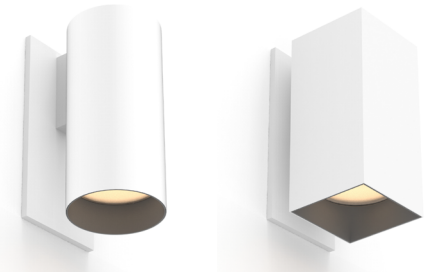


# WALL SCONCE CYLINDER & SQUILINDER®

|               |       |
|---------------|-------|
| PROJECT NAME: | TYPE: |
|---------------|-------|



Exceptional adaptability and performance in classic and modern silhouettes that mount seamlessly and invisibly to the wall.

## ORDERING INFORMATION

**TITLE 24** JA8-2019 INDICATED BY SHADING

| SHAPE                          | TYPE              | RATING       | BODY FINISH  | BAFFLE FINISH  | LUMEN PACKAGE  | OCT   | LOWER OPTIC  | UPPER OPTIC   | DRIVER  | LOWER LENS   | UPPER LENS   |  |
|--------------------------------|-------------------|--------------|--|--|--|---|--|---|---|--|--|--|
|                                |                   | <b>2</b>     |  |  |  |   |  |   |   |  |  |  |
| CW2 Cylinder<br>SW2 Squilinder | DF Downlight      | 2 Wet (IP65) | WH White   | WH White   | <b>DOWNLIGHT (DF)<br/>STATIC WHITE</b>   | 22 2200K*   | 15 15°   | 00 DF Only*   | <b>DOWNLIGHT (DF)<br/>INTEGRAL</b>  | 3 Clear Glass Lens*  | 9 Diffusion Lens*  |  |
|                                | UD Up / Downlight |              | BK Black   | BK Black   | 80C12A 80+ CRI, Delivered Lumens - 706<br>80C19A 80+ CRI, Delivered Lumens - 1092<br>80C23A 80+ CRI, Delivered Lumens - 1337<br>90C10A 90+ CRI, Delivered Lumens - 604<br>90C15A 90+ CRI, Delivered Lumens - 937<br>90C20A 90+ CRI, Delivered Lumens - 1140<br>97C09A 97+ CRI, Delivered Lumens - 543<br>97C14A 97+ CRI, Delivered Lumens - 835<br>97C18A 97+ CRI, Delivered Lumens - 1025 | 22 2200K*<br>*Only available for 90+ CRI)<br>25 25°<br>40 40°<br>60 60°   | 00 DF Only*<br>*Required with DF fixture)  | RP1 120V, 1% ELV / TRIAC or 120-277V, 1% 0-10V Analog Logarithmic<br><b>REMOTE (120V)</b><br>TR2 Philips, 2% Leading/Trailing/Triac*<br>*Only available with 80C19A, 90C15A and 97C14A) | 4 Soft Focus Lens<br>5 Frosted Glass Lens<br>6 Frosted Soft Focus Lens<br>7 Frosted Linear Spread Lens* | *Required with UD fixture)<br>LEAVE BLANK FOR DOWNLIGHT (DF)                             |  |  |
|                                |                   |              | AB Architectural Bronze<br>AG Satin Silver<br>AU Cashmere Gold<br>BB Burnt Bronze<br>CF Custom Finish*<br>*(Consult Factory) | AB Architectural Bronze<br>AG Satin Silver<br>AU Cashmere Gold<br>BB Burnt Bronze<br>CF Custom Finish*<br>*(Consult Factory) | <b>DOWNLIGHT (DF)<br/>WARM DIM</b>   | 90W11A 90+ CRI, Delivered Lumens - 844 Incandescent Profile<br>90W13A 90+ CRI, Delivered Lumens - 888 Halogen Profile<br>*SEE PAGE 3 FOR DETAILED WARM DIM PROFILE COMPARISON.  | 25 25°<br>40 40°<br>60 60°   | 00 DF Only*<br>*Required with DF fixture)   | <b>UP / DOWNLIGHT (UD)<br/>INTEGRAL</b>   | CA2 120-277V 0-10V Analog Logarithmic<br>CE2 120V Electronic ELV Forward / Reverse Phase |  |  |
|                                |                   |              |  |  | <b>UP / DOWNLIGHT (UD)<br/>STATIC WHITE</b>  | 80C12A 80+ CRI, 1200 Source Lumens (Delivered - 1,587)<br>90C10A 90+ CRI, 1000 Source Lumens (Delivered - 1,361)<br>97C09A 97+ CRI, 900 Source Lumens (Delivered - 1,220)<br>*ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 40° OPTIC AND SOFT FOCUS LENS. REFERENCE PAGE 3 FOR ADDITIONAL T24 COMPLIANT CONFIGURATIONS. | 22 2200K*<br>*Only available for 90C10A)<br>25 25°<br>40 40°<br>60 60°<br>27 2700K<br>30 3000K<br>35 3500K<br>40 4000K | 15 15°<br>25 25°<br>40 40°<br>60 60°  | 15 15°<br>40 40°<br>60 60°  | <b>DOWNLIGHT (DF) &amp;<br/>UP / DOWNLIGHT (UD)<br/>REMOTE (120V)</b>                    | L23 Lutron, Hi-Lume 1% 2-Wire<br><b>REMOTE (120-277V)</b><br>LH1 Lutron, Hi-Lume 1% Ecosystem<br>AN4 Philips Titanium 1% 0-10V, LOG<br>EA2 eldoLED, SOL0drive 0.1% 0-10V, LOG<br>ED1 eldoLED, SOL0drive 0.1% DALI, LOG |  |



