A small aperture, architectural LED downlight that delivers the ultimate in uncompromised quality and performance, with precise, glare-free illumination, and unmatched flexibility. With the use of a single universal housing, it utilizes a multitude of trims, field changeable optics, and is fully adjustable to any beam angle, up to 45 degrees, with a full 365-degree horizontal rotation. Whether it’s high-end architectural, hospitality, commercial, residential, or retail, the ER3 provides the most innovative solution to any design application that requires a small aperture.

**FEATURES**

**LUMENS**
- 700, 900, 1200, 1500, 2000 (Custom lumen packages available)

**CCT & DYNAMIC PLATFORMS**
- 27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White

**CRI**
- 90+ Standard, 98+ Optional

**COLOR QUALITY**
- 2 Step MacAdam Ellipse

**DISTRIBUTIONS**
- WD (50-degree), MD (35-degree), and ND (25-degree)

**REFLECTOR COLORS**
- WH (White), CL (Chrome), SHZ (Satin Haze), BK (Black)

**FLANGE COLORS**
- WH (White)

**DIMMING**
- 0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFB, LUTF2, ELDO10.1, ELDO20, ELDO20L1.1, DIMTR

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

**LIFETIME**
- L70 at 102,000 Hours

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

**CCEA OPTION**
- For CCEA approved ER3 Family, please contact Elite Lighting for more information.

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**TRIM OPTIONS**
- Downlight, Lensed Downlight, Wall Wash, Adjustable Accent, and Pinhole, Square and Round Trim and Trim-less Options

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**NOMINAL LUMENS**
- 2000
- 1500
- 1200
- 900
- 700

**DELIVERED LUMENS**
- 2509
- 1527
- 1392
- 1037
- 881

**WATTAGE**
- 26 W
- 18 W
- 16 W
- 12 W
- 10 W

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**Candlepower Distribution Curve**

Reference IES files for additional distribution curve information.

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FLANGED OPTION
Post-painted powder coated Die-Cast trim ring available in white and custom colors (Please consult factory for custom paint color options). Collar and trim rotate jointly, and a Solite frosted lens is standard on all trims (Please consult factory for additional lens options). Available in Open Downlight, Lensed Downlight, Pinhole Downlight, Slot, Adjustable Downlight Accent or Lensed Adjustable Wall Wash. Trims attach to the housing with piano springs for snug fit and zero light leakage.

TRIM-LESS OPTION
Die-Cast perforated mesh cover intended for installation in drywall or plaster ceilings. Mudding may be applied right up to the edge of the luminaire opening to provide a seamless appearance. Trimless accessory is secured to the housing to prevent fractures in the ceiling and/or drywall during and after installation. Trims attach to the housing with piano springs for snug fit and zero light leakage. Available in Open Downlight, Lensed Downlight, Pinhole Downlight, Slot, Adjustable Downlight Accent or Lensed Adjustable Wall Wash.

HOUSING
Designed for new construction installations and suitable for Non IC applications. Thermally protected, specification grade adjustable recessed housing. For new construction insulated ceilings where housing will be in direct contact with insulation. die-formed all aluminum construction is painted matte black for maximum heat dissipation, rust protection and glare-free illumination.

MOUNTING
Pre-installed bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods, if necessary. Butterfly brackets are also provided and are constructed from 18-gauge steel and can be adjusted vertically. Butterfly brackets may be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars are available.

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

LISTINGS
c-UL-us - Listed for Wet Location if used with 1328 or 1307 Trims.
c-UL-us - Listed for Feed Through Wiring.
CP - City of Chicago Environmental Air (CCEA) marking for plenum applications (option).
Energy Star, JA8 and California Title 24 compliant.

OPTICS
Optical variation and choices allow for a custom solution to any application. Narrow at 25°, Medium at 35° and Wide at 50°.

AIMING
Proprietary hot aiming system allows the lamp to be positioned at the perfect setting to ensure the proper position of the beam of light before trim is installed. Lamp holder is designed to ensure that the center beam of the light source emerges out of luminaire at any angled position from 0° to 45°.

365° HORIZONTAL LOCKING
Effortlessly rotates on a 365° horizontal rotational smooth slotted groove track system

TOOL-LESS ADJUSTABILITY
Of the luminaire is to ensure whatever position is desired up to 45 degrees the beam and maximum lumen power is exiting the luminaire accordingly

DIMMING & DRIVER INFORMATION
- DIM-0 - 0-10V dimming on either MVOLT 120V or 277V, 347V. Dimmable down to 1% of initial lumens, standard.
- DIMTR - Triac & Electronic low voltage dimming. Available in 120V.
- 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.
- LUTFTB - Lutron PEQ0 Hi-Lume Premier Eco System. 0.1% dimming with Soft in Fade to Black dimming technology. Available on all luminaires up to 20 watts.
- ELDO10.1 - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and Dali control systems.
- DALI - DALI DT6, DT8 dimming down to 1%. Available on all luminaires up to 100 watts.
- ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.
- LUTFTB - Lutron PEQ0 Hi-Lume Premier Eco System. 0.1% dimming with Soft in Fade to Black dimming technology. Available on all luminaires up to 20 watts.
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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)

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
3" Architectural High Lumen Adjustable LED Downlight

**FLANGED OPTION:**
Post-painted powder coated Die-Cast trim ring available in white and custom colors (Please consult factory for custom paint color options). Collar and trim rotate jointly, and a Solite frosted lens is standard on all trims (Please consult factory for additional lens options). Available in Open Downlight, Lensed Downlight, Pinhole Downlight, Slot, Adjustable Downlight Accent or Lensed Adjustable Wall Wash. Trims attach to the housing with piano springs for snug fit and zero light leakage.

