

IES ROAD REPORT



PHOTOMETRIC FILENAME : NS-LED-e205-SP-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
[ISSUE DATE] 3/10/2026
[LUMINAIRE] NS-LED-e205-SP-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-e205-SP-WHP-9-D
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	444 lm
Downward Total Efficiency	97.8%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	46.27 lm/W
Total Luminaire Watts	9.597 W
Upward Waste Light Ratio	2.231%
Maximum Candela	2242 cd
Maximum Candela Angle	355H 0V
Maximum Candela (<90 Degrees Vertical)	13.94 cd
Maximum Candela Angle (<90 Degrees Vertical)	355H 90V
Maximum Candela At 90 Degrees Vertical	13.92 cd
Maximum Candela from 80 to <90 Degrees Vertical	17.11 cd
Correlated Color Temperature, CCT	3000 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)	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°)	214	lm	48.3%
Medium (30-60°)	26.1	lm	5.9%
High (60-80°)	15.1	lm	3.4%
Very High (80-90°)	5.71	lm	1.3%

Back Light

Low (0-30°)	165	lm	37.3%
Medium (30-60°)	6.44	lm	1.5%
High (60-80°)	0.804	lm	0.2%
Very High (80-90°)	0.0786	lm	0.0%

Uplight

Low (90-100°)	4.15	lm	0.9%
High (100-180°)	5.75	lm	1.3%
Total			
Sum	444.0	lm	100,0%

BUG RATING B1 U1 G0

