

LEDVANCE LUMINAIRES

DOWNLIGHT RETROFIT

CCT SELECTABLE

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

VALUE CLASS™



CERTIFICATIONS & LISTINGS

- FCC Compliant
- ENERGY STAR®
- IP44 Rated
- RoHS Compliant
- TAA Compliant
- Title 20
- Title 24
- cULus Listed to UL1598 and CSA C22.2 No. 250.0 Standards
- Suitable for Wet Locations
- Non-Conductive Dead-Front Impact Resistant, Non-Metallic Trim

AMBIENT OPERATING TEMPERATURE

- -4°F to 104°F (-20°C to +40°C)

ELECTRICAL

- Input Voltage: 120V
- Surge Protection: 2.5kV
- Phase-cut dimming
- Power Factor: ≥ 0.90
- THD: $< 20\%$

RATED LIFE

- 50,000 hours (L_{70}) @ 77°F/25°C

RETROFIT COMPATIBILITY

Compatible with most standard recessed housings to support fast, flexible retrofit installations

SECURE INSTALLATION

Pull tabs grip the recessed housing flange to help simplify installation and hold the downlight securely in place

MULTIPLE SIZES

Available in 4", 5" and 6" sizes

BEAM ANGLE

90°, 75° source cut-off (glare control)

SELECTABLE CCT

2700/3000/3500/4000/5000K

DIMMING

Phase-cut dimming

QUALITY LIGHT

CRI > 90 , R9 > 50

STYLE OPTIONS

Available with smooth or step baffle options

DESCRIPTION

The DOWNLIGHT RETROFIT CCT SELECTABLE luminaires are available in 4", 5", and 6" sizes and offer 5 CCT selectability, a white smooth or step baffle, E26 adapter included, and phase-cut dimming. Designed for versatile home lighting applications, these luminaires are ideal for simple residential retrofit installations.

APPLICATIONS

- Closets
- Hallways
- Multi-family residential

WARRANTY

- 5 Year Limited Warranty
- NLB Trusted Warranty Program

ORDERING GUIDE

RT	XX	XXXX	S	T	9	SC3	XX	WH	E26
PRODUCT NAME	SIZE	LUMENS	VOLTAGE	DIMMING	CRI	COLOR TEMP	REFLECTOR TYPE	COLOR/FINISH	BASE TYPE
RT = LED Downlight	4 = Suitable for 4" cans 5/6 = Suitable for 5/6" cans	700 = 700 lumens 900 = 900 lumens 1100 = 1100 lumens	S = 120V	T = Triac Dimming	9 = CRI > 90	SC3 = Selectable 2700, 3000, 3500, 4000 or 5000K	SM = Smooth BA = Baffle	WH = White	E26 = Medium Base

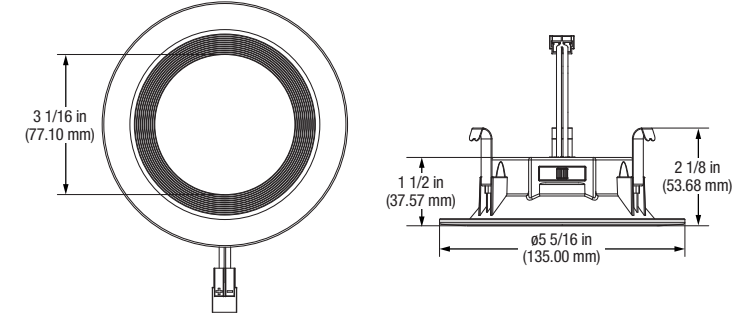
ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	TOTAL LUMENS (LM)	LPW	CCT (K)
68217	RT4700ST9SC3SMWHE26	7.5	700	93	2700/3000/3500/4000/5000
68218	RT4700ST9SC3BAWHE26	7.5	700	93	2700/3000/3500/4000/5000
68219	RT56900ST9SC3SMWHE26	10	900	90	2700/3000/3500/4000/5000
68220	RT56900ST9SC3BAWHE26	10	900	90	2700/3000/3500/4000/5000
68221	RT561100ST9SC3SMWHE26	12	1100	92	2700/3000/3500/4000/5000
68222	RT561100ST9SC3BAWHE26	12	1100	92	2700/3000/3500/4000/5000