**FINISH**
- WH - White
- CL - Chrome
- SHZ - Satin Haze
- BK - Black

**TRIMLESS OPTION:**
Die-Cast perforated mesh cover intended for installation in drywall or plaster ceilings. Mudding may be applied right up to the edge of the luminaire opening to provide a seamless appearance. Trimless accessory is secured to the housing to prevent fractures in the ceiling and/or drywall during and after installation. Trims attach to the housing with piano springs for snug fit and zero light leakage. Available in Open Downlight, Lensed Downlight, Pinhole Downlight, Slot, Adjustable Downlight Accent or Lensed Adjustable Wall Wash.

**Note:**
Additional lens filters must only be used on open non-lensed downlight trim options.
Square Flanged Trim Options

- ES3-F-1302 Open Downlight
- ES3-F-1328 Lensed Downlight
  - Shower wet location
- ES3-F-1307 Lensed Wall Wash
- ES3-F-1363 Adjustable Accent
- ES3-F-1314 Pinhole Downlight

Square Trimless Options

- ES3-TL-1302 Open Downlight
- ES3-TL-1328 Lensed Downlight
  - Shower wet location
- ES3-TL-1307 Lensed Wall Wash
- ES3-TL-1363 Adjustable Accent
- ES3-TL-1314 Pinhole Downlight

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FINISH
- WH-White
- CL-Chrome
- SHZ-Satin Haze
- BK-Black

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Note:
Additional lens filters must only be used on open non-lensed downlight trim options

Square Trimless Option Only Offer With Ceiling Access
**ORDERING GUIDE**

### TRIM OPTIONS

#### ROUND TRIM OPTIONS

<table>
<thead>
<tr>
<th>TRIM OPTIONS</th>
<th>LUMENS</th>
<th>DIMMING</th>
<th>VOLTAGE</th>
<th>OPTICS</th>
<th>CCT</th>
<th>CRI</th>
<th>EMERGENCY</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ER3-TL-1332*</td>
<td>1200L</td>
<td>120</td>
<td>120V</td>
<td>ND</td>
<td>27K</td>
<td>90+</td>
<td>EMG-LED-10W</td>
<td>LUTFTB</td>
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<tr>
<td>ES3-TL-1307*</td>
<td>1500L</td>
<td>120</td>
<td>120V</td>
<td>MO</td>
<td>30K</td>
<td>90+</td>
<td>EMG-LED-20W</td>
<td></td>
</tr>
</tbody>
</table>

*Driver only accessible from the top of the luminaire when using Trim-less application.

**- LUTFTB up to 1500L only.
- LUTFWB 120V only.
- LUTH, ELDO10.1, ELDODALI.1, ELDODMX.1 120-277V only.

#### FLANGED TRIM OPTIONS

<table>
<thead>
<tr>
<th>TRIM OPTIONS</th>
<th>LUMENS</th>
<th>DIMMING</th>
<th>VOLTAGE</th>
<th>OPTICS</th>
<th>CCT</th>
<th>CRI</th>
<th>EMERGENCY</th>
<th>OPTIONS</th>
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<td>ER3-F-1328*</td>
<td>2000L</td>
<td>120</td>
<td>120-277V</td>
<td>ND</td>
<td>27K</td>
<td>90+</td>
<td>EMG-LED-10W</td>
<td>DIM10</td>
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<tr>
<td>ER3-F-1331*</td>
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<td>120</td>
<td>120-277V</td>
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<td>27K</td>
<td>90+</td>
<td>EMG-LED-20W</td>
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</tbody>
</table>

**- Lensed Downlight (wet Location)
- Pinhole Downlight

**- Pinhole and Slot are only available in black (Reflector) and white (Trim)

- Lensed Wall Wash (wet Location)

**- Pinhole and Slot are only available in black (Reflector) and white (Trim)

### SQUARE TRIM OPTIONS

<table>
<thead>
<tr>
<th>TRIM OPTIONS</th>
<th>LUMENS</th>
<th>DIMMING</th>
<th>VOLTAGE</th>
<th>OPTICS</th>
<th>CCT</th>
<th>CRI</th>
<th>EMERGENCY</th>
<th>OPTIONS</th>
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<tbody>
<tr>
<td>ES3-TL-1328*</td>
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<td>120</td>
<td>120V</td>
<td>ND</td>
<td>27K</td>
<td>90+</td>
<td>EMG-LED-10W</td>
<td>LUTFTB</td>
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<tr>
<td>ES3-TL-1307*</td>
<td>1500L</td>
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<td>120V</td>
<td>MO</td>
<td>30K</td>
<td>90+</td>
<td>EMG-LED-20W</td>
<td></td>
</tr>
</tbody>
</table>

*Driver only accessible from the top of the luminaire when using Trim-less application. Square trimless option only offer with ceiling access.

