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By Elite Lighting

2016 TITLE

NON RESIDENTIAL LIGHTING CAN BE USED TO COMPLY WITH

TB-SG

HC-TL

TB-1516-FT

TB-SG

2” PROFILES  4” PROFILES

FEATURES

FLEX Architectural LED Recessed Linear delivers flexibility, with straight runs to complex 90o turns. Available in small standard profiles of 2” and 4”, or custom lengths, it accommodates drywall or Tbar installations, with fully illuminated corners to provide seamless, continuous lengths of light. A unique design with easy snap-in lens that complements corporate offices, educational, commercial, and retail spaces.

<table>
<thead>
<tr>
<th>LUMENS/FT</th>
<th>WATTS/FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>9.5</td>
</tr>
<tr>
<td>750</td>
<td>6.5</td>
</tr>
<tr>
<td>500</td>
<td>4.5</td>
</tr>
</tbody>
</table>

LUMENS PER FOOT 500, 750, 1000 or Custom

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

CRI 85+ Standard, 90+

COLOR QUALITY 3 Step MacAdam Ellipses

WIDTHS 2”, 4”, 6”, 8”, Continuous with 1” Increments

LENGTHS 2”, 4”, 6”, 8”, Continuous with 1” Increments

DISTRIBUTION PATTERNS Standard, Wall Wash

CONFIGURATION PATTERNS & LENGTHS Single, Continuous, Square, Rectangular, L-Shape, Custom with 90, 60, or 45 ° Angles

MOUNTING Ceiling, Wall, Wall to Ceiling Recessed Trim, Recessed Trimless

FINISH WH (White), BK (Black), SI (Silver), Custom RAL

DIMMING & CONTROLS 0-10V Flicker Free 1% Dimming Standard (DM10), LUTH, LUT2W, DIMST, ELDO10.1, ELDO1MX.1, DALI.1

EMERGENCY 10W - Up to 1000L Output (Bodine BSL310)

LIFETIME 20W - Up to 2000L Output (Bodine BSL20)

L70 at 50,000 Hours

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

Distribution Pattern:

Standard

Wall Wash

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OPTICS & PERFORMANCE
Fabricated from 20-gauge aluminum, with mitered corners, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency LED light that passes through a high-quality acrylic lens for optimal distribution patterns, creating a glare-free and even illumination. Distributions include Direct Downlight or Wall Wash, with zero light leakage.

CONSTRUCTION
One-piece rigid aluminum extrusion, made of T6063-T5 aluminum, with cast aluminum end caps. A precision cut, smooth white extruded frosted lens with snap-in design attaches firmly into the grooves of the body and can be easily removed for access to the driver and LED boards.

OPTICAL ASSEMBLY
Reflector is fabricated from 20-gauge aluminum, and post-painted finish with 95% reflective premium paint. Wall Wash reflectors are positioned at an angle.

DISTRIBUTION PATTERNS & DIFFUSER
Standard Distribution-A high-quality, smooth white frosted efficient acrylic lens is shipped standard for optimal distribution patterns, for most applications, and provides glare-free, even illumination. Wall Wash Distribution-Illuminates from the ceiling, down, for uniform vertical illumination.

CRM INSTALLATION
For continuous row mounting, the first luminaire in the row will always be the power supply feed. After plugging in the male and female harnesses, which are supplied with each luminaire, they will easily slide together, then secured with two screws from opposite directions in the connecting brackets.

DRIVER ELECTRICAL INFORMATION
Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple hassle-free continuous wiring, and each luminaire must be installed male to female.

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 3500K. 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)

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 Forward Phase Control, 1% dimming in 120V only.
LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.
ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.
DALI - DALI DT6, DT8 dimming down to 1%.
ELD00MX - 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)

LISTINGS
c-UL-us - Listed for Feed Through Wiring.
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory. Listed for DLC, California Title 24 compliant. Ul Listed for Damp location.
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**Series:**
- **OLS-R-LED-Oracle Recessed LED Linear**

**Width:**
- 2” - 4”

**Select Run Type:**
- **Single Run**
- **Cont. Run**
- **Rectangle**
- **Wall Ceiling**
- **Wall Ceiling Wall**
- **Custom** (Consult Factory)

**Total Run:**
- **Cont. Run**
- 2, 4, 6 OR 8’

**Recessed Option:**
- **TB-SG** - Slot Grid T-bar (9/16)
- **TB-1516-FT** - Flat Trim for 15/16 T-bar
- **HC-TL** - Trimless for Hard Ceiling
- **HC-FT** - Flat Trim for Hard Ceiling

**Shape:**
- **S** - Single Unit
- **CR** - Continuous Run
- **REC** - Rectangle
- **WC** - Wall Ceiling
- **WCW** - Wall Ceiling Wall
- **CUS** - Custom (Consult Factory)

**Width:**
- 2” - 4”

**Distribution:**
- **WW**

**Lumens:**
- **500L** - per ft.
- **750L** - per ft.
- **1000L** - per ft.

**DIMMING:**
- **0-10V Dimming**
- **Step Dimming**
- **Lutron HiLum**
- **Lutron 2-Wire**
- **EldoLED 0-10V**
- **EldoLED DALI Type B**
- **EldoLED DMX**

**Voltage:**
- **120**
- **277**
- **MVOLT**
- **347**

**CCT:**
- **30K**
- **35K**
- **40K**
- **50K**

**CRI:**
- **85**
- **90**

**Finish:**
- **White** (WH)
- **Silver** (SI)
- **Black** (BK)
- **RAL** (Consult Factory)

**Emergency:**
- **O-EMG-LED-10W**
- **O-EMG-LED-20W**

**Other Options:**
- **FBF** - Internal Fast Blow Fuse
- **SBF** - Internal Slow Blow Fuse
- **RIS** - Radio Interference Sensor
- **USA** - Made in America Compliance

