

IES ROAD REPORT



PHOTOMETRIC FILENAME : NS-LED-e220-SP-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
[ISSUE DATE] 1/30/2026
[LUMINAIRE] NS-LED-e220-SP-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-SP-WHP-9-C
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	375.7 lm
Downward Total Efficiency	100.0%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	45.75 lm/W
Total Luminaire Watts	8.213 W
Upward Waste Light Ratio	0%
Maximum Candela	1707 cd
Maximum Candela Angle	255H 1V
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	1.408 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 LUMINIAIRE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

Forward Light

Low (0-30°)	156	lm	41.5%
Medium (30-60°)	21.1	lm	5.6%
High (60-80°)	3.2	lm	0.9%
Very High (80-90°)	0.354	lm	0.1%

Back Light

Low (0-30°)	170	lm	45.2%
Medium (30-60°)	21.6	lm	5.7%
High (60-80°)	3.25	lm	0.9%
Very High (80-90°)	0.346	lm	0.1%

Uplight

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

Total

Sum	375.7	lm	100,0%
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BUG RATING B1 U0 G0

