



### Description

RDL04 recessed LED downlight features tool-free installation with built-in spring clips design, allowing secure mounting directly to the ceiling without the need for a junction box.

It offers 5 wattage and 5 CCT options, with high light efficiency 120 LPW. The durable aluminum housing provides excellent heat dissipation and long-lasting performance. Available in 4", 6", 8", or 10" diameter options. AC120-277V voltage and 0-10V dimming LED driver provide versatile control. Type IC rated and wet location rated, ensuring durability in a variety of environments.



Bevel



Baffle

### Application

- Residential areas
- Entryways
- Office
- Retail
- Schools
- Lobbies
- Hallways
- Banquet halls

### Certificate

- ETL



### Key Features

- 4"/6"/8"/10" full size to meet different needs.
- 5 Wattage Select and 5 CCT Select technologies offer SKU reduction.
- High light efficiency standard 100LPW and high output 120LPW for options.
- Designed with integral whip to connect directly to a junction box; Ideal for installation into existing CFL pin-based fixture infrastructure.
- Integral driver eliminates the need for a traditional multi-piece fixture setup.
- Ideal for new construction, remodel, and retrofit applications.
- Smooth reflector trim offers clean, modern appearance.
- Universal voltage AC120-277V, 0-10V dimming LED driver.
- Type IC rated.
- Wet Location.

- Front IP54
- Aluminum lamp body
- Deep reflector design
- Low glare



#### Power Box

- PC material
- Internal flicker free driver
- 3 in 1 Dimmable (120-277V 0-10V + 120V AC Triac & ELV)

#### COLOR SELECT ADJUSTMENT SWITCH

Set dip switch to adjust CCT between 2700K, 3000K, 3500K, 4000K, and 5000K.

#### Spring installation

Can be installed in the ceiling directly without junction box or can.

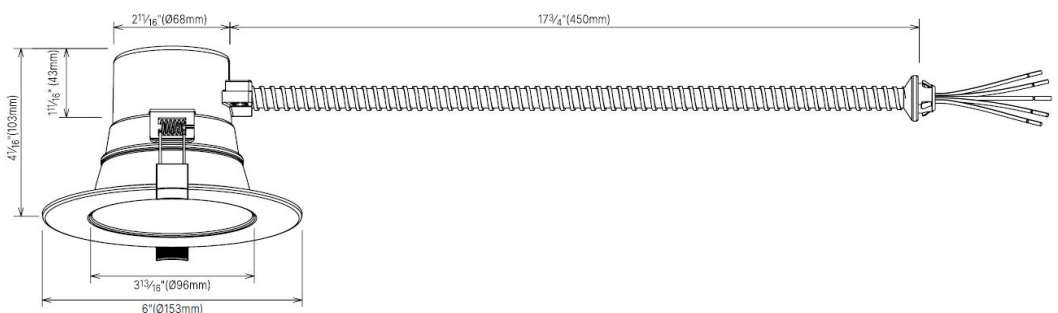


#### POWER SELECT ADJUSTMENT SWITCH

Set dip switch to adjust wattage between 12W, 16W, 22W, 26W and 30W.



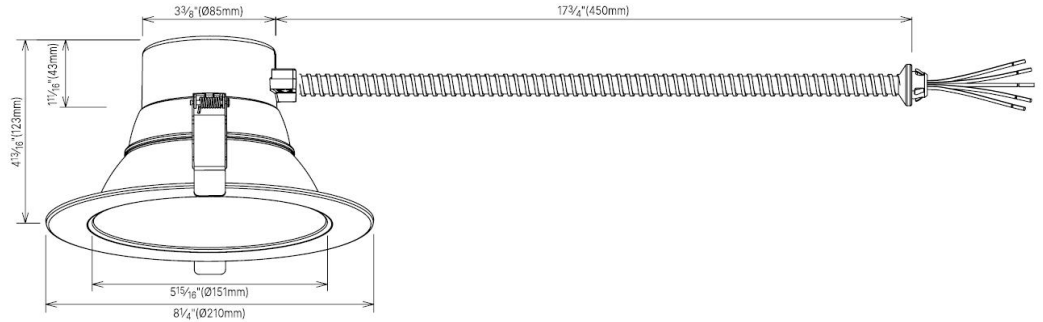
Flexible steel conduit with 1/2" KO (3/8" Trade Size) snap in connector.



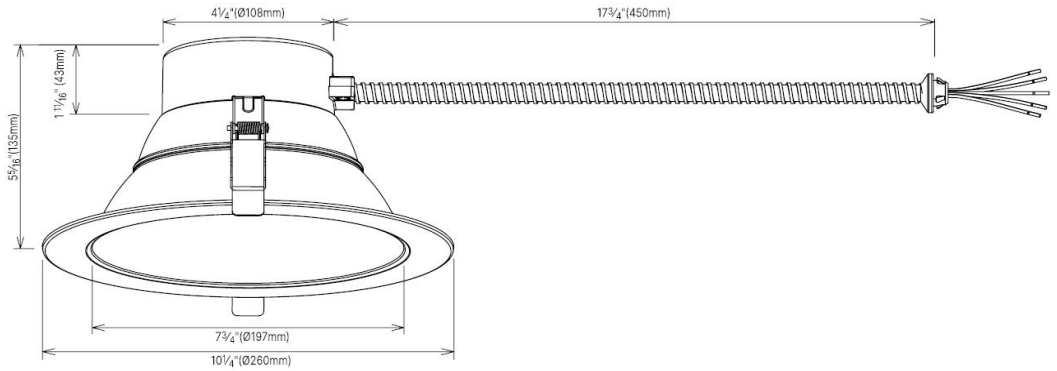
RDL04-4-16W-A5C5 Cutout:  
3 13/16" (Ø96mm)