**- Pinhole and Slot are only available in black (Reflector) and white (Trim)

**- Lensed Downlight (wet Location)

Emergency only accessible from the top of the luminaire

### COLOR FILTERS & DISTRIBUTION FILTERS

<table>
<thead>
<tr>
<th>MR16 LENS FILTER</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT. #</td>
<td>COLOR</td>
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<tr>
<td>BP8MR16-6L-BL</td>
<td>BLUE</td>
</tr>
<tr>
<td>BP8MR16-6L-GR</td>
<td>GREEN</td>
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<tr>
<td>BP8MR16-6L-PK</td>
<td>PINK</td>
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<tr>
<td>BP8MR16-6L-PU</td>
<td>PURPLE</td>
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<tr>
<td>BP8MR16-6L-DL</td>
<td>DAY LIGHT</td>
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<tr>
<td>BP8MR16-6L-YE</td>
<td>YELLOW</td>
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<tr>
<td>BP8MR16-6L-AM</td>
<td>AMBER</td>
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<tr>
<td>BP8MR16-6L-OR</td>
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<tr>
<td>BP8MR16-6L-RE</td>
<td>RED</td>
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**Please consult factory

<table>
<thead>
<tr>
<th>MR16 SPECIALTY LENS FILTER</th>
<th>COLOR</th>
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<tbody>
<tr>
<td>CAT. #</td>
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<td>BP8MR16-6L-FR</td>
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<td>BP8MR16-6L-SF</td>
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<tr>
<td>BP8MR16-6L-CL</td>
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<td>BP8MR16-6L-UV</td>
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<tr>
<td>BP8MR16-6L-SP</td>
<td>SPREAD</td>
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<tr>
<td>BP8MR16-6L-HC</td>
<td>HONEY COMB</td>
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<tr>
<td>BP8MR16-6L-LI</td>
<td>LINEAR</td>
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<tr>
<td>BP8MR16-6L-SOL</td>
<td>SOLITE</td>
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</tbody>
</table>

**Note:**

Additional lens filters must only be used on open non-lensed downlight trim options

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### 3" Architectural High Lumen Adjustable LED Downlight ER3-LED

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>PHILIPS</th>
<th>Legrand</th>
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<tbody>
<tr>
<td><strong>CONTROL UNIT</strong></td>
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<tr>
<td>LEDRU LED Relay Zone Controller 0–10V</td>
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<td>LEDDU LED Zone Controller 0–10V</td>
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<tr>
<td>FCJS-010 Lutron Vive 0–10V Individual Pow Pak (Luminaire is shipped Vive Enabled)</td>
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<tr>
<td>CU-4E-FMH Fixture Mount Control Unit</td>
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<tr>
<td>FCJS-ECD Lutron Vive Eco-system Pow Pak (Luminaire is shipped Vive Enabled)</td>
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<td>ZL027–NOW Intellect Power Control Module</td>
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<td>ZL027–NOW Intellect Power Control Module</td>
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<td>ZL027–NOW Intellect Power Control Module</td>
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<td>ZBHA-QLM-DIM-ENC Connected Lighting Module DIM</td>
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<td>LMFC-011 ON/OFF/0–10V dimming fixture controller</td>
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<td>EN-WCM2-ZB-DR Wireless Control Module</td>
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<td>LMLS-400 Single zone switching and dimming digital photosensor</td>
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<td><strong>INTEGRATED SENSOR</strong></td>
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<td><strong>WIRELESS OCCUPANCY SENSOR</strong></td>
<td>EOSCU-W-EO Occupancy Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit)</td>
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<td><strong>WIRELESS DAYLIGHT SENSOR</strong></td>
<td>ELLSU-W-EO Light Level Sensor - Ceiling Mounted (Must be specified with LEDRU or LEDDU control unit)</td>
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4. Luminaire will be compatible with Lutron LFP2-OCR25-P WH Ceiling-mounted360° occupancy/vacancy sensor & LFP2-OCR15-WH Ceiling-mount daylight sensor. Sensors must be ordered through Lutron.
5. Luminaire will be compatible with ENLIGHTEED SU-5E-iOT, SU-5E-CL, SU-5E-IL, SU-5S-H, Sensors.
6. Luminaire will be compatible with Leviton Intellect App & Keypad Room Controller
7. Luminaire will be compatible with Philips field and wireless switch.
8. Luminaire will be compatible with DLM Room control system LMPB-100. DLM control system must be ordered through Legrand.
9. Luminaire will be compatible with DLM Room control system LMPB-100. DLM control system must be ordered through Legrand.