

IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] n/a serial: n/a
 [TESTLAB] UL, LLC
 [MANUFAC] B-K LIGHTING INC
 [ISSUEDATE] 3/10/2026
 [LUMINAIRE] NS-LED-e204-WFL-WHP-9-D
 [LUMCAT] N/A
 [SERIALNUMBER] n/a - n/a

Measurement Conditions

Tested c-planes, qty	73
Tested gamma angles, qty	181

Tested Light Source

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

Main Light Measurement Results

Luminaire lumens	353 lm
Downward Total Efficiency	95.9%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	35.82 lm/W
Total Luminaire Watts	9.854 W
Upward Waste Light Ratio	4.104%
Maximum Candela	547.7 cd
Maximum Candela Angle	355H 13V
Maximum Candela (<90 Degrees Vertical)	24.95 cd
Maximum Candela Angle (<90 Degrees Vertical)	0H 90V
Maximum Candela At 90 Degrees Vertical	24.93 cd
Maximum Candela from 80 to <90 Degrees Vertical	32.04 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index, CRI	80.0

Distribution

IES Classification (type I,II,III,IV,V)	Type I
Longitudinal Classification (Short, Medium, Long)	Very Short
Cutoff Classification (deprecated)	Semi Cutoff
BUG rating (IESNA TM-15-07)	B1 U1 G0

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

Forward Light

Low (0-30°)	116	lm	32.8%
Medium (30-60°)	33.4	lm	9.5%
High (60-80°)	15	lm	4.2%
Very High (80-90°)	5.23	lm	1.5%

Back Light

Low (0-30°)	116	lm	32.8%
Medium (30-60°)	33.4	lm	9.5%
High (60-80°)	15.0	lm	4.2%
Very High (80-90°)	5.23	lm	1.5%

Uplight

Low (90-100°)	7.05	lm	2.0%
High (100-180°)	7.46	lm	2.1%
Total			
Sum	353.0	lm	100,0%

BUG RATING B1 U1 G0

