

## Product Report Card

**Manufacturer:** **Utilitech**  
**Model Number Tested:** **LLED4/5CCTCA**  
**Other Model Numbers:** **LLED4/5CCTCA/6**

### Manufacturer's Description

Type of Device: LED 7.2 W 4" Downlight  
 Operating Voltage: 120  
 Input Power: 7.2 W  
 Input Current: 0.062 A  
 Input Frequency: 60 Hz

Control Type: Forward and Reverse Phase Control  
 Dimming Range: Not Specified  
 Output Power: Not Specified  
 Lumen Output: 650 lm  
 Type/Shape: 4" Downlight  
 Base Type: N/A

### Lutron Test Results

Date Tested: 02/16/2023  
 Test Voltage: 120 V  
 Test Notes: Test results valid only at 120V and 60 Hz.

### Lutron Recommended Products

*Lutron products not in this list can be considered to be not recommended, based on our testing.*

| Product  | Model Number                             | Control Type <sup>(1)</sup> | Fixtures per Dimmer <sup>(2)</sup> | Measured Dimming Range <sup>(3)</sup><br>(Software Trim Settings) |          | Perceived Low End <sup>(4)</sup> | Comments |
|--|--|-----------------------------|------------------------------------|---|----------|----------------------------------|----------|
|  |  |                             | Min-Max                            | Low End   | High End |                                  |          |
| Commercial Systems   |  |                             |                                    |   |          |                                  |          |
| Vive   | MRF2S-6ELV                               | RP                          | 1 - 20                             | 1%  | 100%     | 10%                              |          |
| Vive   | MRF2S-6CL                                | FP                          | 1 - 20                             | 1%  | 100%     | 9%                               |          |
| Energi Savr Node DIN-Rail<br>(120/277 V PRO LED+ Phase Adaptive) | QSN-4A5-S<br>(Zones 2-4 - Reverse-Phase) | RP                          | 1 - 59                             | 1%  | 100%     | 11%                              |          |
| Energi Savr Node DIN-Rail<br>(120/277 V PRO LED+ Phase Adaptive) | QSN-4A5-S (Zone 1 - Reverse-Phase)       | RP                          | 1 - 81                             | 1%  | 100%     | 11%                              |          |
| Energi Savr Node DIN-Rail<br>(120/277 V PRO LED+ Phase Adaptive) | QSN-4A5-S (Zones 2-4 - Forward-Phase)    | FP                          | 1 - 16                             | 1%  | 100%     | 10%                              |          |
| Energi Savr Node DIN-Rail<br>(120/277 V PRO LED+ Phase Adaptive) | QSN-4A5-S (Zone 1 - Forward-Phase)       | FP                          | 1 - 22                             | 1%  | 100%     | 10%                              |          |
| Vive   | RMJS-PNE-DV, RP                          | RP                          | 1 - 27                             | 8%  | 100%     | 28%                              |          |

### Interfaces

| Product       | Model Number                            | Control Type <sup>(1)</sup> | Fixtures per Dimmer <sup>(2)</sup> | Measured Dimming Range <sup>(3)</sup><br>(Software Trim Settings) |          | Perceived Low End <sup>(4)</sup> | Comments |
|---------------|---|-----------------------------|------------------------------------|---|----------|----------------------------------|----------|
|               |   |                             | Min-Max                            | Low End   | High End |                                  |          |
| Power Modules | PHPM-PA with GRAFIK Eye QS Main Unit    | RP                          | 1 - 114                            | 1%  | 100%     | 11%                              |          |
| Power Modules | PHPM-WBXwith 3-wire fluorescent control | RP                          | 1 - 114                            | 1%  | 100%     | 11%                              |          |

