

IES ROAD REPORT



PHOTOMETRIC FILENAME : NS-LED-e205-NSP-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-e205-NSP-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-NSP-WHP-9-D
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	544 lm
Downward Total Efficiency	98.7%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	54.9 lm/W
Total Luminaire Watts	9.909 W
Upward Waste Light Ratio	1.255%
Maximum Candela	8641 cd
Maximum Candela Angle	355H 0V
Maximum Candela (<90 Degrees Vertical)	7.426 cd
Maximum Candela Angle (<90 Degrees Vertical)	0H 90V
Maximum Candela At 90 Degrees Vertical	7.392 cd
Maximum Candela from 80 to <90 Degrees Vertical	9.066 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°)	272	lm	49.9%
Medium (30-60°)	13.5	lm	2.5%
High (60-80°)	7.97	lm	1.5%
Very High (80-90°)	3.03	lm	0.6%

Back Light

Low (0-30°)	237	lm	43.6%
Medium (30-60°)	3.34	lm	0.6%
High (60-80°)	0.420	lm	0.1%
Very High (80-90°)	0.0568	lm	0.0%

Uplight

Low (90-100°)	2.21	lm	0.4%
High (100-180°)	4.62	lm	0.8%
Total			
Sum	544.0	lm	100,0%

BUG RATING B1 U1 G0

