



EPA: 1.42 sq ft / weight: 42 lb (19.09 kg)  
 Note: 3D image may not represent color or option selected.  
 Logos above include link, click to access.

	Qty	1	Luminaire	DMS50-65W49LED4K-ES-LE2F-VOLT-GN4TX
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Description of Components:

120V

**Hood:** A die cast A360.1 aluminum dome complete with a cast-in technical ring with latch and hinge. The mechanism shall offer toolfree access to the inside of the luminaire. An embedded memory-retentive gasket shall ensure weatherproofing.

**Skirt:** A die cast A360 aluminum skirt complete with a cast-in technical ring.

**Housing:** In a round shape, this housing is made of cast 356 aluminum, c/w a watertight grommet, mechanically assembled to the bracket with four bolts 3/8-16 UNC. This suspension system permits for a full rotation of the luminaire in 90 degree increments.

**Light Engine: LifeLED™** composed of 5 main components: **Lens / LED lamp / Optical System / Heat Sink / Driver**  
 Electrical components are RoHS compliant.

**Lens:** Made of soda-lime tempered glass lens, mechanically assembled and sealed onto the lower part of the heat sink.

**Lamp: (Included),** Lamp type Philips Lumileds Rebel ES. Composed of 49 high-performance white LEDs, 65w lamp wattage. Color temperature of 4000 Kelvin nominal, 70 CRI. Operating lifespan after which the system emits 70% of its original lumen output, all of those parameters are tested for 100% of light engines. Use of a metal core board insures greater heat transfer and longer lifespan of the light engine.

**Optical System: (LE2F),** I.E.S type II (asymmetrical). Composed of high-performance acrylic collimators, optimized with varying beam angles to achieve desired distribution. System is rated IP66. Performance shall be tested per LM63 and LM79 (IESNA) certifying its photometric performance. Street-side indicated.

Vermont Agency of Transportation

**RECEIVED**

CK'D BY D. PETERSON OK'D BY C. CARLSON

08/20/2012

RESUBMIT \_\_\_\_\_ APPROVED AS NOTED  
 BY C. CARLSON DATE 12/14/2012

**PHILIPS**

**LUMEC**

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