

IES ROAD REPORT



Light measurement results

Print date 12/30/2025

PHOTOMETRIC FILENAME : RI-LED-TR-E130-MFL-WHP-9-C

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] 12/30/2025
[LUMINAIRE] RI-LED-TR-E130-MFL-WHP-9-C
[LUMCAT] N/A
[SERIALNUMBER] n/a - n/a

Measurement Conditions

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

Tested Light Source

Luminaire	RI-LED-TR-E130-MFL-WHP-9-C
Item No.	
Manufacturer	B-K Lighting INC

Main Light Measurement Results

Luminaire lumens	703.9 lm
Downward Total Efficiency	100%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	53.46 lm/W
Total Luminaire Watts	13.17 W
Upward Waste Light Ratio	0%
Maximum Candela	1634 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	0 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 90V
Maximum Candela At 90 Degrees Vertical	0 cd
Maximum Candela from 80 to <90 Degrees Vertical	2.966 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)	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°)	285	lm	40.5%
Medium (30-60°)	57.8	lm	8.21%
High (60-80°)	8.05	lm	1.14%
Very High (80-90°)	0.743	lm	0.106%

Back Light

Low (0-30°)	285	lm	40.5%
Medium (30-60°)	57.8	lm	8.21%
High (60-80°)	8.05	lm	1.14%
Very High (80-90°)	0.743	lm	0.106%

Uplight

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

Total

Sum	703.9	lm	100%
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BUG RATING B1 U0 G0

