



### Description

RDL05-J LED downlight combines flexibility, efficiency, and easy installation for various lighting needs. Its spring mounting mechanism allows quick, secure installation without a junction box, ideal for new builds, remodels, and retrofits. Available in 4", 6", 8" sizes, the integrated J-box ensures a smooth, hassle-free setup. With 5 selectable wattages and 5 CCT options, Offering high efficiency 100 LPW, Supporting AC120-347V and 0-10V dimming. Type IC and wet location rated for durability in diverse environments.

### Application

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

### Certificate

- ETL



### Key Features

- 5 Wattage Select and 5 CCT Select technologies offer SKU reduction.
- High light efficiency 100LPW.
- Ideal for new construction, remodel, and retrofit applications.
- Smooth reflector trim offers clean, modern appearance.
- Integrated J-box provides convenient wires connection and installation.
- High voltage AC120-347V, 0-10V dimming LED driver.
- Type IC rated.
- Wet Location.

**No Can requested**  
Save Job site cost



**Easy installation** in ceiling directly with the springs  
J-box cover can be opened easily and easy wiring  
Save installation cost



- Integrated J-box and driver inside
- J-box cover can be opened easily
- 1/2" KO for wires connection

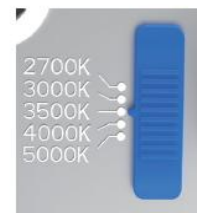


- Aluminum lamp body
- Deep reflector design
- Low glare

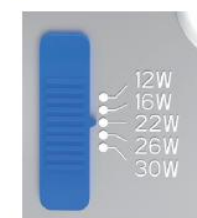
Polycarbonate lens

Spring installation

Can be installed in the ceiling directly without housing or can.



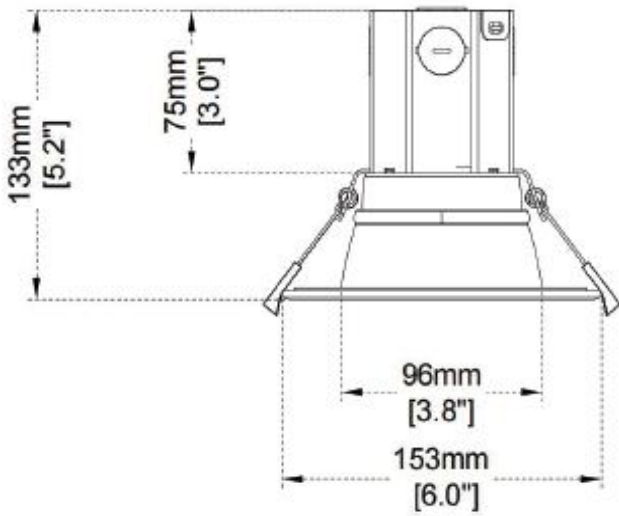
**5 CCT  
Selectable**



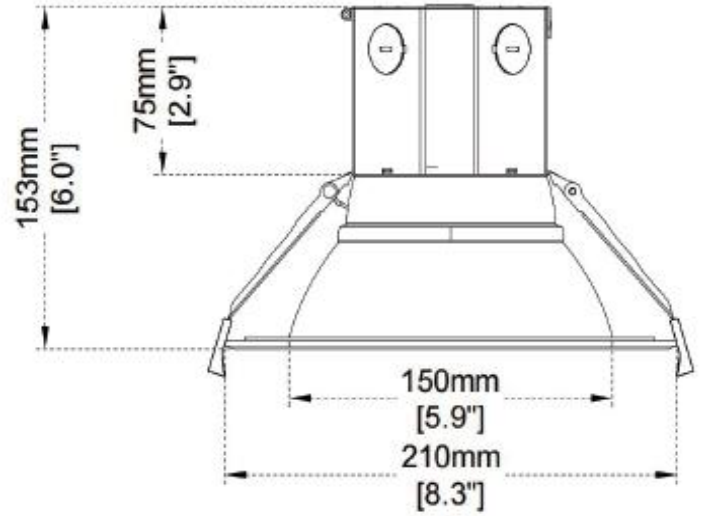
**5 Wattage  
Selectable**

### Product Dimension

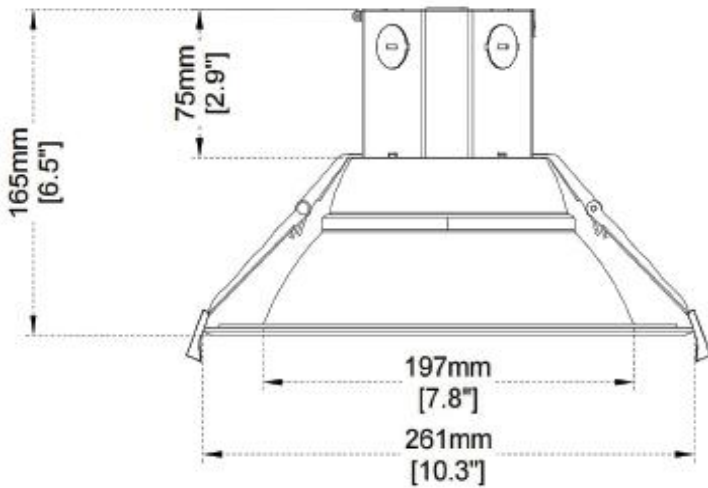
(unit: mm & inch)



4"



6"



8"

### Performance Summary

Model NO. #	Size (inch)	Watts	CCT	LPW	Lumens(±10%)	Voltage	DIM	CRI	Beam Angle
RDL05-4-16W-A5C5-JD	4"	5 Wattege selectable 6/8/10/12/16W	5CCT 2700K	100lm/W	1600 LM @16W	AC120V	Triac	80 / 90	80°
RDL05-6-30W-A5C5-JD	6"	5 Wattege selectable 12/16/22/26/30W	3000K		3000 LM @30W				
RDL05-4-16W-M-A5C5-J	4"	5 Wattege selectable 6/8/10/12/16W	3500K		1600 LM @16W	AC120-347V	0-10V		
RDL05-6-30W-M-A5C5-J	6"	5 Wattege selectable 12/16/22/26/30W	4000K		3000 LM @30W				
RDL05-8-35W-M-A5C5-J	8"	5 Wattege selectable 16/22/26/30/35W	5000K Selectable		3500 LM @35W				

Remarks: All above efficacy and lumens are subject to white finish @4000K CRI80, please check IES files for accurate data. CCT & Power Selectable models ship preset at the highest CCT.

### 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 104°F (-20°C to +40°C)
- Emergency driver: Available
- Dimming compatible controls: Lutron





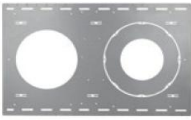


### Construction

- Lens: Polycarbonate
- J-box: SPCC
- 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-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					
RDL05-4-16W-M-A5C5-J	0.99	1.14	10.98	16.27	539.8*336.6*343.7 mm 21.25 x 13.25 x 13.56 "	1	12	4860	11832
RDL05-6-30W-M-A5C5-J	1.42	1.75	17.06	24.34	469.9*454.0*570.7 mm 18.50 x 17.88 x 22.44 "	1	12	2472	6012
RDL05-8-35W-M-A5C5-J	1.77	2.26	21.30	31.57	579.4*552.5*609.6 mm 22.81 x 21.75 x 24.00 "	1	12	1536	3756