

IES ROAD REPORT



PHOTOMETRIC FILENAME : NS-LED-e205-MFL-WHP-9-E

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] n/a serial: n/a
[TESTLAB] UL, LLC
[MANUFAC] B-K LIGHTING INC
[ISSUEDATE] 3/11/2026
[LUMINAIRE] NS-LED-e205-MFL-WHP-9-E
[LUMCAT] N/A
[_SERIALNUMBER] n/a - n/a

Measurement Conditions

Tested c-planes, qty	3
Tested gamma angles, qty	181

Tested Light Source

Luminaire	NS-LED-e205-MFL-WHP-9-E
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	459 lm
Downward Total Efficiency	100.0%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	47.31 lm/W
Total Luminaire Watts	9.701 W
Upward Waste Light Ratio	-1%
Maximum Candela	1154 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	0 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 90V
Maximum Candela At 90 Degrees Vertical	0 cd
Maximum Candela from 80 to <90 Degrees Vertical	2,975 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index, CRI	80.0

Distribution

IES Classification (type I,II,III,IV,V)	Type V
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°)	199	lm	43.3%
Medium (30-60°)	24.5	lm	5.3%
High (60-80°)	5.61	lm	1.2%
Very High (80-90°)	0.744	lm	0.2%

Back Light

Low (0-30°)	199	lm	43.3%
Medium (30-60°)	24.5	lm	5.3%
High (60-80°)	5.61	lm	1.2%
Very High (80-90°)	0.744	lm	0.2%

Uplight

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

Total			
Sum	459.0	lm	100,0%

BUG RATING B1 U0 G0

