

IES ROAD REPORT

PHOTOMETRIC FILENAME : NS-LED-e220-WFL-WHP-9-C

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] n/a serial: n/a
 [TESTLAB] UL Verification Services Inc.
 [MANUFAC] B-K LIGHTING INC
 [ISSUEDATE] 1/30/2026
 [LUMINAIRE] NS-LED-e220-WFL-WHP-9-C
 [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-e220-WFL-WHP-9-C
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	387 lm
Downward Total Efficiency	100.0%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	47.13 lm/W
Total Luminaire Watts	8.211 W
Upward Waste Light Ratio	-1%
Maximum Candela	419.4 cd
Maximum Candela Angle	270H 7V
Maximum Candela (<90 Degrees Vertical)	0 cd
Maximum Candela Angle (<90 Degrees Vertical)	355H 90V
Maximum Candela At 90 Degrees Vertical	0 cd
Maximum Candela from 80 to <90 Degrees Vertical	1.135 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)	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°)	145	lm	37.5%
Medium (30-60°)	47	lm	12.2%
High (60-80°)	2.49	lm	0.6%
Very High (80-90°)	0.285	lm	0.1%

Back Light

Low (0-30°)	144	lm	37.1%
Medium (30-60°)	46.0	lm	11.9%
High (60-80°)	2.43	lm	0.6%
Very High (80-90°)	0.275	lm	0.1%

Uplight

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

Total			
Sum	387.0	lm	100,0%

BUG RATING B1 U0 G0