## SPECIFICATION NOTES

- Wall Sconce (ex.) CW2-DF2-WHBK-90C20A2-30-RP1-40
- Wall Sconce (ex.) SW2-UD2-WHBK-80C12A2-33-RMT-49
- Up / Downlight (UD) fixtures require two remote drivers
- Remote driver(s) ships as (ex.) PS-RMT-80C12A-1L23

# WALL SCNCE

## ACCESSORIES

### CYLINDER ALTERNATE BAFFLE AND EFFECTS DEVICE

Includes baffle with sealed lens.

Must specify baffle finish.

**RBA-CY2-\*\*-CGL** Clear Glass Lens\*

\*(Not available for Warm Dim)

**RBA-CY2-\*\*-SFL** Soft Focus Lens

**RBA-CY2-\*\*-FGL** Frosted Glass Lens

**RBA-CY2-\*\*-FSFL** Frosted Soft Focus Lens

**RBA-CY2-\*\*-FSL** Frosted Linear Spread Lens

\*\* Baffle finish: Specify **WH** for white, **BK** for black, **AG** for satin silver, **AB** for architectural bronze, **AU** for cashmere gold, or **BB** for burnt bronze.

### LOWER REPLACEMENT OPTIC

**RO-70-15-1** 15° optic

**RO-70-25-1** 25° optic

**RO-70-40-1** 40° optic

**RO-70-60-1** 60° optic

### REPLACEMENT SUCTION TOOL

Included with each order [1 per 10 fixtures].

**CY-SQ-TOOL-SUCTION** Baffle assembly removal tool

### SQUILINDER ALTERNATE BAFFLE AND EFFECTS DEVICE

Includes baffle with sealed lens.

Must specify baffle finish.

**RBA-SQ2-\*\*-CGL-2** Clear Glass Lens\*

\*(Not available for Warm Dim)

**RBA-SQ2-\*\*-SFL-2** Soft Focus Lens

**RBA-SQ2-\*\*-FGL-2** Frosted Glass Lens

**RBA-SQ2-\*\*-FSFL-2** Frosted Soft Focus Lens

\*\* Baffle finish: Specify **WH** for white, **BK** for black, **AG** for satin silver, **AB** for architectural bronze, **AU** for cashmere gold, or **BB** for burnt bronze.

