LEVITON | ConTech

CATALOG NO.

DATE PROJECT TYPE

# RDA4L SERIES | 02 Mini Adjustable Recessed Multiples

## PHOTOMETRICS

TEST PERFORMANCE IS FOR A SINGLE HEAD UNIT

### RDA4L230K12D1SX1: Spot Optic

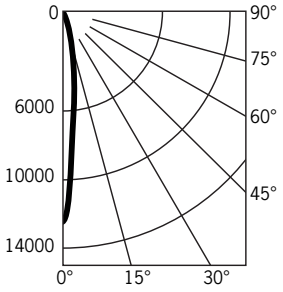
Fixture Delivered Lumens: 1669
Total Watts@120V: 13.6
Lumens Per Watt: 122.7
Center Beam Candle Power: 12594
Beam Distribution: 14°
Spacing Criterion: 0.29
Color Rendering Index (CRI)[1]: 83
Color Temperature (CCT)[2]: 3071K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G24061102
LM-79 Test No. S24012901

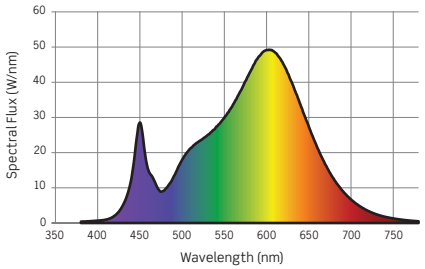
Intensity Distribution

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|---|---|---|
| 4' | 787.1 | 1.0 |
| 6' | 349.8 | 1.5 |
| 8 | 196.8 | 2.0 |
| 10' | 125.9 | 2.4 |
| 12' | 87.5 | 2.9 |
| 14' | 64.3 | 3.4 |

Candela Curve




Spectral Power Distribution Chart[4]




### RDA4L230K12D1MX1: Medium Optic

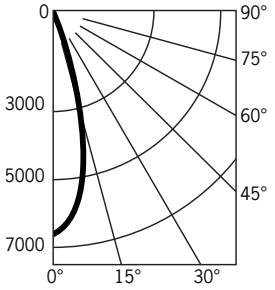
Fixture Delivered Lumens: 1719
Total Watts@120V: 13.6
Lumens Per Watt: 126.4
Center Beam Candle Power: 6619
Beam Distribution: 29°
Spacing Criterion: 0.47
Color Rendering Index (CRI)[1]: 83
Color Temperature (CCT)[2]: 3071K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G24061103
LM-79 Test No. S24012901

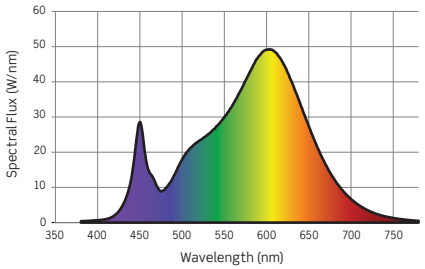
Intensity Distribution

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|---|---|---|
| 4' | 413.7 | 2.0 |
| 6' | 183.9 | 3.1 |
| 8' | 103.4 | 4.1 |
| 10' | 66.2 | 5.1 |
| 12' | 46.0 | 6.1 |
| 14' | 33.8 | 7.1 |

Candela Curve




Spectral Power Distribution Chart[4]




### RDA4L230K12D1FX1: Flood Optic

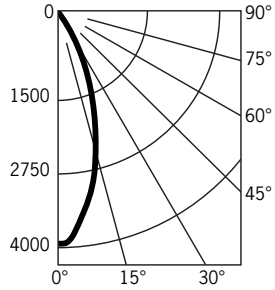
Fixture Delivered Lumens: 1728
Total Watts@120V: 13.6
Lumens Per Watt: 127.1
Center Beam Candle Power: 3941
Beam Distribution: 37°
Spacing Criterion: 0.63
Color Rendering Index (CRI)[1]: 83
Color Temperature (CCT)[2]: 3071K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G24061104
LM-79 Test No. S24012901

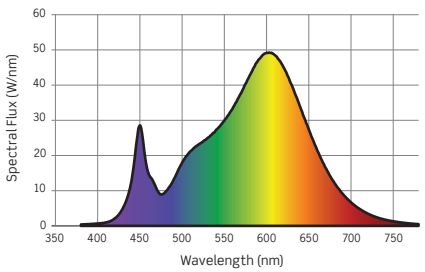
Intensity Distribution

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|---|---|---|
| 4' | 246.3 | 2.7 |
| 6' | 109.5 | 4.0 |
| 8 | 61.6 | 5.4 |
| 10' | 39.4 | 6.7 |
| 12' | 27.4 | 8.1 |
| 14' | 20.1 | 9.4 |

Candela Curve




Spectral Power Distribution Chart[4]




*1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source*

## PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on CCT. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

| CCT | CRI | | CRISP WHITE |
|---|---|---|---|
| | STD CRI | HIGH CRI | 10W |
| 2700K | 0.95 | 0.84 | N/A |
| 3000K | N/A | 0.87 | 0.49 |
| 3500K | 1.02 | 0.90 | N/A |
| 4000K | 1.04 | 0.92 | N/A |

| OUTPUT |
|---|
| 10W |
| 0.73 |