- **LUT2W available in 120V**
- **ELDO10, ELDO DMX, LUTH available 120-277**
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<table>
<thead>
<tr>
<th>INPUT WATTS: 27</th>
<th>LUMENS: 3042</th>
<th>CRI: 85</th>
<th>EFFICACY: 113</th>
<th>CCT: 4000K</th>
</tr>
</thead>
</table>

**Coeficients of Utilization - Zonal Cavity Method**

**Effective Floor Reflectance 20% = PF**

<table>
<thead>
<tr>
<th>RC</th>
<th>80%</th>
<th>70%</th>
<th>60%</th>
<th>50%</th>
<th>40%</th>
<th>30%</th>
<th>20%</th>
<th>10%</th>
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<tbody>
<tr>
<td>0</td>
<td>1.11</td>
<td>1.11</td>
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<td>1.11</td>
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<tr>
<td>90</td>
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<tr>
<td>Diagonal</td>
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<td>1.11</td>
<td>1.11</td>
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**OLS-R-LED-2-S-4-1000L-DIM10-MVOLT-40K-85**

<table>
<thead>
<tr>
<th>INPUT WATTS: 38.1</th>
<th>LUMENS: 4163</th>
<th>CRI: 85</th>
<th>EFFICACY: 109</th>
<th>CCT: 4000K</th>
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**OLS-R-LED-2-S-4-750L-DIM10-MVOLT-40K-85**

<table>
<thead>
<tr>
<th>INPUT WATTS: 38.1</th>
<th>LUMENS: 4134</th>
<th>CRI: 85</th>
<th>EFFICACY: 109</th>
<th>CCT: 4000K</th>
</tr>
</thead>
</table>

**Candle Power Tabulation**

- **Test No.: EL081811**
- **Test No.: EL081815**
- **Test No.: EL081817**
- **Test No.: EL081819**
- **Test No.: EL081821**

**Candela Tabulation**

- **Test No.: EL081811**
- **Test No.: EL081815**
- **Test No.: EL081817**
- **Test No.: EL081819**
- **Test No.: EL081821**
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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>Legrand</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTROL UNIT</td>
<td>Q LEDRU LED Relay Zone Controller 0-10V 1</td>
<td>Q FC-0-10 Lutron Vive 0-10V Individual Control Models 2</td>
<td>Q CU-4E-FMH Fixture Mount Control Unit 3</td>
<td>Q ZL027 -NOW Intellect Power Control Module 4</td>
<td>Q EN-WCM2-ZB-DR Wireless Control Module 5</td>
<td>Q Xitanium SR LED DRIVER The Philips Advance Xitanium SR LED driver 6</td>
<td>Q LMFC-011 0-10V dimming fixture controller 7</td>
</tr>
<tr>
<td>Q LEDDU LED Zone Controller 0-10V 1</td>
<td>Q FCJ-ECO Lutron Vive Eco-system Individual Control Models 2</td>
<td></td>
<td>Q ZL027 -DLE Intellect Power Control Module 8</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

| INTEGRATED OCCUPANCY & DAYLIGHT SENSOR | N/A | N/A | N/A | Q DFCSJ-DEM-0CC Clear Connect (RF) and Occupancy/Daylight Sensing 2 | N/A | N/A | Q FD-301 Fixture integrated Daylight Dimming Sensor 2 |
| WIRELESS OCCUPANCY SENSOR | Q ESOU-W-EO Occupancy Sensor - Ceiling Mounted 2 | Q LRF2-OCR28-P-WH Ceiling mount360° occupancy/vacancy sensor 3 | N/A | Q EN-SOPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3 | N/A | Q LMDC-100 Dual technology PR Ceiling Mount Occupancy Sensor 3 |
| WIRELESS DAYLIGHT SENSOR | Q ELSU-W-EO Light Level Sensor - Ceiling Mounted 2 | Q LRF2-OCR8-WH Ceiling-mount daylight sensor 2 | N/A | N/A | N/A | Q LMDC-400 Single zone switching and dimming digital photosensor 4 |
| WIRELESS OCCUPANCY & DAYLIGHT SENSOR | N/A | N/A | N/A | Q SU-SE-IL IoT Node Micro Sensor | Q ZL00-J-TOW Intellect Intelligent Fixture Control System 2 | Q EN-SOPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3 | N/A |
| ACCESSORIES | N/A | N/A | N/A | Q SU-SE-CL Connected Micro Sensor | Q ZL00-J-TOW Intellect Intelligent Fixture Control System 2 | Q EN-SOPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3 | N/A |
| NOTES | N/A | N/A | N/A | Q SU-SE-IL Connected Micro Sensor | Q ZL00-J-TOW Intellect Intelligent Fixture Control System 2 | Q EN-SOPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors 3 | N/A |

4- Luminaire will be compatible with Lutron LRF2-OCR28-PW Ceiling mount 360deg occupancy/vacancy sensor & LRF2-OCR8-WH ceiling mount daylight sensor. Sensors must be ordered through Lutron
5- Luminaire will be compatible with ENLIGH LEDSU-IL, SU-SE-CL, SU-SE-LL, SU-SSH, Sensors
6- Luminaire will be compatible with Lutron 1 recessed APP & Keyed room controller
7- Luminaire will be compatible with EN-SOPPH-1500-2B Wireless passive infrared occupancy and photo sensor
8- Luminaire will be compatible with philips field and wireless switch
9- Luminaire will be compatible with Lutron Room control system LMPC-100. Sensors must be ordered through Legrand.