



# COST LESS LIGHTING

# 11-IMODCRS2 SERIES

RECESSED DOWNLIGHT  
KELVIN FIELD SELECTABLE

p. 866.633.6883 • f. 866.699.8099 • CostLessLighting.com

| PROJECT | TYPE | CATALOG # |
|---------|------|-----------|
|         |      |           |



| Model                 | Size (inches) & Weight (lbs) |        |        |        | Junction Box Size (inch) |
|-----------------------|------------------------------|--------|--------|--------|--------------------------|
|                       | L (in)                       | W (in) | H (in) | Weight |                          |
| 06-IMODCRS2-543L-5CCT | 3.23                         | 3.23   | 1.75   | 0.55   | 4.92x1.91x1.3            |

| SERIES      | NOMINAL LUMEN OUTPUT | KELVIN (SELECTABLE) |                               |
|-------------|----------------------|---------------------|-------------------------------|
| 11-IMODCRS2 | 543L = 500 lm        | 5CCT                | 2700/ 3000/ 3500/ 4000/ 5000K |

## Specifications

### Housing

- Premium powder-coat, aluminum, white housing.

### Electrical

- Operating temperature (ambient): -20°C to 45°C (-4°F to 113°F).
- Universal 120V AC voltage (60Hz) is standard.
- Triac dimming.
- Input transient surge protection = 1kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

### Optical System

- Polycarbonate diffuser.
- Field selectable 2700k(soft white), 3000k(warm white), 3500k(warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures\*.
- Tri-Lumen selectabel to provide a range delivers 308 to 663 nominal lumens\*.
- Long-life LEDs provide 134,000 hours of operation with at least 70% of initial lumen output (L70), and 41,000 hours with at least 90% of initial lumen output (L90)\*\*.
- LED color maintenance < 0.0035 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Beam angle 100°.
- Color rendering index > 90.

### Mounting

- No existing recessed housing or junction box required.
- Suitable for most new constructions.
- Type IC

### Code Compliance

- cETLus listed for wet locations.
- Energy Star certified.
- Complies with FCC part 15, class B.
- Complies with Title 24.

### Warranty

- 5-year warranty on all electronics and housing.

\* Default 4000K color temperature and highest lumen output.

\*\* L70 and L90 hours are IES TM-21-11 calculated hours.



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### Compatible Dimmers & Controls

| Manufacturer | Model Number   |              |                 |
|--------------|----------------|--------------|-----------------|
| Lutron       | TG-600PR-WH    | SLV-600P-AL  | DVCL-153P       |
|              | S-600PR-WH     | DV-600PR-WH  | MSCL-OP153M     |
|              | CTCL-153PDH-WH | SCL-153PH-WH | PD-6WCL         |
|              | TGCL-153PH-LA  | GT-600P      | MACL-153M//MA-R |
| Leviton      | 6672           | 6674         | IPL06           |
|              | RNL06          | DSL06        | -               |

### Lumen Table & Electrical Data

| Series                | Measurements      |      | Low Lumens |       |       |       |       | Mid Lumens |       |       |       |       | High Lumens |       |       |       |       |
|-----------------------|-------------------|------|------------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|
|                       |                   |      | 2700K      | 3000K | 3500K | 4000K | 5000K | 2700K      | 3000K | 3500K | 4000K | 5000K | 2700K       | 3000K | 3500K | 4000K | 5000K |
| 11-IMODCRS2-543L-5CCT | Lumens            |      | 306        | 317   | 326   | 331   | 334   | 455        | 477   | 494   | 502   | 499   | 591         | 625   | 652   | 664   | 644   |
|                       | Watt              |      | 3.93       | 3.89  | 3.85  | 3.9   | 3.96  | 5.92       | 5.85  | 5.75  | 5.86  | 5.99  | 7.88        | 7.76  | 7.6   | 7.78  | 7.98  |
|                       | Efficacy          |      | 77.86      | 81.49 | 84.68 | 84.87 | 84.34 | 76.86      | 81.54 | 85.91 | 85.67 | 83.31 | 75.05       | 80.59 | 85.72 | 85.30 | 80.73 |
|                       | Input Current (A) | 120V | 0.03       | 0.03  | 0.03  | 0.03  | 0.03  | 0.05       | 0.05  | 0.05  | 0.05  | 0.05  | 0.07        | 0.06  | 0.06  | 0.06  | 0.07  |

### Dimensional Drawing

