BeveLED2.1 Trimless
COLOR SELECT®
Covered By US Patents 8,581,520 and 8,456,109

Color Select Trimless Recessed Wall Wash - Independent color temperature and intensity control for LED lighting. Color Select® represents the next innovation in color temperature control for advanced LED recessed downlighting. Color Select® products allow users to adjust color temperature from 6000K down to 2200K while independently adjusting intensity to achieve ultimate control over the quality of light in a space with a single fixture type. Color Select interfaces with standard dimming and control systems.

DELIVERED PERFORMANCE

<table>
<thead>
<tr>
<th>BeveLED2.1</th>
<th>2200K</th>
<th>2700K</th>
<th>3000K</th>
<th>3500K</th>
<th>4000K</th>
<th>4500K</th>
<th>5000K</th>
<th>5500K</th>
<th>6000K</th>
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<tbody>
<tr>
<td>Delivered Lumens Per Watt</td>
<td>40</td>
<td>45</td>
<td>47</td>
<td>48</td>
<td>50</td>
<td>52</td>
<td>54</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>Source Lumens</td>
<td>1100</td>
<td>1200</td>
<td>1250</td>
<td>1300</td>
<td>1375</td>
<td>1375</td>
<td>1400</td>
<td>1450</td>
<td>1475</td>
</tr>
<tr>
<td>Delivered Lumens</td>
<td>575</td>
<td>650</td>
<td>675</td>
<td>700</td>
<td>725</td>
<td>750</td>
<td>750</td>
<td>775</td>
<td>800</td>
</tr>
<tr>
<td>Delivered Lumens Per Watt</td>
<td>32</td>
<td>35</td>
<td>37</td>
<td>39</td>
<td>41</td>
<td>42</td>
<td>43</td>
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</tr>
<tr>
<td>Source Lumens</td>
<td>1825</td>
<td>2000</td>
<td>2075</td>
<td>2175</td>
<td>2275</td>
<td>2300</td>
<td>2350</td>
<td>2425</td>
<td>2450</td>
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<tr>
<td>Delivered Lumens</td>
<td>875</td>
<td>1075</td>
<td>1125</td>
<td>1150</td>
<td>1200</td>
<td>1225</td>
<td>1250</td>
<td>1300</td>
<td>1325</td>
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</tbody>
</table>

HOW TO SPECIFY

Ordering Example: Specify trim code and housing code to order:
Example : 3354W - B1 - 10 - LRLW4 - 6016 - CSD1 - 6022KS - NC - 120V - DIML3 - 010V - CB27

TRIM ORDERING INFORMATION

<table>
<thead>
<tr>
<th>TRIM</th>
<th>OPTION</th>
<th>BEVEL STYLE</th>
<th>B1 BEVEL FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>3354</td>
<td>W Wet location 1</td>
<td>B1 1&quot; Regress Bevel, Painted Die Cast</td>
<td>10 White</td>
</tr>
<tr>
<td>3354</td>
<td>W Wet location, use with B1 trims only.</td>
<td>13 Statuary Bronze</td>
<td>21 Black</td>
</tr>
<tr>
<td>3354</td>
<td>AB1 1&quot; Regress Bevel, Black Anodized Finish</td>
<td>28 Metalized Grey RAL Custom Color (specify RAL #)</td>
<td></td>
</tr>
<tr>
<td>3354</td>
<td>AC1 1&quot; Regress Bevel, Clear Matte Anodized Finish</td>
<td>(Leave blank for AB1 and AC1 Bevel Styles)</td>
<td></td>
</tr>
</tbody>
</table>

HOUSING ORDERING INFORMATION

<table>
<thead>
<tr>
<th>HOUSING CODE</th>
<th>WATTAGE ENGINE CODE COLOR</th>
<th>HOUSING TYPE</th>
<th>VOLTAGE</th>
<th>DIMMING DRIVER OPTIONS</th>
<th>COLOR CONTROL</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>LRLW4</td>
<td>6016 16W LED, 800 lumens</td>
<td>6022KS</td>
<td>6000K-2200K Tunable White Light 80+ CRI</td>
<td>New Construction CP Chicago Plenum ² IC Insulation-Contact Rated / Airtight ²</td>
<td>0-10V 0-10V signal transitions color temperature from 6000K to 2200K</td>
<td>010V</td>
</tr>
<tr>
<td>CSD1</td>
<td>6032 32W LED, 1325 lumens</td>
<td>6022KS</td>
<td>10V/10V, 0-10V, 0-10V, 0-10V, 0-10V, 0-10V, 0-10V, 0-10V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

² Not available with EM

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**TRIM INFORMATION**

**BeveLED® Trimless COLOR SELECT®**

Covered By US Patents 8,581,520 and 8,456,109

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**TRIM**: 4-1/2” round aperture with a 1” regressed bevel retained by three ball plungers. Die cast aluminum bevel is available in white, statuary bronze, black, and metalized grey finishes. Also available in black anodized or clear matte anodized bevel. Custom color available (provide RAL#).

