

DCR56

5" - 6" LED Recessed Downlight

The DCR56 from NICOR is a 5" & 6" recessed LED downlight with plastic housing and trim that is ideal for both retrofit and new construction. Redesigned to boost energy efficiency, the enriched 90+ CRI provides superior color quality, along with an R9 greater than 50. Not only is the light quality better, but this design improvement meets industry standards, including Title 24, JA8, and CEC.

Aperture: Available in round smooth or round baffle

CCT: 2700K, 3000K, 4000K or 5000K

High Performing LEDs: Greater than 90 CRI; R9 greater than 50

Reported Lifetime: 36,000 Hours

Power Draw: 10.3W | 15.5W

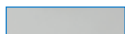
Input Voltage: 120V

Dimmable: To less than 10% with most standard TRIAC dimmers

Operating temperature: 0° to 104°F (-18°C to 40°C)

Installation: Easy installation with a screw-in Edison base and torsion spring mounting system

Finish



WHITE

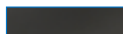
Accessory Trim Options



AGED COPPER



NICKEL



BLACK

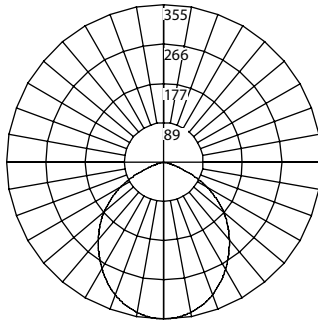


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Photometric Data

DCR56 2700K 800Lm

| | |
|-----------------------------|------|
| Input Voltage (VAC) | 120V |
| System Level Power (W) | 10.3 |
| Delivered Lumens (Lm) | 817 |
| System Efficacy (Lm/W) | 79.3 |
| Correlated Color Temp (K) | 2683 |
| Color Rendering Index (CRI) | 92 |
| Beam Angle | 98° |
| Spacing Criteria | 1.18 |



Intensity Summary (Candle Power)

| Angle | Mean CP |
|-------|---------|
| 0 | 355 |
| 5 | 353 |
| 15 | 336 |
| 25 | 302 |
| 35 | 256 |
| 45 | 205 |
| 55 | 146 |
| 65 | 77 |
| 75 | 17 |
| 85 | 4 |
| 90 | 0 |

CCT Data Multiplier

| | |
|---------------|-------|
| DCR561081203K | 1.029 |
| DCR561081204K | 1.056 |
| DCR561081205K | 1.078 |

Cone of Light Tabulation

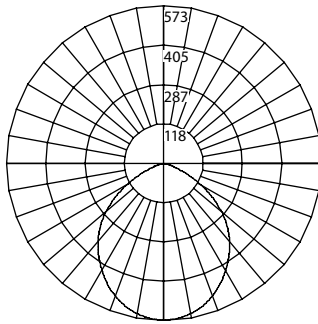
| Mounted height (Feet) | Footcandles Beam Center | Diameter (Feet) |
|-----------------------|-------------------------|-----------------|
| 4 | 22.2 | 4.7 |
| 6 | 9.9 | 7.1 |
| 8 | 5.5 | 9.4 |
| 10 | 3.5 | 11.8 |
| 12 | 2.5 | 14.2 |
| 14 | 1.8 | 16.5 |
| 16 | 1.4 | 18.9 |

Zonal Lumen Summary

| Zone | Lumens | % of Luminaire |
|--------|--------|----------------|
| 0-30 | 267 | 32.7% |
| 0-40 | 427 | 52.3% |
| 0-60 | 716 | 87.6% |
| 0-90 | 816 | 99.8% |
| 90-180 | 1 | 0.2% |
| 0-180 | 817 | 100.0% |

DCR56 2700K 1200Lm

| | |
|-----------------------------|------|
| Input Voltage (VAC) | 120V |
| System Level Power (W) | 15.5 |
| Delivered Lumens (Lm) | 1271 |
| System Efficacy (Lm/W) | 81.8 |
| Correlated Color Temp (K) | 2638 |
| Color Rendering Index (CRI) | 91 |
| Beam Angle | 98° |
| Spacing Criteria | 1.18 |



Intensity Summary (Candle Power)

| Angle | Mean CP |
|-------|---------|
| 0 | 573 |
| 5 | 569 |
| 15 | 541 |
| 25 | 487 |
| 35 | 415 |
| 45 | 329 |
| 55 | 219 |
| 65 | 96 |
| 75 | 24 |
| 85 | 7 |
| 90 | 1 |