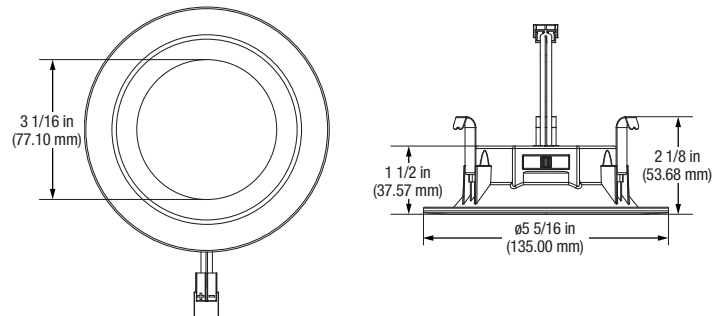
PHYSICAL INFORMATION

DESCRIPTION	HEIGHT	DIAMETER	WEIGHT
RT6	1.74 in (44.10 mm)	7.34 in (186.40 mm)	0.37 lbs (166.00 g)
RT4	2.11 in (53.70 mm)	5.31 in (135.00 mm)	0.22 lbs (98.00 g)

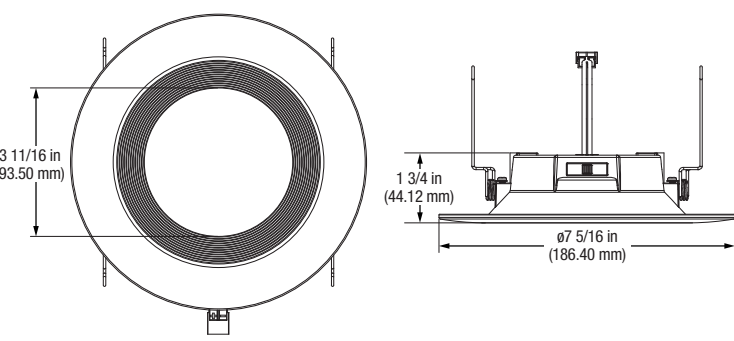
4" BAFFLE



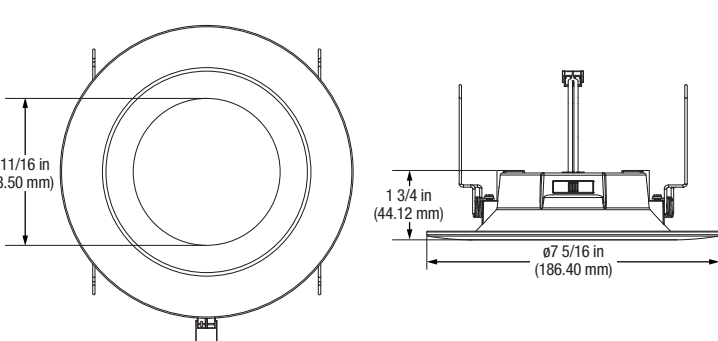
4" SMOOTH



6" BAFFLE



6" SMOOTH

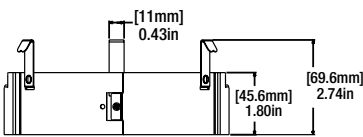


OPTIONAL ACCESSORIES

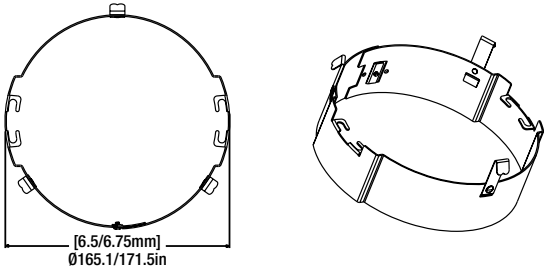
ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
70663	RT6RETROFITBAND	Retrofit Band for 6 inch recessed housings.