**TRIM LENS**: Trim is shipped with micro diffusion wall wash lens.

**REFLECTOR**: Proprietary precision injection molded wall wash reflector.

**ADJUSTMENT**: 362° horizontal locking in 90° increments.

**FIELD REPLACEABLE LIGHT ENGINE**: Available in 2 lumen packages: 16W and 32W. Engine is field replaceable through the aperture without tools.

**RATED LIFE**: Based on IESNA LM80-2008 50,000 hours at 70% lumen maintenance (L70).

**THERMAL MANAGEMENT**: Proprietary high performance aluminum die cast heatsink for maximum LED life. Ambient temperatures at fixture location should not exceed 40°C during normal operation.

**FIELD REPLACEABLE DIMMING DRIVER**: 0-10V, 100%-10% D1ML2 solid state electronic constant current driver with a high power factor provided standard and sources 2mA. Specify 120V or 277V. Driver complies with IEEE C62.41 surge protection.

**COLOR CONTROL**: Patented tunable white light transitions color temperature from 6000K to 2200K from a 0-10V signal.

**DIMMING OPTIONS**: Multiple dimming drivers available. See compatibility chart attached. Some on-time delay may be experienced, depending on control system used. Note: D1ML6A and D1ML6E logarithmic control are intended for use with Lutron control systems; D1ML6B and 6F linear control are intended for use with non-Lutron controls. D1ML6 dimming drivers source 2mA.

**EMERGENCY**: Emergency lighting battery pack with remote test switch is serviceable through aperture. EMLW wet location option is available with B1 trim only. NRTL/CSA-US tested to UL standards. IBEW union made.

**HOUSING**: Fabricated of 20 ga. galvanized steel with thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring.

**MAXIMUM CEILING THICKNESS**: As per drawings above. Millwork for 1” maximum wood.

**CEILING CUT OUT**: Millwork: 4-13/16” Ø All others: 5-1/2” Ø

**LISTINGS**: Dry/Damp. Millwork for dry/damp only. Wet location option available with B1 trim only. NRTL/CSA-US tested to UL standards. IBEW union made.

**WARRANTY**: 5 years

**NOTES**:
- Not for use in corrosive environment.
- Use of pressure washer voids warranty.
- For interior use only
- Not for use with acoustical ceilings.
- Trimless for drywall installation only
- Millwork option for non-spackle installations
- Consult factory for video capture applications.

**PHOTOMETRICS**: Consult factory or website for IES files. Tested in accordance with IESNA LM79-2008.
INTENSITY DIMMING DRIVER COMPATIBILITY
SELECTION GUIDE
DIML2 STANDARD DRIVER

INTENSITY DIMMING DRIVER WIRING SCHEMES:

Note: Wiring diagrams are examples of typical installations intended to illustrate the number of wires that must be run to fixture. These diagrams are not intended to specify all equipment necessary for a given dimming circuit. Refer to specific dimmer manufacturer’s documentation for details.

STANDARD DRIVER: 0-10V Intensity Dimming Driver Wiring (Dims down to 10%)

NOTE: Consult dimmer manufacturer for detailed installation information.
For use with 0-10V type controls.
Use only with approved vendor models in table below

0-10V Dimming w/ Relay Switch to Power

0-10V Dimming

D2 / DIML2 LED: 0-10V Dimming Driver Wiring (Dims down to 10%)

D2 / DIML2 LED Dimmer Compatibility Chart

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product</th>
<th>Part Number</th>
<th>Dimmed Light Output Range</th>
<th>Qty Fixtures*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crestron</td>
<td>iLux dimmer expansion module</td>
<td>CLS-EXP-DIMFLV</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>DIN Rail dimmer</td>
<td>DIN-4DIMFLV4</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>DIN Rail analog output module</td>
<td>DIN-A0B</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>8 Channel dimmer module</td>
<td>GLX-DIMFLV8</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>8 Channel dimmer module</td>
<td>GLXP-DIMFLV8</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Leviton</td>
<td>IllumaTech dimmer</td>
<td>IPY10-DLX</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Lightolier (Philips)</td>
<td>Vega</td>
<td>V2000FAMU</td>
<td>100% - 10%</td>
<td></td>
</tr>
<tr>
<td>Lutron</td>
<td>Diva</td>
<td>DVTX-XX</td>
<td>100% - 10%</td>
<td></td>
</tr>
</tbody>
</table>

* NOTE: Refer to dimmer manufacturer’s documentation for installation instructions and circuit details.

