



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

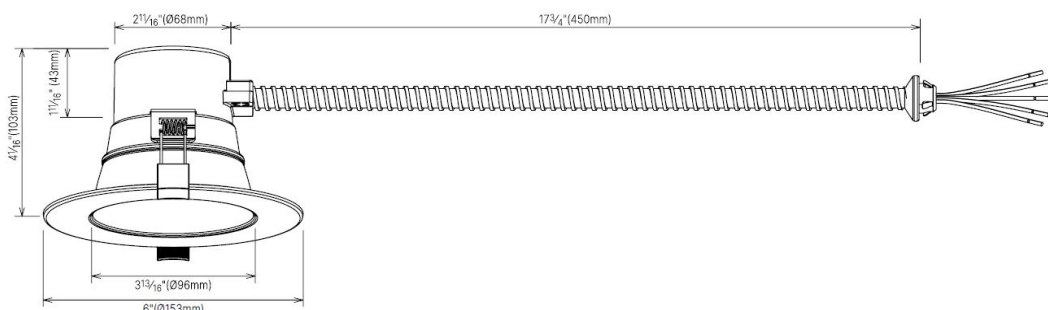
Set dip switch to adjust wattage between 12W, 16W, 22W, 26W and 30W.



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

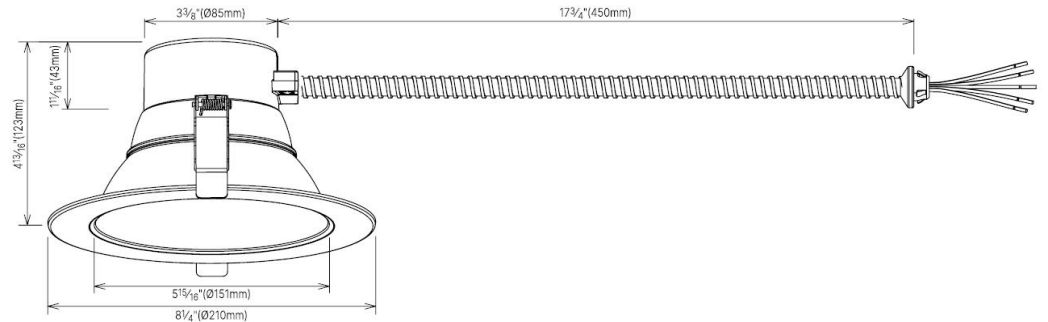
Line Drawing

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

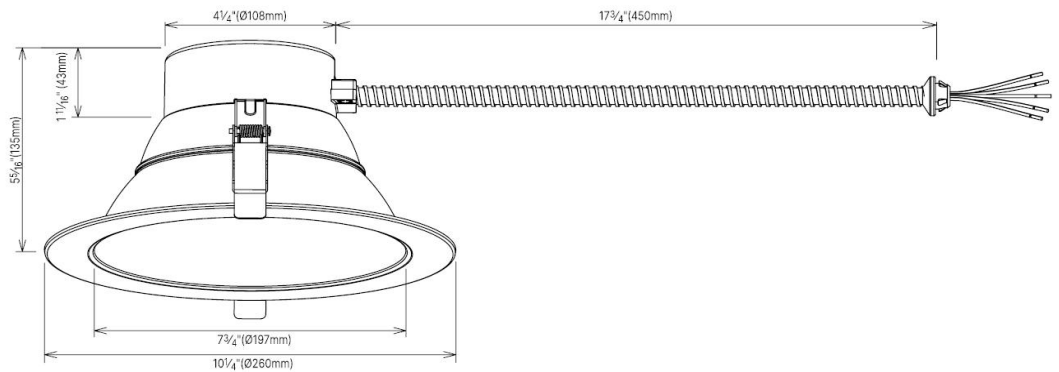


Line Drawing

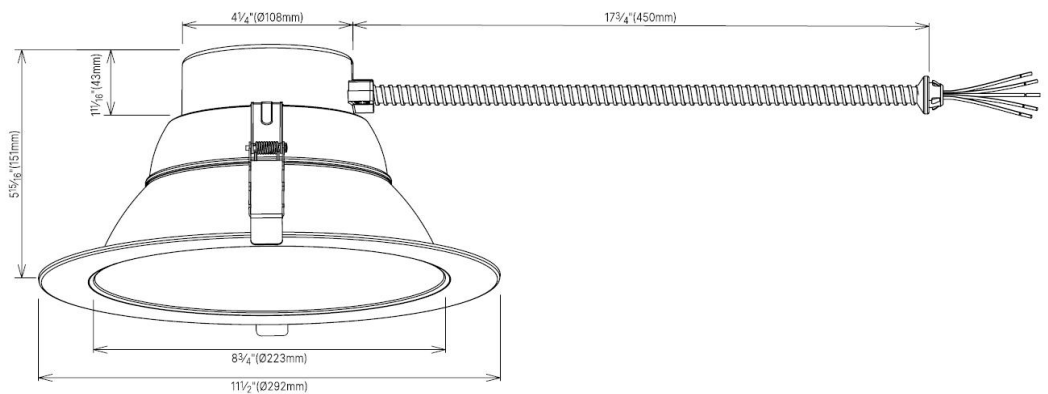
RDL04-6-30W-A5C5 Cutout:
5¹⁵/₁₆"(Ø151mm)



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



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



Performance Summary

Model NO. #	Size (inch)	Watts	CCT	LPW	Lumens(±10%)	Voltage	DIM	CRI	Beam Angle
RDL04-4-16W-A5C5	4"	4 Wattege selectable 16W/14W/10W/8W	5CCT 2700K / 3000K / 3500K / 4000K / 5000K Selectable	100-110lm/W	16W: 1550~1700 14W: 1400~1550 10W: 1000~1150 8W: 860~920	AC120-277V	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	AC120-277V			
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	AC120-347V			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: ≥ 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

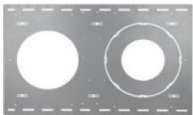
Construction

- 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