

Model# VL1-DLC054[W|D|N|C]-MDA[WH|BK|BZ|SL]AD00



Description

Venture Lighting's LED downlight retrofit kits are low profile, durable, and designed for long life and low maintenance. Designed to fit into existing 8" diameter openings, these retrofit kits quickly and easily upgrade metal halide wattages up to 175W or 150W and compact fluorescent wattage up to 2x42W with an energy saving LED 54W. These downlights are mounted to an extruded aluminum heat sink which is designed to ensure proper thermal management of the system. This design allows for a cooler running LED chip which leads to longer lifetime, better efficacy, and color consistency and comply with all US and Canadian safety standards. LED color consistency meets a 4-step MacAdam ellipse.

Optics

Designed to have low glare yet utilize high performance materials to maximize efficacy and achieve precise photometric distributions, these downlights come standard with a 40 degree beam angle.

Electrical

The Class II power supply has a range of 120-277V, 50/60 Hz. The high performance LEDs are rated up to 35,000 hours at 25°C ambient temperature. 0-10V dimming capability is standard.

Mounting

The kits are NON-IC Rated and design for replacing most manufacturer's CFL and HID Fixtures.

Product Performance

| | |
|------------------------------------|-------------------------------|
| Replace Existing CFL | Up to 2x42W |
| Replace Existing MH | Up to 175W |
| Wattage | 54W |
| Lumens | 4100 |
| Correlated Color Temperature (CCT) | 4000K |
| Color Rendering Index (CRI) | 80+ |
| Life Hours | 35000 |
| Beam Angle (°) | Medium 40° |
| Operating Temperature Range | -4°F to 113°F (-20°C to 45°C) |

Physical Characteristics

| | |
|----------|---------|
| Diameter | 9.29" |
| Height | 9.76" |
| Weight | 9.0 lbs |

Electrical Characteristics

| | |
|----------------------------------|-------------------------------------|
| Amperage Draw (Input Volts/Amps) | 120/0.48 208/0.28 240/0.25 277/0.22 |
|----------------------------------|-------------------------------------|

Regulatory Qualifications

cULus Classified

Energy Star Qualified - Model# VL1-DLC054[W|D|N|C]-MDA[WH|BK|BZ|SL]AD00

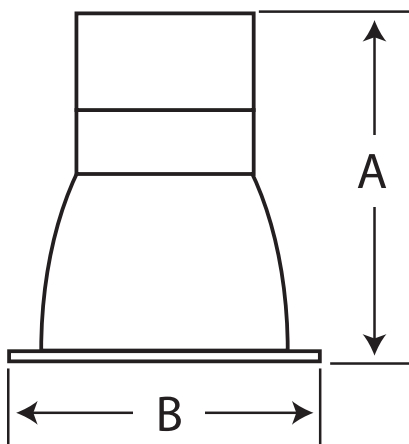
Rated for dry and damp locations

Accessories

KT65235 New construction kits for 8" downlight

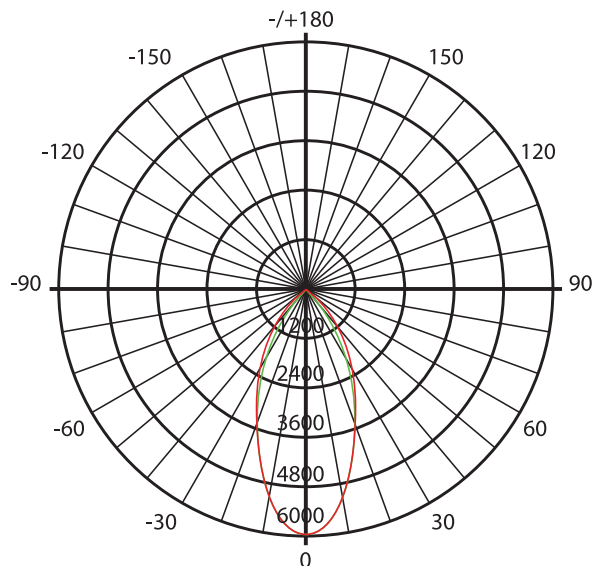


Venture 54W LED 8" Downlight



| Diam. Type | A (in) | B (in) |
|------------|--------|--------|
| 8" | 9.76 | 9.29 |

Luminous Intensity Distribution Diagram



Accessories (Order as separate line items)

- KT65235 New construction kits for 8" downlight



Average Illuminance Curve

| Height | Diameter | Avg | Max |
|--------|----------|---------|---------|
| 0.5 | 43.5 | 13661.0 | 22420.0 |
| 1.0 | 87.0 | 3415.0 | 5605.0 |
| 1.5 | 130.4 | 1518.0 | 2491.0 |
| 2.0 | 173.9 | 853.8 | 1401.0 |
| 2.5 | 217.4 | 546.4 | 896.8 |
| 3.0 | 260.9 | 379.5 | 622.8 |
| 3.5 | 304.4 | 278.8 | 457.6 |
| 4.0 | 347.9 | 213.4 | 350.3 |
| 4.5 | 391.3 | 168.6 | 276.8 |
| 5.0 | 434.8 | 136.6 | 224.2 |

(800) 451-2606
 Fax: (800) 451-2605
 7905 Cochran Rd, Suite 300
 Glenwillow, Ohio 44139
 E-mail: Venture_Lighting@VentureLighting.com
VentureLighting.com

