

IES ROAD REPORT



Light measurement results

Print date 12/16/2025

PHOTOMETRIC FILENAME : DE-LED-C22-WFL-9-3K

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] 12/16/2025
[LUMINAIRE] DE-LED-C22-WFL-9-3K
[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-C22-WFL-9-3K
Item No.	
Manufacturer	B-K Lighting Inc

Main Light Measurement Results

Luminaire lumens	682.2 lm
Downward Total Efficiency	100%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	32.86 lm/W
Total Luminaire Watts	20.76 W
Upward Waste Light Ratio	0%
Maximum Candela	989.6 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	6.49 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index, CRI	90.0

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

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

Forward Light

Low (0-30°)	268.5	lm	39.36%
Medium (30-60°)	60.95	lm	8.934%
High (60-80°)	9.446	lm	1.385%
Very High (80-90°)	2.214	lm	0.3245%

Back Light

Low (0-30°)	268.5	lm	39.36%
Medium (30-60°)	60.95	lm	8.934%
High (60-80°)	9.446	lm	1.385%
Very High (80-90°)	2.214	lm	0.3245%

Uplight

Low (90-100°)	0	lm	0%
High (100-180°)	0	lm	0%
Total			
Sum	682.2	lm	100%

BUG RATING B1 U0 G0