### Residential Systems

|  |  |    |        |    |      |     |   |
|--|--|----|--------|----|------|-----|---|
| Caseta Wireless  | PD-6WCL (SD12)                             | FP | 1 - 20 | 1% | 100% | 9%  |   |
| RA2 Select/RadioRA 2/RadioRA 3   | RRD-PRO, RP, no neutral (default)          | RP | 1 - 34 | 1% | 100% | 10% |   |
| HomeWorks QS/HomeWorks QSX   | HQRx-PRO, RP, no neutral (default)         | RP | 1 - 34 | 1% | 100% | 10% |   |
| RA2 Select/RadioRA 2/RadioRA 3   | RRD-PRO, RP, w/ neutral (default)          | RP | 1 - 34 | 1% | 100% | 10% |   |
| HomeWorks QS/HomeWorks QSX   | HQRx-PRO, RP, w/ neutral (default)         | RP | 1 - 34 | 1% | 100% | 10% |   |
| RadioRA 3  | RRST-PRO-N, RP                             | RP | 1 - 34 | 1% | 100% | 10% |   |
| HomeWorks QSX  | HRST-PRO-N, RP                             | RP | 1 - 34 | 1% | 100% | 10% |   |
| Caseta WirelessPhase Selectable  | PD-5NE                                     | RP | 1 - 34 | 1% | 100% | 10% |   |
| RA2 Select/RadioRA 2/RadioRA 3   | RRD-10ND                                   | FP | 1 - 20 | 1% | 100% | 9%  |   |
| HomeWorks QS/HomeWorks QSX   | HQRD-10ND                                  | FP | 1 - 20 | 1% | 100% | 9%  |   |
| Caseta Wireless  | DVRF-6L (Vogelkop)                         | FP | 1 - 20 | 1% | 100% | 9%  |   |
| RadioRA 2/RadioRA 3  | Hybrid Keypad LED+ RRD-HN6BRL              | FP | 1 - 13 | 1% | 100% | 9%  | Installation with a neutral wire is required. |
| HomeWorks QS/HomeWorks QSX   | Hybrid Keypad LED+ HQRD-HN6BRL             | FP | 1 - 13 | 1% | 100% | 9%  | Installation with a neutral wire is required. |
| HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive) | LQSE-4A5-120-D (Zones 2-4 - Reverse-Phase) | RP | 1 - 59 | 1% | 100% | 11% |   |
| HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive) | LQSE-4A5-120-D (Zone 1 - Reverse-Phase)    | RP | 1 - 81 | 1% | 100% | 11% |   |
| HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive) | LQSE-4A5-120-D (Zones 2-4 - Forward-Phase) | FP | 1 - 16 | 1% | 100% | 10% |   |
| HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive) | LQSE-4A5-120-D (Zone 1 - Forward-Phase)    | FP | 1 - 22 | 1% | 100% | 10% |   |

### WallBox Dimmers

| Product                        | Model Number  | Control Type <sup>(1)</sup> | Fixtures per Dimmer <sup>(2)</sup> | Measured Dimming Range <sup>(3)</sup><br>(Software Trim Settings) |          | Perceived Low End <sup>(4)</sup> | Comments |
|--------------------------------|---|-----------------------------|------------------------------------|---|----------|----------------------------------|----------|
|                                |   |                             | Min-Max                            | Low End   | High End |                                  |          |
| Standard 150W LED+ Dimmers     | AYCL-153P, CTCL-153P, DVCL-153P, LECL-153P, SCL-153P, TGCL-153P   | FP                          | 1 - 20                             | 1%  | 100%     | 11%                              |          |
| Slide to-off 150W LED+ Dimmers | CTCL-150 / LECL-150   | FP                          | 1 - 20                             | 1%  | 100%     | 11%                              |          |
| Dalia LED+                     | RCL-153PNL  | FP                          | 1 - 20                             | 1%  | 100%     | 11%                              |          |
| Maestro LED+                   | MACL-153M (TX)  | FP                          | 1 - 20                             | 1%  | 100%     | 10%                              |          |
| Sunnata LED+                   | STCL-153  | FP                          | 1 - 20                             | 1%  | 100%     | 10%                              |          |
| Maestro Sensor                 | MSCL-OP153M (T2)/MSCL-VP153M (T2)   | FP                          | 1 - 20                             | 1%  | 100%     | 10%                              |          |
| Maestro PRO LED+               | MA-PRO, RP, no neutral (default)  | RP                          | 1 - 34                             | 1%  | 100%     | 10%                              |          |
| Maestro PRO LED+               | MA-PRO, RP, w/ neutral (default)  | RP                          | 1 - 34                             | 1%  | 100%     | 10%                              |          |
| Sunnata PRO LED+               | ST-PRO-N, RP  | RP                          | 1 - 34                             | 1%  | 100%     | 10%                              |          |
| Grafik T                       | Phase Selectable GT-5NEM/ GTJ-5NEM  | RP                          | 1 - 34                             | 1%  | 100%     | 10%                              |          |
| Notes:                         | <ul style="list-style-type: none"> <li>* Identical model numbers with different compatibility codes may have different performance; ( ) means there is no compatibility code assigned; contact technical support for additional information.</li> <li>(1) Control types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details.</li> <li>(2) Maximum Fixtures per Dimmer value represents the maximum safe loading of the control.</li> <li>(3) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability. Values are set to optimize performance, such as reducing dead travel, ensuring that fixtures turn on at low end, reducing turn-on time at low end, and trimming out instability. Software trim values are indicated in parentheses when applicable.</li> <li>(4) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook.</li> <li>(5) Interfaces have been tested with the listed control; any compatible dimmer may be used instead, but high end/low end light levels may vary slightly.</li> </ul> |                             |                                    |   |          |                                  |          |

*For any questions on this report, please contact the Lutron LED Center of Excellence at 877-DIM-LED8 or [leds@lutron.com](mailto:leds@lutron.com).*

*This information was posted with the consent and cooperation of the device manufacturer. Please be aware that device manufacturers may modify their product at any time, without notice to Lutron, and therefore Lutron cannot ensure future compatibility. For more detailed and up to date fixture specifications, performance and/or any related recall information, visit the manufacturer's website. The latest Lutron test results can always be found at [www.lutron.com/LEDtool](http://www.lutron.com/LEDtool).*