

Type:

Project:



## HIGHLIGHTS

- Total System Integration features  
5-year limited warranty by Acuity Brands covering all components and construction
- Up to 109 lm/W
- Softshine®-engineered comfort optics
- Flicker-free dimming to dark (0.1%) powered by eldoLED® driver
- Integrated nLight® control module for system networking (optional)
- White, black, painted aluminum or custom color
- Three distributions available: (see page 2)

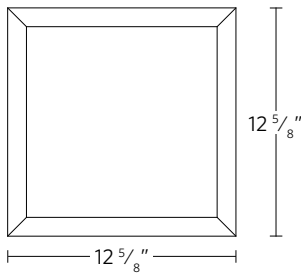
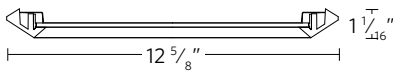


eldoLED

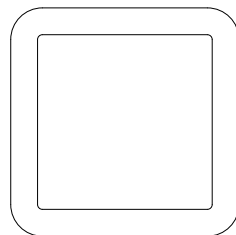


## DIMENSIONS

### □ VMMSP



Bottom View Squared



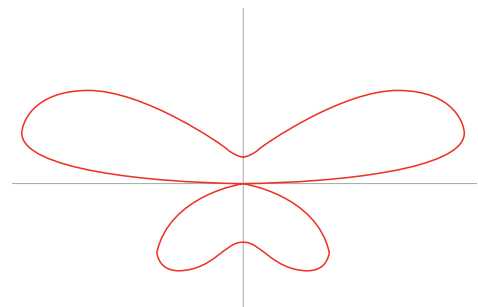
Bottom View Rounded; Option RDEP

## LUMEN PACKAGES Based on 3500K. Additional color temperatures available.

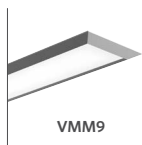
Indirect /Direct LED Output	ID2000LM
Delivered Lumens	2001
Input Watts	20
Lumens Per Watt	102

## STANDARD DISTRIBUTION

60% Up | 40% Down



## COMPANION LUMINAIRE(S)



**SPECIFICATIONS**

**Housing**

Die-cast aluminum housing with extruded aluminum supports. Squared corners standard. For rounded corners choose option RDEP.

**Color**

Color for housing is white, black or painted aluminum. Consult factory for custom colors.

**Source**

Edge-lit LEDs using light guide technology deliver up to 1900 nominal lumens. Three available color temperature options (3000K, 3500K and 4000K) — all within 2.5 MacAdam ellipses.

**Optics**

Softshine® optical system consists of high performance acrylic lens and film.

**Remote Dimming Driver**

Remote eldoLED® driver (see page 3) provides "natural dimming" with smooth, continuous and flicker-free dimming to dark (0.1%). Syncing for controls: 2mA max. THD: < 20%. Insignificant inrush current at 120 and 277VAC. FCC Class A and B tested for EMI and RFI.

When Contol Input of 0-10V is specified driver will be set for linear dimming curve, if nLIGHT is specified driver will be set for logarithmic dimming curve

For 0-10V driver details go to: [PeerlessLighting.com/566L](http://PeerlessLighting.com/566L)  
For DALI driver details go to: [PeerlessLighting.com/560L](http://PeerlessLighting.com/560L)

**Controls and System Networking Options**

For wired networking via Cat-5e, choose an integrated nLight® module.

**Electrical**

LED light engine — consisting of modular LED boards and eldoLED® dimming driver — is rated for >60,000 hours (L80) at 25° C ambient temperature. Specify 120V, 277V or 347V. Pre-wired with 18AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

**Environment**

Suitable for damp location.

**Validation**

CSA/CUS listed. LM-79 tested. Individual luminaire meets FCC Part 15 requirements.

**Packaging**

Recycled cardboard box and inserts. Biodegradable, protective luminaire bag. Recycled kraft paper tape.

**Government Procurement**

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.  
BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/resources/buy-american](http://www.acuitybrands.com/resources/buy-american) for additional information.

**Warranty**

5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C.

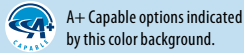
**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background\*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details



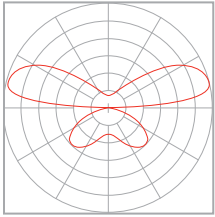
**MODEL NUMBER** Example: VMMSP 80CRI 35K ID2000LM 60/40 DARK ZT SCT F3D/24F C110

Luminaire	LED Color Rendering	LED Color Temperature	Indirect/Direct LED Ouput	Indirect/Direct Ratio
VMMSP	80CRI 80+ CRI 90CRI* 90+ CRI <i>*Longer lead times-consult factory</i>	30K 3000K 35K 3500K 40K 4000K	ID2000LM 2000 Nominal lumens	60/40 Std. 60% up; 40% down 20/80 20%up; 80% down 0/100 0%up; 100% down <i>Nominal Distribution. Refer to photometric tests for exact.</i>

Minimum Dimming Level	Control Input	Voltage	Primary Sensor
DARK Constant current, dimming to < 1%	ZT* 0-10V nLIGHT** nLight enabled DALI** DALI <i>*0-10V will use linear dimming curve **Will use logarithmic dimming curve ***Not available with sensors ***Will use logarithmic dimming curve</i>	120 120V 277 277V 347* 347V <i>*Not available with nLIGHT</i>	(blank) No factory-installed, integrated sensor PDT_ Dual technology occupancy sensor. PIR & microphonics sensor ADC_ Daylight Dimming Sensor APD_ Dual technology PDT and ADC sensor