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INTENSITY DIMMING DRIVER COMPATIBILITY
SELECTION GUIDE
DIML3

INTENSITY DIMMING DRIVER WIRING SCHEMES:

Note: Wiring diagrams are examples of typical installations intended to illustrate the number of wires that must be run to fixture. These diagrams are not intended to specify all equipment necessary for a given dimming circuit. Refer to specific dimmer manufacturer’s documentation for details.

DIML3 LED: Lutron Hi-Lume A-Series 2 Wire Fwd Phase (with neutral) / LED Dimming Driver Wiring (Dims down to 1%) 120V only.

![Wiring Diagram]

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product Description</th>
<th>Part Number</th>
<th>Dimmed Light Output Range</th>
<th>Qty Fixtures Per Dimmer*</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V Only</td>
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<td></td>
</tr>
<tr>
<td>ETC</td>
<td>Sensor+ Cabinet</td>
<td>ELV10</td>
<td>100% - 1%</td>
<td>1 – 26</td>
</tr>
<tr>
<td>ETC</td>
<td>Unison DDr Cabinet</td>
<td>ELV10</td>
<td>100% - 1%</td>
<td>1 – 26</td>
</tr>
<tr>
<td>Lutron</td>
<td>Maestro Wireless® 600W dimmer</td>
<td>MPF2-6ND-120-</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>Maestro Wireless® 1000W dimmer</td>
<td>MPF2-10ND-120-</td>
<td>100% - 1%</td>
<td>1 – 13</td>
</tr>
<tr>
<td>Lutron</td>
<td>HomeWorks® QS adaptive dimmer</td>
<td>HDRD-4NA-70W</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>HomeWorks® QS 600W dimmer</td>
<td>HDRD-6ND-70W</td>
<td>100% - 1%</td>
<td>1 – 13</td>
</tr>
<tr>
<td>Lutron</td>
<td>HomeWorks® QS 1000 W dimmer</td>
<td>HDRD-10ND-70W</td>
<td>100% - 1%</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Lutron</td>
<td>Caseta Wireless® Pro 1000W dimmer</td>
<td>PD-10N100-50W</td>
<td>100% - 1%</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Lutron</td>
<td>Stanza® dimmer</td>
<td>SZ-6ND-70W</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>RadioRA® 2 adaptive dimmer</td>
<td>RRD-6NA-50W</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>RadioRA® 2 1000 W dimmer</td>
<td>RRD-10ND-50W</td>
<td>100% - 1%</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Lutron</td>
<td>myRoom DIN power module</td>
<td>MGSE-4A1-D</td>
<td>100% - 1%</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Lutron</td>
<td>HomeWorks® QS wallbox power module</td>
<td>HDRJ-WPM-6D-120-</td>
<td>100% - 1%</td>
<td>1 – 13</td>
</tr>
<tr>
<td>Lutron</td>
<td>HomeWorks® DIN power module</td>
<td>LSSE-4A1-D</td>
<td>100% - 1%</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Lutron</td>
<td>HomeWorks® wallbox power module</td>
<td>HWI-WPM-8D-120</td>
<td>100% - 1%</td>
<td>1 – 13</td>
</tr>
<tr>
<td>Lutron</td>
<td>GRAFIK Eye® QS control unit</td>
<td>QSGR-70W</td>
<td>100% - 1%</td>
<td>1 – 26</td>
</tr>
<tr>
<td>Lutron</td>
<td>GRAFIK Eye® 3000 control unit</td>
<td>GRX-3000-50W</td>
<td>100% - 1%</td>
<td>1 – 26</td>
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<tr>
<td>Lutron</td>
<td>RPM-4U module</td>
<td>HW-RPM-4U-120</td>
<td>100% - 1%</td>
<td>1 – 26</td>
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<tr>
<td>Lutron</td>
<td>RPM-4A module</td>
<td>HW-RPM-4A-120</td>
<td>100% - 1%</td>
<td>1 – 26</td>
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<td>Lutron</td>
<td>GP dimming panels</td>
<td>Various</td>
<td>100% - 1%</td>
<td>1 – 26</td>
</tr>
<tr>
<td>Lutron</td>
<td>Anadri CL 250W dimmer</td>
<td>AYCL-253P-70W</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>Diva CL 250W dimmer</td>
<td>DVCL-253P-70W</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>Grafa T CL or RF CL dimmer</td>
<td>GT-250M-50W</td>
<td>100% - 1%</td>
<td>1 – 8</td>
</tr>
<tr>
<td>Lutron</td>
<td>Nova CL 250W dimmer</td>
<td>NTCL-250-50W</td>
<td>100% - 1%</td>
<td>1 – 10</td>
</tr>
</tbody>
</table>

