



DEEP ROOF LIGHTING

A1 series, All in one, 3P5C, 4" 6" 8" 10", 135 LPW, CRI 90
Recessed Commercial Downlight

LMDR-A415-3P5C-RWW



4" 7/11/15 W

LMDR-A630-3P5C-RWW



6" 18/24/30 W

LMDR-A840-3P5C-RWW



8" 24/32/40 W

LMDR-A1045-3P5C-RWW



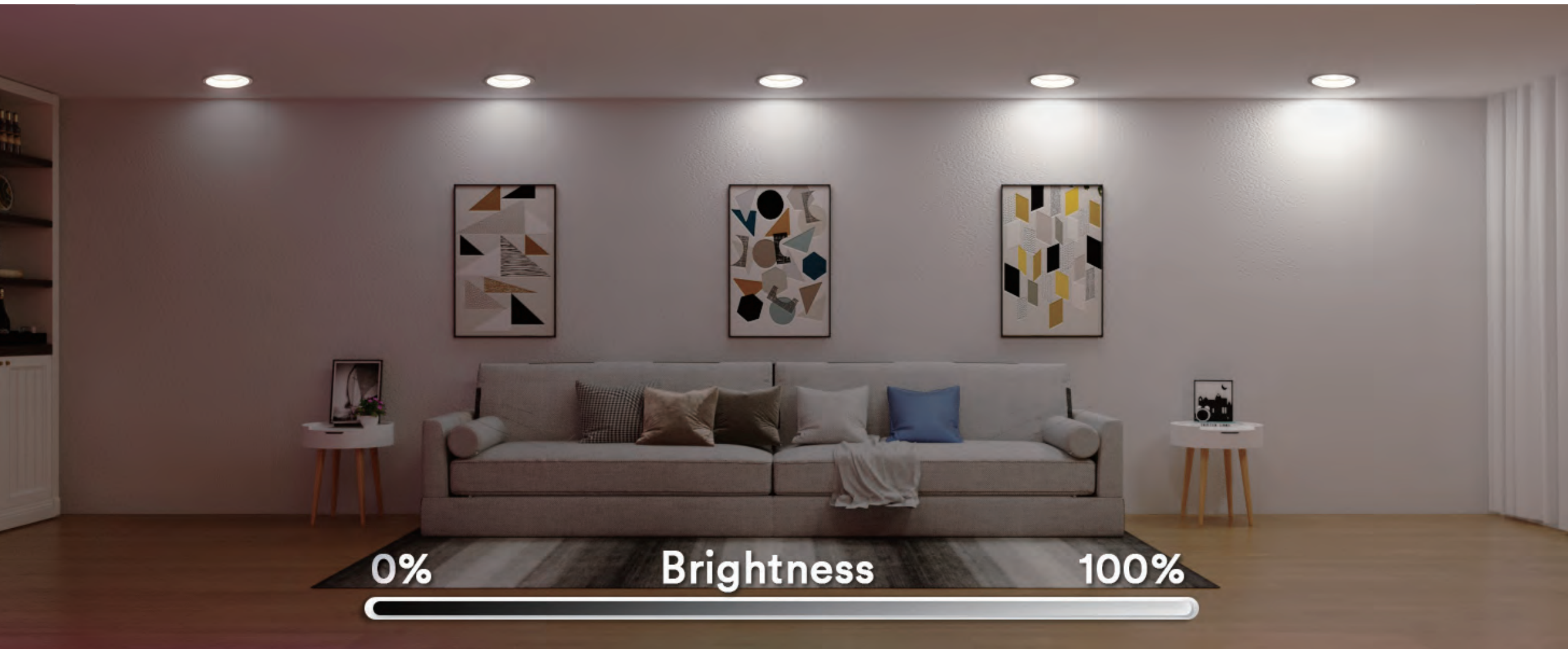
10" 27/36/45 W





Color temperature stepless adjustment:

2700K (warm light) to 5000K (natural light), freely adjustable to meet different ambient lighting needs;

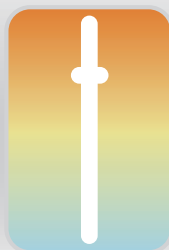


Brightness dimming:

0%~100% continuously adjustable, precisely matching various lighting scenarios;

5CCT tunable

Color Select Adjustment Switch,
Set dip switch to adjust CCT between



2700K
3000K
3500K
4000K
5000K



3 wattage selectable

Power Select Adjustment Switch,
Set dip switch to adjust wattage between



4inch	6inch	8inch	10inch
10W	18W	24W	27W
13W	24W	32W	36W
16W	30W	40W	45W



Efficient Heat Dissipation & Durable Structure

- Aluminum housing with options for a smooth surface or louver design, featuring a white surface treatment that combines excellent heat dissipation performance with a modern aesthetic appearance.
- Installation: Recessed mounting, compatible with standard ceiling cutouts.
- Integrated Driver Housing: Integrated design for a clean, sleek appearance and easy wiring.
- IC Rated for insulation contact;
- Operating Temperature: -4°F~104°F(-20°C~ 40°C);