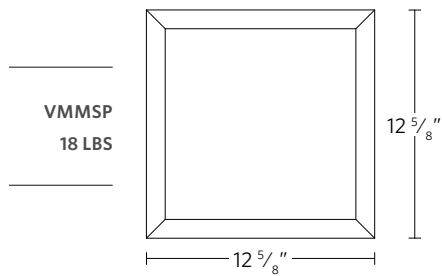
Mounting Type/	Overall Suspension	Color	Options
F3D/* Stem mount T-bar ceiling/hard ceiling <i>*Stem and canopy have standard white finish. For exposed ceilings, consult factory.</i>	12F 12" fixed 18F 18" fixed 24F 24" fixed 36F 36" fixed 48F 48" fixed <i>Measured from ceiling to bottom of luminaire. Consult factory for customer lengths.</i>	C041 White white (low gloss) C110 Painted aluminum (low gloss) C201 Black (low gloss) C099 Custom color	CSA Manufactured to Canadian Standards DU Dust cover GLR Fast blow GMF Slow blow RDEP Rounded end cap

**PHOTOMETRICS**

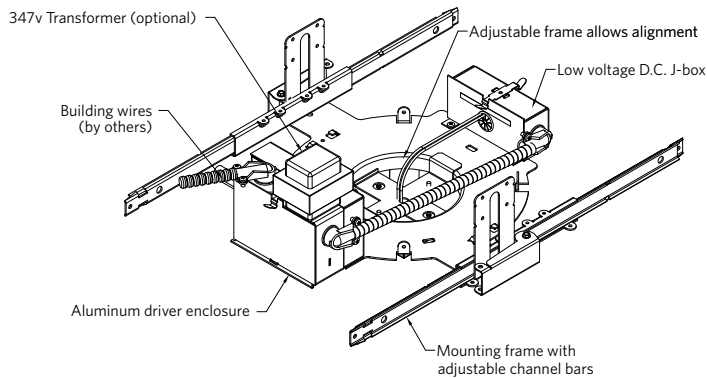


**ID2000LM 80 CRI 35K**  
102 lm/W  
2001 delivered lumens  
62% up / 38% down

**WEIGHTS**



**REMOTE DRIVER MOUNTING**



The driver enclosure is designed with a downlight mounting frame which provides accessibility to the driver after installation. This frame also allows easy adjustability with rotation and vertical alignment to achieve desired luminaire positioning.

For more information about sensor and networking options, download the controls guide at [PeerlessLighting.com/ControlsGuide](http://PeerlessLighting.com/ControlsGuide)

**INTEGRATED SENSOR OPTIONS**

Control Input	Integrated Sensor	Daylight Dimming	Daylight Dimming and/or Occupancy Detection	nLight Wired Networking	Link to Spec Sheet
NLIGHT	ADC	X		X	<a href="#">nES-ADCX</a>
NLIGHT	PDT		X	X	<a href="#">nES-7</a>
ZT	ADC	X			<a href="#">nES-ADCX</a>
ZT	PDT		X		<a href="#">nES-7</a>



nES ADCX



nES PDT 7

Daylight harvesting deactivated by default and field programmed per sequence of operations for PDT sensor options.

Luminaires specified with nLight system networking ship with one RJ-45 connector integrated into the luminaire, 10' of Cat-5e cable and a splitter to control the entire luminaire row (depending on wattage/voltage limitations). For multiple zones, please contact [TechSupport@PeerlessLighting.com](mailto:TechSupport@PeerlessLighting.com).

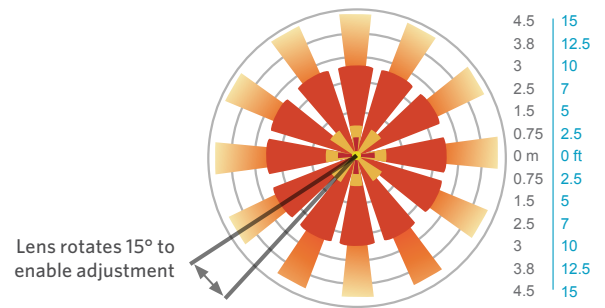
**OCCUPANCY DETECTION COVERAGE**

At the 7.5 ft (2.9 m) hanging height of a typical pendant mount fixture the sensor provides 10 ft (3.05 m) radial detection of small motion. At a 9 ft (2.74 m) hanging height the radius is 12 ft (3.66 m) for small motion.

Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).

Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



**COMPATIBLE nLIGHT COMPONENTS WITH INTEGRATED CONTROLS**



nPODM DX WH    nPODM 2P DX WH    nPODM 4P DX WH

[SensorSwitch.com/DataSheets/nPODM.pdf](http://SensorSwitch.com/DataSheets/nPODM.pdf)



nPODM 2L WH

[SensorSwitch.com/DataSheets/nPODM-xL.pdf](http://SensorSwitch.com/DataSheets/nPODM-xL.pdf)



nPOD GFX WH

[SensorSwitch.com/DataSheets/nPOD-GFX.pdf](http://SensorSwitch.com/DataSheets/nPOD-GFX.pdf)

**eldoLED COMPATIBILITY** Additional control options with eldoLED 0-10V driver(s).

[PeerlessLighting.com/eldoLED-compatibility](http://PeerlessLighting.com/eldoLED-compatibility)