* NOTE: Refer to dimmer manufacturer’s documentation for installation instructions and circuit details.
INTENSITY DIMMING DRIVER COMPATIBILITY
SELECTION GUIDE
DIML6A & 6B
DIML6E & DIML6F

INTENSITY DIMMING DRIVER WIRING SCHEMES:

Note: Wiring diagrams are examples of typical installations intended to illustrate the number of wires that must be run to fixture. These diagrams are not intended to specify all equipment necessary for a given dimming circuit. Refer to specific dimmer manufacturer’s documentation for details.

0-10V Dimming w/ Relay Switch to Power

D6A / DIML6A and D6E / DIML6E LED Dimming Compatibility Table

D6A / DIML6A and D6E / DIML6E are logarithmically-programmed dimming drivers for use with the dimming controls listed in the table below.

D6A / DIML6A = EldoLED SOLOdrive 0-10V control dims from 100% to 0.1%

D6E / DIML6E = EldoLED ECOdrive 0-10V control dims from 100% to 1%

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product</th>
<th>Part Number</th>
<th>Dimmed Light Output Range</th>
<th>Qty Fixtures Per Dimmer*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutron</td>
<td>Diva</td>
<td>DVTV/NFTV with PP-20</td>
<td>99% - 0.1%</td>
<td>Refer to manufacturer’s dimmer load rating for maximum and minimum fixture quantities per dimmer. Enlighted compatible.</td>
</tr>
<tr>
<td>Lutron</td>
<td>Nova T</td>
<td>NTFTV with PP-20</td>
<td>99% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Lutron</td>
<td>Energi Savr Node</td>
<td>QSN-4T16-S</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Lutron</td>
<td>GP Dimming Panels</td>
<td>TVE2 Module</td>
<td>99% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Lutron</td>
<td>Interfaces</td>
<td>GRX-7TV w/ GRX3903</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Sensor Switch</td>
<td>nIO</td>
<td>nIO EZ</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>enlighted Control Unit</td>
<td>CU-3E-1R</td>
<td>100% - 0.1%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

D6B / DIML6B and D6F / DIML6F LED Dimming Compatibility Table

D6B / DIML6B and D6F / DIML6F are linearily-programmed dimming drivers for use with the dimming controls listed in the table below.

D6B / DIML6B = EldoLED SOLOdrive 0-10V control dims from 100% to 0.1%

D6F / DIML6F = EldoLED ECOdrive 0-10V control dims from 100% to 1%

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product</th>
<th>Part Number</th>
<th>Dimmed Light Output Range</th>
<th>Qty Fixtures Per Dimmer*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leviton</td>
<td>Iluma Tech dimmer</td>
<td>IP710-DIX</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Lutron</td>
<td>Momentum (120V ONLY)</td>
<td>ZP600FAM120</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Merten</td>
<td>Electronic potentiometer</td>
<td>5729</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Bush-Jaeger</td>
<td>Electronic potentiometer</td>
<td>2112U-101</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Jung</td>
<td>Electronic potentiometer</td>
<td>240-10</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>ABB</td>
<td>I-bus</td>
<td>SD/S 2.16.1</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>Modules</td>
<td>GLX-DIMFLV8, GLXP-DIMFLV8</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>Green Light</td>
<td>GLPAC-DIMFLV4, GLPAC-DIMFLV8</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>Green Light Power Pack</td>
<td>GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>DIN Rail Analog Output Module</td>
<td>DIN-A08</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>DIN Rail 0-10V Fluorescent Dimmer</td>
<td>DIN-4DIMFLV4</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>Crestron</td>
<td>iLux 0-10V Dimmer Expansion Module</td>
<td>CLS-EXP-DIMFLV</td>
<td>100% - 0.1%</td>
<td></td>
</tr>
<tr>
<td>enlighted Control Unit</td>
<td>CU-3E-1R</td>
<td>100% - 0.1%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INTENSITY DIMMING DRIVER COMPATIBILITY
SELECTION GUIDE
DIML7

INTENSITY DIMMING DRIVER WIRING SCHEMES:

Note: Wiring diagrams are examples of typical installations intended to illustrate the number of wires that must be run to fixture. These diagrams are not intended to specify all equipment necessary for a given dimming circuit. Refer to specific dimmer manufacturer's documentation for details.

**DIML7 LED: eldoLED DALI dimming driver (dims down to 0.1%)**

![Wiring Diagram](image-url)

**NOTE:** Refer to dimmer manufacturer's documentation for installation instructions and circuit details.