

# IES ROAD REPORT



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

### Main Light Measurement Results

Luminaire lumens	419 lm
Downward Total Efficiency	96.6%
Total Luminaire Efficiency	100.0%
Luminaire Efficacy Rating (LER)	43.2 lm/W
Total Luminaire Watts	9.699 W
Upward Waste Light Ratio	3.399%
Maximum Candela	1155 cd
Maximum Candela Angle	230H 1V
Maximum Candela (<90 Degrees Vertical)	21.41 cd
Maximum Candela Angle (<90 Degrees Vertical)	355H 90V
Maximum Candela At 90 Degrees Vertical	21.41 cd
Maximum Candela from 80 to <90 Degrees Vertical	25.93 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°)	194	lm	46.4%
Medium (30-60°)	37.1	lm	8.9%
High (60-80°)	22	lm	5.3%
Very High (80-90°)	8.65	lm	2.1%

### Back Light

Low (0-30°)	133	lm	31.7%
Medium (30-60°)	8.45	lm	2.0%
High (60-80°)	1.15	lm	0.3%
Very High (80-90°)	0.108	lm	0.0%

### Uplight

Low (90-100°)	6.35	lm	1.5%
High (100-180°)	7.89	lm	1.9%
Total			
<b>Sum</b>	<b>419.0</b>	<b>lm</b>	<b>100,0%</b>

### BUG RATING B1 U1 G0

