

IES ROAD REPORT



Light measurement results

Print date 12/18/2025

PHOTOMETRIC FILENAME : DE-LED-X58-MFL

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-X58-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	DE-LED-X58-MFL
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	661 lm
Downward Total Efficiency	99.72%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	51.72 lm/W
Total Luminaire Watts	12.78 W
Upward Waste Light Ratio	0.28%
Maximum Candela	1495 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	1.867 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 180V
Maximum Candela At 90 Degrees Vertical	84.85 cd
Maximum Candela from 80 to <90 Degrees Vertical	2.122 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

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

Forward Light

Low (0-30°)	297.2	lm	44.96%
Medium (30-60°)	27.98	lm	4.233%
High (60-80°)	3.731	lm	0.5644%
Very High (80-90°)	0.6512	lm	98.52%

Back Light

Low (0-30°)	297.2	lm	44.96%
Medium (30-60°)	27.98	lm	4.233%
High (60-80°)	3.731	lm	0.5644%
Very High (80-90°)	0.6512	lm	98.52%

Uplight

Low (90-100°)	92.59	lm	14.01%
High (100-180°)	1.758	lm	0.266%

Total

Sum	661	lm	100%
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BUG RATING B1 U1 G0

