FEATURES

The OD1V-LED combines exquisite style with uncompromised performance, featuring a fully-illuminated lens that creates a floating visual effect, blending seamlessly with the ceiling. The combination of a micro-prism center optical lens and an angled backlit lens creates a volumetric, uniform appearance, delivering a high angled distribution and higher intensity of illumination across the work plane. The glare-free illumination, high efficiency and sustainability of the luminaire makes it the ideal source for corporate offices, educational, healthcare, commercial, and retail applications.

### FEATURES

- **NOMINAL LUMENS**
  - 6000
  - 5000
  - 4000
  - 3400

- **DELIVERED LUMENS**
  - 6376
  - 5096
  - 4454
  - 3538

- **WATTAGE**
  - 57 W
  - 46 W
  - 39 W
  - 25 W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%.

- **LUMENS**
  - 3400, 4000, 5000, 6000

- **CCT & DYNAMIC PLATFORMS**
  - 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White

- **CRI**
  - 85+(standard), 90+

- **COLOR QUALITY**
  - 3 Step MacAdam Ellipse

- **SIZE**
  - 2’x2’, 2’x4’, 1’x4’

- **MOUNTING**
  - Recessed

- **DIMMING & CONTROL**
  - 0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, DIMST, ELDO10.1, ELDO1MX.1, DALI.1

- **EMERGENCY**
  - 10W - Up to 1000L output (Bodine BSL310)
  - 20W - Up to 2000L output (Bodine BSL20)

- **LIFETIME**
  - L70 at 167,000 Hours

- **PHOTOMETRIC TESTS**
  - In Accordance with IES LM79-08, LM80 and TM-30, TM-21

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Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.
MAINTENANCE
The micro-prism center optical lens door assembly is hinged, allowing easy access to LED boards and driver compartment, locking into place for secure closure of the luminaire. LED engines and drivers are removable and upgradable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

OPTICAL SYSTEM
The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. A proprietary design of the lumens results in zero pixilation, regardless of the viewing angle, with LEDs placed to promote a uniform appearance. The result is even illumination across the space, from luminaire to luminaire.

CONSTRUCTION
Body is constructed of heavy-duty 20-gauge cold rolled steel, post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

MOUNTING
Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8” and 3/8” ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

OPTIONS
Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

DRIVER ELECTRICAL INFORMATION
Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION
DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.
LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED driver (120V forward phase only).
LUTH - Lutron LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.
ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.
DALI - DALI DT6, DT8 dimming down to 1%.
ELDODMX - EldoLED PowerDrive dimming down to 0.1%.
Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.
DIMST - Step Dimming

WARRANTY
Five-year warranty for parts and components. (Labor not included)

LED DYNAMIC PLATFORM OPTIONS
Tunable White with Smart White Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K. (Click here for more details)

- Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3000K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space. (Click here for more details)

- RGB+White with Smart Hue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment. (Click here for more details)

LISTINGS
c-UL-us - Listed for Feed Through Wiring. Listed for DLC, California Title 24 compliant.

Example: **22-OD1V-LED-4000L-DIM10-MVOLT-30K-85**

<table>
<thead>
<tr>
<th>FIXTURE SIZE</th>
<th>OD1V</th>
<th>LED</th>
<th>LUMENS</th>
<th>DIMMING</th>
<th>VOLTAGE</th>
<th>CCT</th>
<th>CRI</th>
<th>EMERGENCY</th>
<th>OTHER OPTIONS</th>
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<tbody>
<tr>
<td>22 - 2’x2’</td>
<td>OD1V</td>
<td>LED</td>
<td>3400L</td>
<td>DIM10</td>
<td>MVOLT</td>
<td>30K</td>
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<td>0-EMG-LED-10W</td>
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<td>22-OD1V-LED</td>
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<td>0-10V Dimming</td>
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<td>- LED Troffer</td>
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<td>DIMST</td>
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<td>22FK-2 277</td>
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<td>277</td>
<td>50K</td>
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<td>SBF</td>
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*FD-301 & FS-205 require FS-PPV2- Power Pack

*LUT2W are available in 120V only  
LUT2W up to 4000L
LUTH, ELDO10.1, ELDO-DALL1, and ELDO-DMX.1 are available in 120V and 277V

Ref-ence last page for Control Options
Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information. www.iuseelite.com

2' x 2' Architectural Volumetric Recessed LED Troffer

22-OD1V-6000L-DIM10-MVOLT-40K-85

TEST NO.: EL111896

INPUT WATTS: 58  LUMENS: 6376  CRI: 85  EFFICACY: 110  CCT: 4000K

SPACING CRITERIA: 1.14

Candle Power Distribution (Candelas)

Zonal Lumens Summary

Luminance (Average candela/m²)

Lumens Per Zone

Candela Tabulation

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

RCW - Corner Cavity Reflectance

ROOM CAVITY RATIO

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1- Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems
2- Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems
3- Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

<table>
<thead>
<tr>
<th>BRAND</th>
<th>EASYFIT</th>
<th>LUTRON</th>
<th>enlightened</th>
<th>LEVITON</th>
<th>OSRAM</th>
<th>PHILIPS</th>
<th>LÉGRAND</th>
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<td><strong>CONTROL UNIT</strong></td>
<td>LEDRZ</td>
<td>FCUS-0-10</td>
<td>CU-4E-FMH</td>
<td>ZL027 –NOW</td>
<td>EN-WCM2-ZB-DR</td>
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<td><strong>WIRELESS DAYLIGHT SENSOR</strong></td>
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<td><strong>ACCESSORIES</strong></td>
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<td>TMC-SU-5E Tile Mount Carrier</td>
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<td><strong>NOTES</strong></td>
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<td>4- Luminaire will be compatible with LUTRON LRF2-OOCR2B-PWH Ceiling mount 3600deg occupancy/vacancy sensor &amp; LRF2- OCR2B-WH ceiling mount daylight sensor. Sensors must be ordered through Lutron</td>
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<td>6- Luminaire will be compatible with EN-SCHP-1500-ZB Wireless passive infrared occupancy and Photo Sensors</td>
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<td>5- Luminaire will be compatible with ENLIGHTED SU-5E-kot, SU-5E-CL, SU-SE-IL, SU-5S-H, Sensors</td>
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<td>8- Luminaire will be compatible with philips field and wireless switch</td>
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<td>9- Luminaire will be compatible with DLM Room control system LMPB-100. Sensors must be ordered through Legrand.</td>
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