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| 0-30 | 430 | 33.9% |
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| 0-90 | 1271 | 100.0% |
| 90-180 | 0 | 0.0% |
| 0-180 | 1271 | 100.0% |

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Performance Data

| Model Number | Lumens | Watts | Lumens/Watt |
|---------------|--------|-------|-------------|
| DCR561081202K | 817 | 10.3 | 79.3 |
| DCR561081203K | 841 | 10.3 | 81.7 |
| DCR561081204K | 863 | 10.3 | 83.8 |
| DCR561081205K | 881 | 10.3 | 85.5 |
| DCR561121202K | 1271 | 15.5 | 81.8 |
| DCR561121203K | 1308 | 15.5 | 84.2 |
| DCR561121204K | 1343 | 15.5 | 86.4 |
| DCR561121205K | 1371 | 15.5 | 88.3 |

Recommended Dimmers*

Lutron DIVA DVCLV-300P
 Lutron DIVA DVCLV-303P
 Lutron DIVA DVCL-153P
 Lutron SKYLARK SELV-300P
 Lutron SKYLARK SCL-153P

*Not a complete list. Check compatibility before installation.

Housing Compatibility*

17014-LED-ID 6" LED IC AIRTIGHT NEW CONSTRUCTION HOUSING
 17014AR-LED-ID 6" LED IC AIRTIGHT REMODEL HOUSING
 MOST STANDARD 5" OR 6" RECESSED HOUSINGS

DCR56 | 5"- 6" LED Recessed Downlight

Ordering Information

| Series | Version | Voltage | CCT's | Finish |
|--------|--------------|------------|-------------|---------------------|
| DCR56 | 108 (800Lm) | 120 (120V) | 2K (2700 K) | WH (White) |
| | 112 (1200Lm) | | 3K (3000 K) | WHBF (White Baffle) |
| | | | 4K (4000 K) | |
| | | | 5K (5000 K) | |