### UPPER REPLACEMENT OPTIC

**RO-50-15-1** 15° optic

**RO-50-40-1** 40° optic

**RO-50-60-1** 60° optic

## STATIC WHITE PERFORMANCE - 3000K - SOFT FOCUS LENS

| LUMEN PACKAGE    | WATTAGE | 15° OPTIC |     | 25° OPTIC |     | 40° OPTIC |     | 60° OPTIC |     |
|------------------|---------|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
|                  |         | DELIVERED | LPW | DELIVERED | LPW | DELIVERED | LPW | DELIVERED | LPW |
| <b>DOWNLIGHT</b> |         |           |     |           |     |           |     |           |     |
| 80C12A           | 10      | 813       | 81  | 764       | 76  | 706       | 70  | 789       | 78  |
| 80C19A           | 17      | 1257      | 74  | 1182      | 69  | 1092      | 64  | 1221      | 72  |
| 80C23A           | 21      | 1539      | 73  | 1448      | 68  | 1337      | 63  | 1495      | 71  |
| 90C10A           | 10      | 695       | 69  | 654       | 65  | 604       | 60  | 675       | 68  |
| 90C15A           | 17      | 1078      | 63  | 1014      | 59  | 937       | 55  | 1047      | 61  |
| 90C20A           | 21      | 1313      | 62  | 1235      | 58  | 1140      | 54  | 1275      | 60  |
| 97C09A           | 10      | 625       | 62  | 588       | 58  | 543       | 54  | 607       | 60  |
| 97C14A           | 17      | 961       | 57  | 904       | 53  | 835       | 49  | 933       | 55  |
| 97C18A           | 21      | 1180      | 56  | 1110      | 52  | 1025      | 48  | 1146      | 54  |
| 90W11A           | 16      | -         | -   | 803       | 50  | 729       | 45  | 825       | 52  |
| 90W13A           | 16      | -         | -   | 845       | 52  | 767       | 48  | 868       | 54  |
| <b>UPLIGHT</b>   |         |           |     |           |     |           |     |           |     |
| 80C12A*          | 10      | 922       | 92  | -         | -   | 881       | 88  | 919       | 92  |
| 90C10A*          | 10      | 793       | 79  | -         | -   | 757       | 76  | 790       | 79  |
| 97C09A*          | 10      | 709       | 71  | -         | -   | 677       | 68  | 707       | 71  |

| OUTPUT MULTIPLIER                          |           |
|--|-----------|
| CCT  | CCT SCALE |
| 2200K<br>(Consult factory for JA8 details) | 0.800     |
| 2700K                                      | 0.957     |
| 3000K                                      | 1.000     |
| 3500K                                      | 1.019     |
| 4000K                                      | 1.030     |

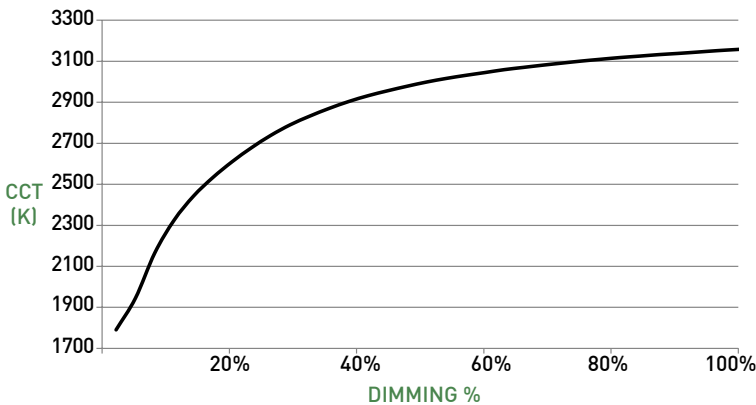
| LIGHT LOSS FACTOR |      |
|-------------------|------|
| No Lens           | 1.05 |
| CGL               | 1.05 |
| SFL               | 1.00 |
| FGL               | 0.90 |
| FSFL              | 0.87 |
| FLSL              | 0.83 |

**\*NOTE:** To determine total performance for up / downlight (UD) fixture, add delivered lumens of Up and Down configurations and divide by total system wattage (20W = 10W Up + 10W Down).

