

IMODCRS2

Recessed Integrated Module Kelvin Field Selectable

Project:	
Type:	
Catalog #:	



STANDARDS



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 selectable 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 < -0.0045 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Beam angle 100°.
- Color rendering index > 90.

* Factory Default kelvin temperature 4000k and highest lumen output
 **L70 and L90 hours are IES TM-21-11 calculated hours.

MOUNTING

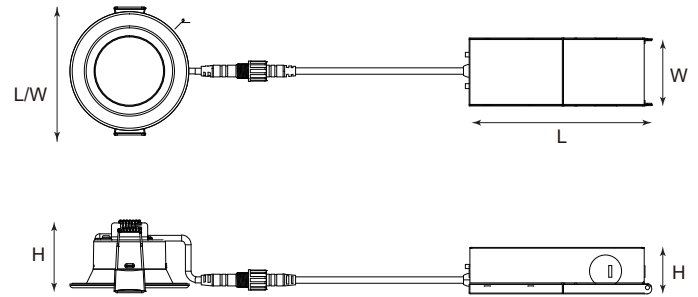
- No existing recessed housing or junction box required.
- Suitable for most new constructions.
- Type IC

CODE COMPLIANCE

- cETLus listed for wet locations. Not exceeding 45°C(113°F).
- Energy Star certified.
- Complies with FCC part 15, class B.
- Complies with Title 24.

WARRANTY

- 5 year warranty on all electronics and housing.



Model #	L (in)	W (in)	H (in)	Weight (lbs)	Junction Box Size (LxWxH inch)
IMODCRS2-543L-5CCT	3.23	3.23	1.75	0.55	4.92 x 1.91 x 1.3

ORDERING INFORMATION

Example: IMODCRS2-543L-5CCT

Series	Nominal Lumen Output		Kelvin Selectable
IMODCRS2	543L	500 / 400 / 300 lm	5CCT 2700 / 3000 / 3500 / 4000 / 5000K

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LUMEN TABLES

Series	Mea- sure- ments	Low Lumens					Mid Lumens					High Lumens				
		2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
IMODCRS2- 543L-5CCT	Lumens	306	317	326	331	334	455	477	494	502	499	591	625	652	664	644
	Watts	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

ELECTRICAL DATA

Series	CCT	Input Amps (A)		Input Amps (A)		Input Amps (A)	
		Low Lumens		Mid Lumens		High Lumens	
		120V		120V		120V	
IMODCRS2-543L-5CCT	2700K	0.03		0.05		0.07	
	3000K	0.03		0.05		0.06	
	3500K	0.03		0.05		0.06	
	4000K	0.03		0.05		0.06	
	5000K	0.03		0.05		0.07	

COMPATIBLE DIMMERS AND CONTROLS

Manufacturer	Model Number		
Lutron	CTCL-153P	TGCL-153PH-LA	SLV-600P-AL
	DVCL-153P	MSCL-OP153M	PD-6WCL
	S2-LFSQH-WH	CT-103PR-WH	MACL-153MA
	DVWCL-153PH	RCL-153RNL	DVRF-6L
	CTCL-150H	-	-
Leviton	6672	6674	DSL06
	RNL06	IPL06	-

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DIMENSIONAL DRAWINGS