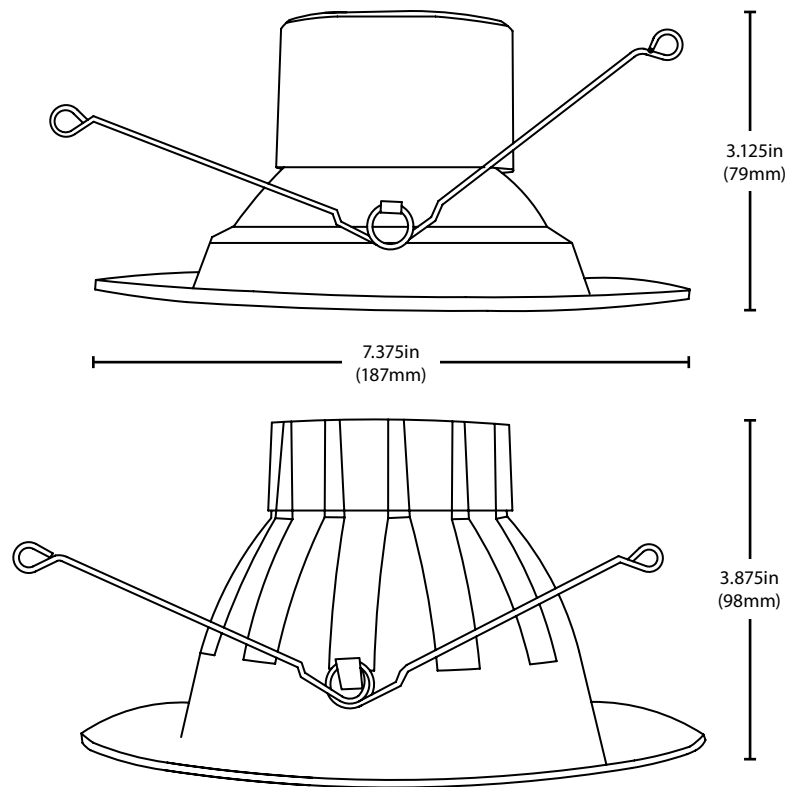
Accessories

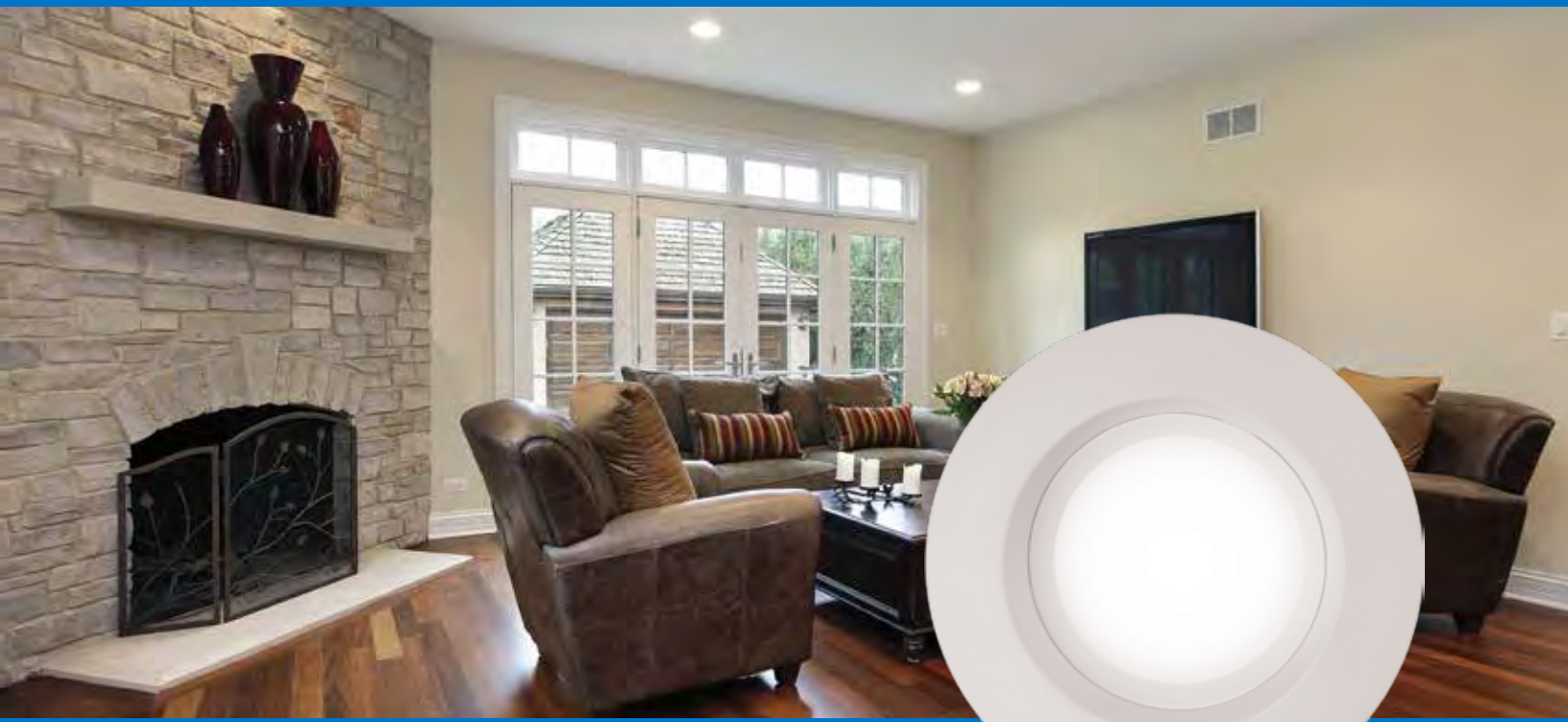
Accessories sold separately

| | |
|--------------------|--------------------|
| Aged Copper Trim | DCR-CLR-56-TR-AC |
| Black Trim | DCR-CLR-56-TR-BK |
| Nickel Trim | DCR-CLR-56-TR-NK |
| GU24 Socket String | GU24-IDEAL-SKT-STR |

Dimensions

Finish Options





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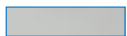
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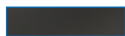
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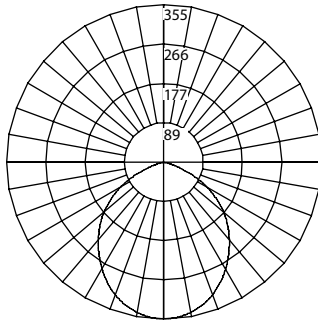


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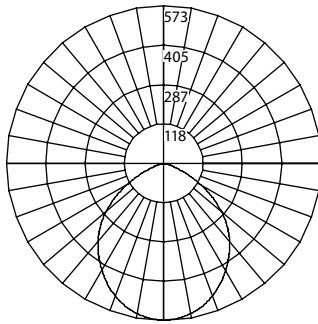
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