## WARM DIM PERFORMANCE - SOFT FOCUS LENS - 40° OPTIC

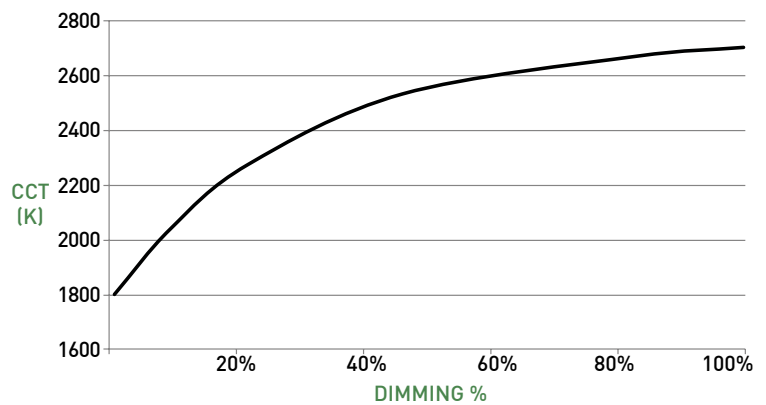
WARM DIM TO MIRROR HALOGEN DIMMING PROFILE

| 90W13A<br>3200K - 1800K | Full on<br>100% | Dimmed<br>to 80% | Dimmed<br>to 70% | Dimmed<br>to 50% | Dimmed<br>to 20% | Dimmed<br>to 10% | Dimmed<br>to 2% |
|-------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| CCT (K)                 | 3200            | 3150             | 3100             | 3000             | 2700             | 2200             | 1800            |
| Light Output (Lm)       | 767             | 614              | 537              | 383              | 153              | 77               | 15              |
| Power (W)               | 16              | 13               | 11               | 8                | 3                | 1.7              | 0.3             |
| Efficacy (LPW)          | 48              | 48               | 48               | 48               | 48               | 48               | 48              |



WARM DIM TO MIRROR INCANDESCENT DIMMING PROFILE

| 90W11A<br>2700K - 1800K | Full on<br>100% | Dimmed<br>to 80% | Dimmed<br>to 70% | Dimmed<br>to 50% | Dimmed<br>to 20% | Dimmed<br>to 10% | Dimmed<br>to 2% |
|-------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| CCT (K)                 | 2700            | 2650             | 2620             | 2520             | 2180             | 1950             | 1800            |
| Light Output (Lm)       | 729             | 583              | 510              | 364              | 146              | 73               | 14              |
| Power (W)               | 16              | 13               | 11               | 8                | 3                | 1.7              | 0.3             |
| Efficacy (LPW)          | 45              | 45               | 45               | 45               | 45               | 45               | 45              |