70663 RETROFIT BAND

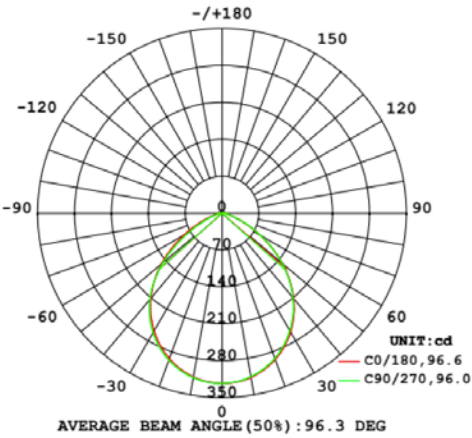


Band for use with Progress Lighting P87-AT and Lightolier 1104IC Cans.

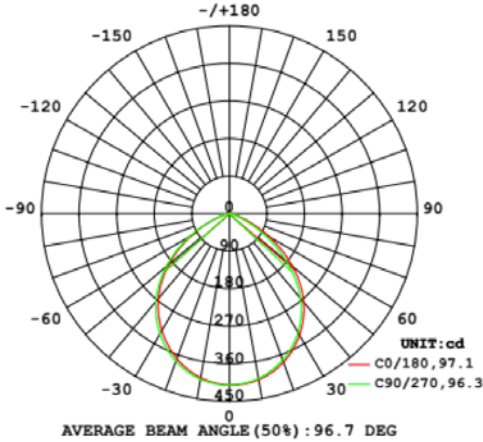


PHOTOMETRIC INFORMATION

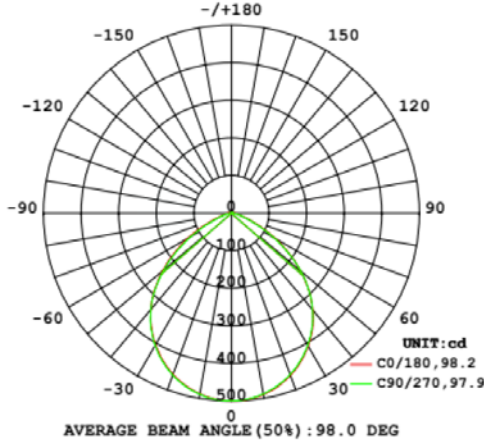
RT4 700LM



RT5/6 900LM



RT5/6 1100LM



WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL WATTAGE	LED WATTAGE	ENERGY SAVINGS
Incandescent	60	7.5	88%
Incandescent	65	7.5	88%
Incandescent	75	10	87%

DIMMER COMPATIBILITY (120V PHASE CUT)

DIMMER MODEL	4"RT 27/30/35/40/50K	6R 27/30/35/40/50K
LEVITON Sureslide 6674	100% to ~0%	100% to ~0%
LUTRON Maestro MACL-153M	100% to ~0%	100% to ~0%
LUTRON Diva DVCL-153P Gen 3	100% to ~0%	100% to ~0%
LUTRON Caseta PD-6WCL Gen 1	100% to ~0%	100% to ~0%
LEGRAND Wattstopper RHCL 453P1	100% to ~0%	Flickering (not compatible)
EATON 06P-C2 DVELV-303P	100% to ~0%	100% to ~0%
LEVITON Diva DVELV-303P	100% to ~0%	100% to ~0%
LUTRON Maestro MAELV-600	100% to ~0%	100% to ~0%

INSTALLATION

- Suitable for indoor dry, damp and wet locations.
- The RT4 & RT5/6 Screw-based recessed downlight kits are dimmable down to 10% of full light output with compatible dimmers.
- The minimum dimming value is based on light output using compatible dimmers, and may not be an indication of the kit's full rated capability.
- Not intended for use with emergency light fixtures or exit lights.
- For use in housings that can structurally support a lamp weighing one pound.
- RT5/6 designed to install in standard 5" and 6" insulated and non-insulated housings.
- Factory settings: 2700K CCT



INSTALLATION
GUIDE



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