

IES ROAD REPORT



PHOTOMETRIC FILENAME : NS-LED-e204-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-e204-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-e204-MFL-WHP-9-D |
| Item No. | |
| Manufacturer | B-K LIGHTING INC |

Main Light Measurement Results

| | |
|---|------------|
| Luminaire lumens | 402 lm |
| Downward Total Efficiency | 96.6% |
| Total Luminaire Efficiency | 100.0% |
| Luminaire Efficacy Rating (LER) | 41.45 lm/W |
| Total Luminaire Watts | 9.699 W |
| Upward Waste Light Ratio | 3.399% |
| Maximum Candela | 1108 cd |
| Maximum Candela Angle | 230H 1V |
| Maximum Candela (<90 Degrees Vertical) | 20.54 cd |
| Maximum Candela Angle (<90 Degrees Vertical) | 355H 90V |
| Maximum Candela At 90 Degrees Vertical | 20.52 cd |
| Maximum Candela from 80 to <90 Degrees Vertical | 24.87 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) | 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°) | 187 | lm | 46.4% |
| Medium (30-60°) | 35.6 | lm | 8.9% |
| High (60-80°) | 21.1 | lm | 5.3% |
| Very High (80-90°) | 8.30 | lm | 2.1% |

Back Light

| | | | |
|--------------------|-------|----|-------|
| Low (0-30°) | 127 | lm | 31.7% |
| Medium (30-60°) | 8.11 | lm | 2.0% |
| High (60-80°) | 1.10 | lm | 0.3% |
| Very High (80-90°) | 0.104 | lm | 0.0% |

Uplight

| | | | |
|-----------------|--------------|-----------|---------------|
| Low (90-100°) | 6.09 | lm | 1.5% |
| High (100-180°) | 7.57 | lm | 1.9% |
| Total | | | |
| Sum | 402.0 | lm | 100,0% |

BUG RATING B1 U1 G0