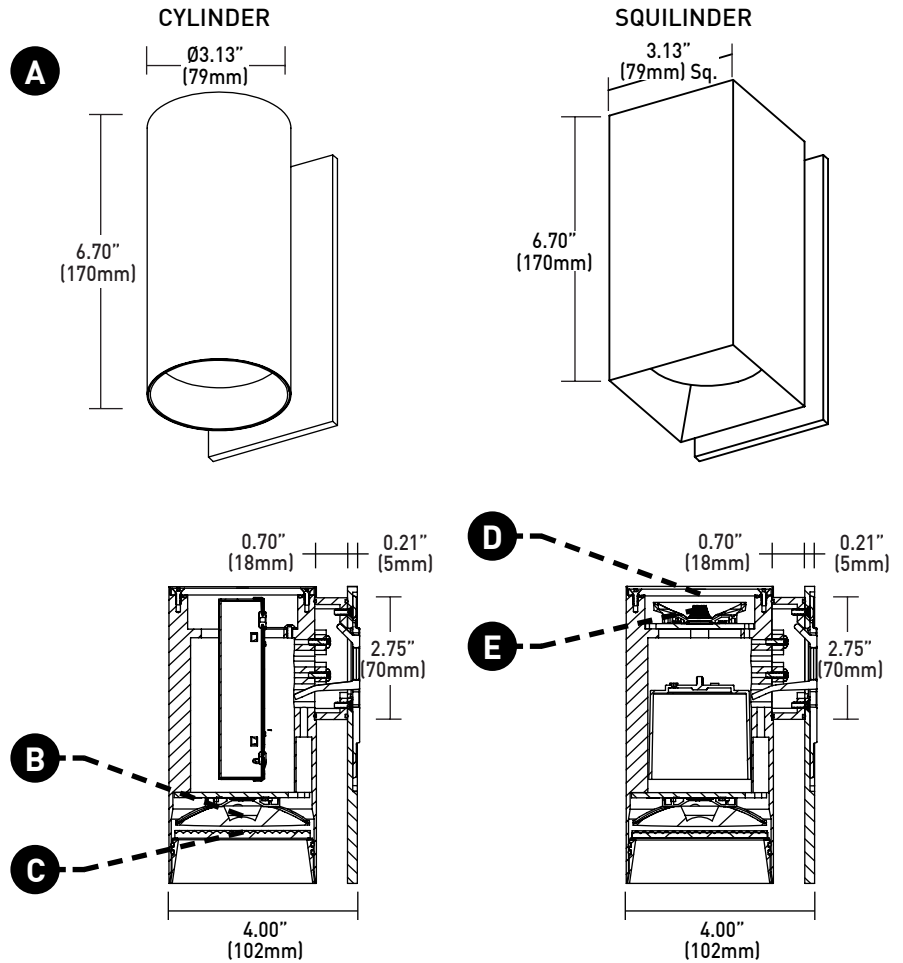


# WALL SCONCE

## CYLINDER

- A LUMINAIRE**  
Machined aluminum body with integrated heat sink and LED; power supply may be integral or remote mount.
- B LOWER OPTIC**  
Proprietary optics available in 15°, 25°, 40° & 60° beams.
- C LOWER EFFECTS DEVICES**  
Cylinder baffle lens assembly can accept 1 lens sealed in place. Soft focus lens included as standard for lens. Suction tool provided for removal of baffle lens assembly.
- D UPPER EFFECTS DEVICES**  
Cylinder assembly can accept 1 lens sealed in place. Diffusion lens included as standard for lens.
- E UPPER OPTIC**  
Proprietary field-changeable optics available in 15°, 40° & 60° beams.

## DIMENSIONS / DRAWINGS

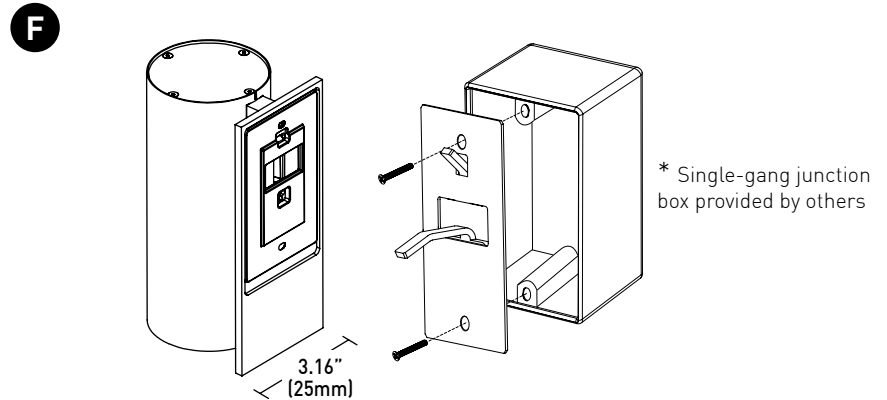


## MOUNTING

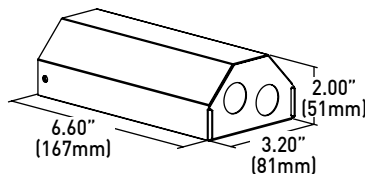
- F MOUNTING PLATE**  
Mounting plate (concealed) with factory supplied hidden screws after wall is fully finished. Single-gang junction box required for mounting. Fixture to mount flush with minimalist transition to wall.

## REMOTE POWER SUPPLY

- G PS-RMT**  
Remote power supply provides additional driver options. Consult installation guide for maximum allowable secondary run lengths between PS-RMT and fixture. Must be installed in an accessible location.



- G PS-RMT weight - 1.40 lbs**



# WALL SCONCE

## TECHNICAL

### CONSTRUCTION

**Cylinder / Squilinder:** Machined aluminum body; extruded aluminum internal heat-sink; painted finishes are granulated powder coat.

