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

### Forward Light

Low (0-30°)	136	lm	32.8%
Medium (30-60°)	58.6	lm	14.1%
High (60-80°)	11.6	lm	2.79%
Very High (80-90°)	0.793	lm	0.191%

### Back Light

Low (0-30°)	136	lm	32.8%
Medium (30-60°)	58.6	lm	14.1%
High (60-80°)	11.6	lm	2.79%
Very High (80-90°)	0.793	lm	0.191%

### Uplight

Low (90-100°)	0.00504	lm	0.00122%
High (100-180°)	0.820	lm	0.198%

Total			
<b>Sum</b>	<b>414.6</b>	<b>lm</b>	<b>100%</b>

### BUG RATING B1 U1 G0

