

10-IMODCR SERIES

RECESSED DOWNLIGHT KELVIN FIELD SELECTABLE

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*.
- Provide a range delivers 700 to 1,400 nominal lumens*.
- Long-life LEDs provide 174,000 hours of operation with at least 70% of initial lumen output (L70), and 42,000 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

- Recessed in ceiling.
- Suitable for most new constructions.
- Install J-box in ceiling beam, and insert light right into drywall opening.

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.



Model	Size (inches) & Weight (lbs)				Junction Box Size (inch)
	L (in)	W (in)	H (in)	Weight	
06-IMODCR4-8L-KFS	5.51	5.51	2.03	0.64	4.73X2.77X1.34
06-IMODCR6-12L-KFS	7.36	7.36	2.03	0.76	4.73X2.77X1.34



PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT	KELVIN (SELECTABLE)	
06-IMODCR4	8L = 800 lm	KFS	2700/ 3000/ 3500/ 4000/ 5000K
06-IMODCR6	12L = 1200 lm		



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ACCESSORIES (order separately)

Mounting Option:

- 06-MP-UD346-NC = Mounting plate for 3", 4", and 6" canless recessed downlights.
- 06-MP-UD46810-NC = Mounting plate for 4", 6", 8" and 10" canless recessed downlights.

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	-

ELECTRICAL DATA

Series	Measurements	Lumens				
		2700K	3000K	3500K	4000K	5000K
06-IMODCR4-8L-KFS	Lumens	786	833	876	871	816
	Watts	9.56	9.37	8.95	9.16	9.46
	Efficacy	82.22	88.90	97.88	95.09	86.26

Series	Measurements	Lumens				
		2700K	3000K	3500K	4000K	5000K
06-IMODCR6-12L-KFS	Lumens	1233	1330	1396	1403	1281
	Watts	14.15	13.90	13.49	13.61	14.44
	Efficacy	87.14	95.68	103.48	103.09	88.71

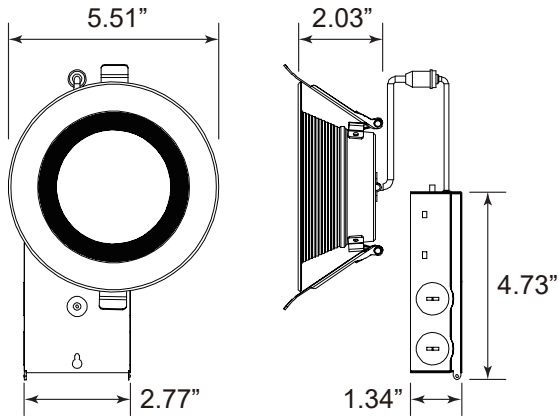
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DIMENSIONAL DRAWINGS

06-IMODCR4-8L-5CCT



06-IMODCR6-12L-5CCT