**Remote Power Supply:** 22 Gauge galvanized steel.

### STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2200K, 2700K, 3000K, 3500K and 4000K. Average rated lamp life: 50,000 hours. LED and driver assemblies are field-replaceable.

### WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3200K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

### POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

| Power Supply | CA2    | CE2    | RP1    | TR2    | L23   | LH1   | AN4    | EA2    | ED1    |
|--------------|--------|--------|--------|--------|-------|-------|--------|--------|--------|
| Minimum °C   | -20 °C | -20 °C | -10 °C | -20 °C | 0 °C  | 0 °C  | -20 °C | -20 °C | -20 °C |
| Maximum °C   | 40 °C  | 40 °C  | 40 °C  | 40 °C  | 40 °C | 40 °C | 40 °C  | 40 °C  | 40 °C  |
| Dimming %    | 2.0%   | 2.0%   | 1.0%   | 2.0%   | 1.0%  | 1.0%  | 1.0%   | 0.1%   | 0.1%   |

Note: For TR2, L23, LH1, AN4 and EA2 drivers consult chart on page 6 to confirm appropriate dimming curve for compatibility with selected control.

### MOUNTING

Cylinder is supplied with a mounting adaptor plate providing a minimalist transition accommodating wall thicknesses of 0.44" (7/16", 12mm) to 0.75" (3/4", 19mm).

### OPERATING TEMPERATURE

Down Light: 104°F (40°C).

### LISTING

cTUVus listed to UL1598 standard for Dry / Damp and Wet (IP65) locations. Title 24 JA8-2019 Listed.

### WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. 10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller and conditional upon the use of manufacturer-supplied power supply. [Consult website for full warranty terms and conditions.](#)

### CHANGE LOG

- 9/19/2019: WALL SCONCE NOW AVAILABLE IN UP / DOWNLIGHT CONFIGURATION.
- 9/19/2019: NEW CONSOLIDATED SPEC SHEET WITH SINGLE NOMENCLATURE FOR SPECIFICATION.
- 11/19/2019: UPDATED 90C16A LUMEN PACKAGE TO 90C15A.
- 3/31/2020: UPDATED SQUILINDER RBA PART NUMBERS.
- 01/12/2021: ADDED 2200K, 2700K-1800K WARM DIM OFFERINGS.
- 05/04/2021: REMOVED EMB OFFERINGS.

# WALL SCNCE

## DIMMING COMPATIBILITY

### PHILIPS DRIVER COMPATIBILITY

| Power supply TR2   | Family/Model #        |
|--------------------|-----------------------|
| Lutron Electronics | DV-600P               |
| Lutron Electronics | DVELV-303P            |
| Lutron Electronics | NTELV-600             |
| Lutron Electronics | MAELV-600             |
| Lutron Electronics | SELV-300P             |
| Lutron Electronics | DVLV-600P             |
| Lutron Electronics | NFTU-5A               |
| Lutron Electronics | CTCL-153P             |
| Lutron Electronics | GL-600H               |
| Lutron Electronics | S-600P                |
| Lutron Electronics | PHPM                  |
| Power supply AN4   | Family/Model #        |
| Lutron Electronics | DVTV plus PP-DV       |
| Lutron Electronics | DVSCTV plus PP-DV     |
| Lutron Electronics | DVSTV                 |
| Lutron Electronics | DVSCSTV               |
| Lutron Electronics | QSGRJ-XP plus GRX-TVI |
| Lutron Electronics | QSGRJ-XE plus GRX-TVI |
| Lutron Electronics | QSGR-XE plus GRX-TVI  |
| Lutron Electronics | NFTV plus PP-DV       |
| Lutron Electronics | NTSTV                 |
| Lutron Electronics | RMJ-5T                |
| Lutron Electronics | RMJS-8T               |
| Lutron Electronics | FCJS-010              |
| Leviton            | IllumaTch IP7 series  |
| Philips            | Sunrise - SR1200ZTUNV |

