

IES ROAD REPORT

PHOTOMETRIC FILENAME : NS-LED-e204-WFL-WHP-9-E

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] n/a serial: n/a
 [TESTLAB] UL, LLC
 [MANUFAC] B-K LIGHTING INC
 [ISSUEDATE] 3/11/2026
 [LUMINAIRE] NS-LED-e204-WFL-WHP-9-E
 [LUMCAT] N/A
 [SERIALNUMBER] n/a - n/a

Measurement Conditions

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

Tested Light Source

Luminaire	NS-LED-e204-WFL-WHP-9-E
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	456 lm
Downward Total Efficiency	100.0%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	46.28 lm/W
Total Luminaire Watts	9.854 W
Upward Waste Light Ratio	-1%
Maximum Candela	543.9 cd
Maximum Candela Angle	180H 7V
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	5.426 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 LUMINAIRE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

Forward Light

Low (0-30°)	175	lm	38.5%
Medium (30-60°)	41.8	lm	9.2%
High (60-80°)	9.49	lm	2.1%
Very High (80-90°)	1.38	lm	0.3%

Back Light

Low (0-30°)	175	lm	38.5%
Medium (30-60°)	41.8	lm	9.2%
High (60-80°)	9.49	lm	2.1%
Very High (80-90°)	1.38	lm	0.3%

Uplight

Low (90-100°)	0	lm	0.0%
High (100-180°)	0	lm	0.0%

Total			
Sum	456.0	lm	100,0%

BUG RATING B1 U0 G0

