



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 heatsink 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 U.S. 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 designed for replacing most manufacturer's CFL and HID fixtures.

Warranty

For warranty information refer to: www.venturelighting.com/resources/warranties

Product Performance

Wattage	54W
Lumens	4100
Correlated Color Temperature (CCT)	4000K
Color Rendering Index (CRI)	80+
Life Hours	35,000
Beam Angle (°)	Medium 40°
Replace Existing CFL	Up to 2x42W
Replace Existing MH	Up to 175W
Operating Temperature Range	-4°F to 113°F (-20°C to 45°C)

Physical Characteristics

Diameter	9.29"
Trim Color	White
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
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Regulatory Qualifications

cULus Classified
Rated for dry and damp locations

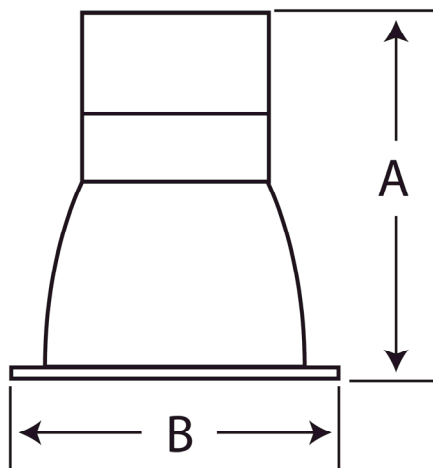
Accessories

KT65235 – New construction kit – 8"

Revision: 05, 26-Aug 2022

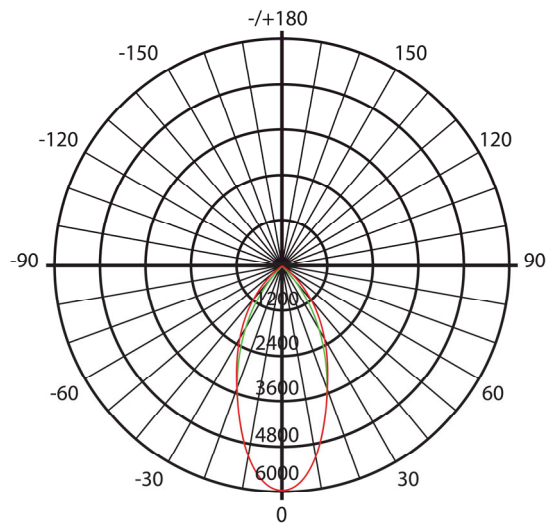
Venture 54W LED 8" 4000K Downlight

Dimensions



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

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