### LUTRON DRIVER COMPATIBILITY

| Power supply L23  | Part No.                      |
|---|-------------------------------|
| Maestro WirelessR 600 W dimmer                                | MRF2-6ND-120-                 |
| Maestro WirelessR 1000 W dimmer                               | MRF2-10ND-120-                |
| Caséta® Wireless Pro 1000 W dimmer                            | PD-10NXD-                     |
| GRAFIK T™ CL® dimmer  | GT-250M-GTJ-250M-             |
| HomeWorks® QS adaptive dimmer                                 | HQRD-6NA-                     |
| HomeWorks® QS 600 W dimmer                                    | HQRD-6ND-                     |
| HomeWorks® QS 1000 W dimmer                                   | HQRD-10ND-                    |
| RadioRA® 2 adaptive dimmer                                    | RRD-6NA-                      |
| RadioRA® 2 1000 W dimmer                                      | RRD-10ND                      |
| myRoom™ DIN power module                                      | MQSE-4A1-D                    |
| HomeWorks® QS DIN power module                                | LQSE-4A1-D                    |
| HomeWorks® QS wallbox power module                            | HQRJ-WPM-6D-120               |
| HomeWorks® wallbox power module                               | HWI-WPM-6D-120                |
| GRAFIK Eye® QS control unit                                   | QSGR-, QSGRJ-                 |
| GRAFIK Eye® 3000 control unit                                 | GRX-3100-GRX-3500-            |
| RPM-4U module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®) | HW-RPM-4U-120 LP-RPM-4U-120   |
| RPM-4A module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®) | HW-RPM-4A-120, LP-RPM-4A-120  |
| GP dimming panels   | Various                       |
| Ariadni CL 250W dimmer  | AYCL-253P-                    |
| Diva CL 250W dimmer   | DVCL-253P-DCSCCL-253P-        |
| Nova T CL 250W dimmer   | NTCL-250-                     |
| Power supply LH1  | Part No.                      |
| PowPak Dimming Modules  | RMJ-ECO32-DV-B                |
| PowPak Dimming Modules  | FCJ/FCJS-ECO                  |
| Energi Savr Nodes   | QSN-1ECO-S                    |
| GRAFIK Eye QS control unit                                    | QSN-2ECO-S                    |
| Homeworks QS control unit                                     | QSGRJ- _E (wireless) QSGR- _E |
| Quantum Hub   | QP2-__ 2C                     |
| Quantum Hub   | QP2-__ 4C                     |
| Quantum Hub   | QP2-__ 6C                     |
| Quantum Hub   | QP2-__ 8C                     |
| Homeworks QS power module                                     | LQSE-2ECO-D                   |
| myRoom Plus power module                                      |                               |

### eldoLED DRIVER COMPATIBILITY

| Power supply EA2          | Family/Model #                 |
|---------------------------|--------------------------------|
| Busch-Jaeger              | 2112U-101                      |
| Jung                      | 240-10                         |
| Leviton Lighting Controls | IP710-DLX                      |
| Lightolier Controls       | ZP600FAM120                    |
| Lutron Electronics        | Nova T® - NTFTV                |
| Lutron Electronics        | Diva® - DVTV                   |
| Lutron Electronics        | Nova® - NFTV                   |
| Merten                    | 5729                           |
| Pass & Seymour            | CD4FB-W                        |
| The Watt Stopper          | DCLV1                          |
| Sensor Switch             | nIO EZ                         |
| Synergy                   | ISD BC                         |
| Lutron Electronics        | GrafixEye® GRX-TVI w GRX3503   |
| Lutron Electronics        | Energy Savr Node™ - QSN-4T16-S |
| Lutron Electronics        | TVM2 Module                    |
| Crestron®                 | GLX-DIMFLV8                    |
| Crestron®                 | GLXP-DIMFLV8                   |
| Crestron®                 | GLPAC-DIMFLV4-*                |
| Crestron®                 | GLPAC-DIMFLV8-*                |
| Crestron®                 | GLPP-DIMFLVEX-PM               |
| Crestron®                 | GLPP-1DIMFLV2EX-PM             |
| Crestron®                 | GLPP-1DIMFLV3EX-PM             |
| Crestron®                 | DIN-A08                        |
| Crestron®                 | DIN-4DIMFLV4                   |
| Crestron®                 | CLS-EXP-DIMFLV                 |
| Crestron®                 | CLCI-1DIMFLV2EX                |
| ABB                       | SD/S 2.16.1                    |