### Line Drawing

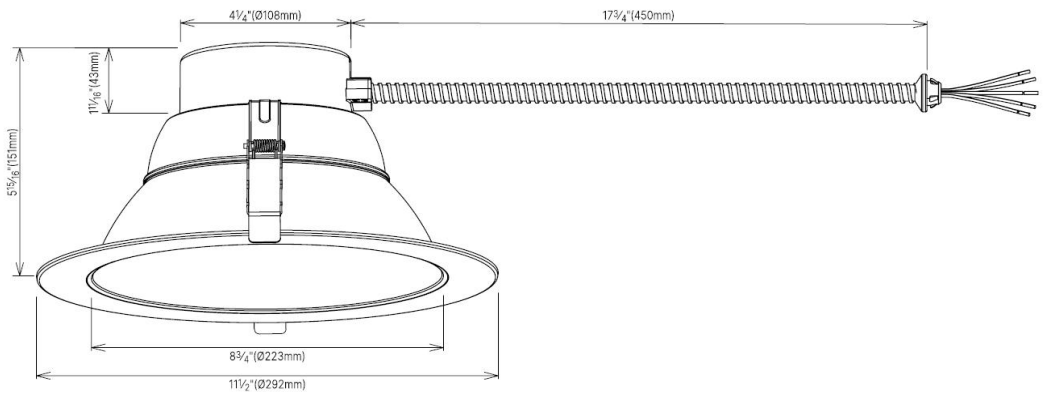
RDL04-6-30W-A5C5 Cutout:  
5 1/8" (Ø151mm)



RDL04-8-35W-A5C5 Cutout:  
7 3/4" (Ø197mm)



RDL04-10-40W-A5C5 Cutout:  
8 3/4" (Ø223mm)



### Performance Summary

Model NO. #	Size (inch)	Watts	CCT	LPW	Lumens(±10%)	Voltage	DIM	CRI	Beam Angle
RDL04-4-16W-A5C5	4"	5 Wattege selectable 16W/12W/10W/8W/6W	5CCT 2700K / 3000K / 3500K / 4000K / 5000K Selectable	100-110lm/W	16W: 1550~1700 12W: 1200~1350 10W: 1000~1150 8W: 840~920 6W: 630~700	120-277V / 120-347V	3 in 1 Dimmable  0-10V + ELV + Triac	80 / 90	80°
RDL04-6-30W-A5C5	6"	5 Wattege selectable 30W/26W/22W/16W/12W			30W: 2650~3000 26W: 2450~2750 22W: 2150~2400 16W: 1650~1800 12W: 1250~1400				
RDL04-8-35W-A5C5	8"	5 Wattege selectable 35W/30W/26W/22W/16W			35W: 3500~3800 30W: 3000~3300 26W: 2800~3000 22W: 2300~2550 16W: 1800~2000				90°
RDL04-10-40W-A5C5	10"	5 Wattege selectable 40W/35W/30W/26W/22W			40W: 3850~4200 35W: 3600~3900 30W: 3150~3450 26W: 2850~3150 22W: 2500~2800				

### Performance

- LED Type: SMD2835
- Frequency: 60Hz
- Dimming: Triac Dimming
- Life Time >50,000 Hrs
- Power Factor:  $\geq 0.90$
- Distribution: 80/90 degree
- Fixture Rating: Wet Location
- Operating Temp.: -4°F to 113°F (-20°C to 40°C)
- Storage temp: -4°F to 149°F (-20°C to 65°C)
- Dimming compatible controls: Lutron






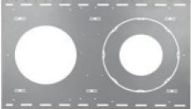


### Construction

- Lens: PC
- Housing: Aluminum
- Finish: White (Standard); Other (Customized)

### Mounting

- Recessed Mount

### Accessories (Sold separately)

Picture	Model NO. #	Category	Description
	LM-RDL04-4-ACC-GR	Goof Ring	Goof Ring 4"
	LM-RDL04-6-ACC-GR	Goof Ring	Goof Ring 6"
	LM-RDL04-8-ACC-GR	Goof Ring	Goof Ring 8"
	LM-RDL04-10-ACC-GR	Goof Ring	Goof Ring 10"
	LM-RDL04-ACC-NCPTC	Installation Plate	New Construction or Remodel Plate for T-grid Ceilings
	LM-RDL04-ACC-NCSJC	Installation Plate	New Construction Plate for Stud/Joist Ceilings
	LM-RDL04-ACC-SR	Safety Rope	Safety Lanyard
	LM-RDL04-ACC-EM	EM Backup	Emergency Battery Backup

## Package Info.

Model NO. #	Product Weight (KGS)		Package weight (KGS)		Master Carton Size (mm&inch)	Q'ty/Inner Box (PCS)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
	N.W/PCS	G.W/PCS	N.W/PCS	G.W/PCS					
RDL04-4-16W-A5C5	0.66	0.95	15.87	24.98	530.2*355.6*485.8 mm 20.88 x 14.00 x 19.13 "	1	24	6144	15840
RDL04-6-30W-A5C5	0.97	1.46	11.64	19.97	469.9*465.3*430.2 mm 18.50 x 18.31 x 16.94 "	1	12	2880	7200
RDL04-8-35W-A5C5	1.39	2.07	16.67	28.51	579.4*574.7*474.7 mm 22.81 x 22.63 x 18.69 "	1	12	1920	4800
RDL04-10-40W-A5C5	1.52	2.36	9.13	16.58	635.0*325.4*520.7 mm 25.00 x 12.81 x 20.50 "	1	6	1488	3750