**Large light-emitting surface
and uniform light output**



Bright Silver

R4CC
R6CC
R8CC
R10CC



ALL Matte Silver

R4AA
R6AA
R8AA
R10AA



Matt White

R4WW
R6WW
R8WW
R10WW



Matt Black

R4BB
R6BB
R8BB
R10BB



Matte Silver
Matt white flange

R4AW
R6AW
R8AW
R10AW



Bright Silver
Matt white flange

R4CW
R6CW
R8CW
R10CW

TRIM

MNEMONIC-

ALZAC-A

WHITE

BLACK

AL2.AC-W

CHROME-W

Parameters (4inch)

LMDR-A416-3P5C-RWW, -RAW, -RAA, -RCW, -RBB

Model	CCT	Luminous flux (lm±10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
LMDR- A416-3P5C-RX	2700K	1100	100°	SMD2835	Ra > 90	> 0.9	10W	100-277V, 347V, 50/60Hz	-20 °C ~ 40 °C
	3000K	1150							
	3500K	1250							
	4000K	1300							
	5000K	1200							
	2700K	1350	100°	SMD2835	Ra > 90	> 0.9	13W	100-277V, 347V, 50/60Hz	-20 °C ~ 40 °C
	3000K	1400							
	3500K	1450							
	4000K	1500							
	5000K	1450							
	2700K	1600	100°	SMD2835	Ra > 90	> 0.9	16W	100-277V, 347V, 50/60Hz	-20 °C ~ 40 °C
	3000K	1700							
	3500K	1750							
	4000K	1850							
	5000K	1800							

Parameters (6 inches) LMDR-A630-3P5C-RWW, -RAW, -RAA, -RCW, -RBB

Model	CCT	Luminous flux (lm±10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
LMDR-A630-3P5C-RX	2700K	2250	90°	SMD2835	Ra>90	/	18W	100-277V,347V, 50/60Hz	-20℃ ~ 40℃
	3000K	2340							
	3500K	2430							
	4000K	2430							
	5000K	2340							
	2700K	3000	90°	SMD2835	Ra>90	/	24W	100-277V,347V, 50/60Hz	-20℃ ~ 40℃
	3000K	3120							
	3500K	3240							
	4000K	3240							
	5000K	3120							
	2700K	3450	90°	SMD2835	Ra>90	>0.9	30W	100-277V,347V, 50/60Hz	-20℃ ~ 40℃
	3000K	3600							
	3500K	3750							
	4000K	3750							
	5000K	3600							

Parameters (8 inches) LMDR-A840-3P5C-RWW, -RAW, -RAA, -RCW, -RBB

Model	CCT	Luminous flux (lm±10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
LMDR- A840-3P5C-RX	2700K	3000	100°	SMD2835	Ra>90	/	24W	100-277V,347V, 50/60Hz	-20℃ ~ 40℃
	3000K	3120							
	3500K	3240							
	4000K	3240							
	5000K	3120							
	2700K	4000	100°	SMD2835	Ra>90	/	32W	100-277V,347V, 50/60Hz	-20℃ ~ 40℃
	3000K	4160							
	3500K	4320							
	4000K	4320							
	5000K	4160							
	2700K	4600	100°	SMD2835	Ra>90	>0.9	40W	100-277V,347V, 50/60Hz	-20℃ ~ 40℃
	3000K	4800							
	3500K	5000							
	4000K	5000							
	5000K	4800							

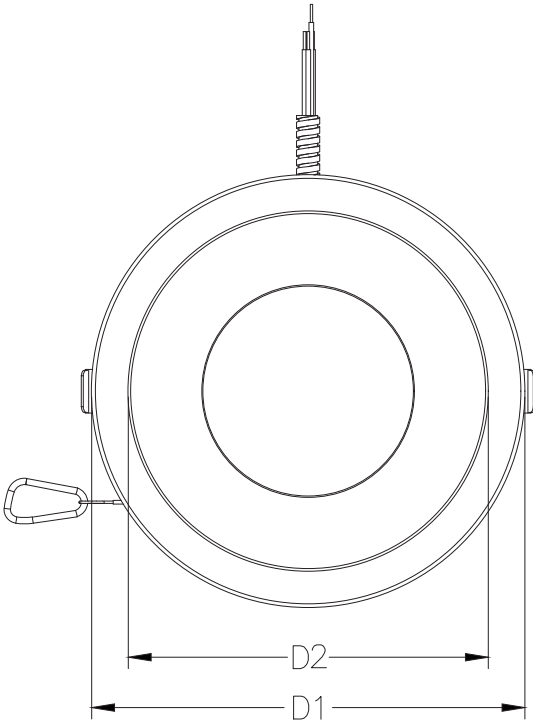
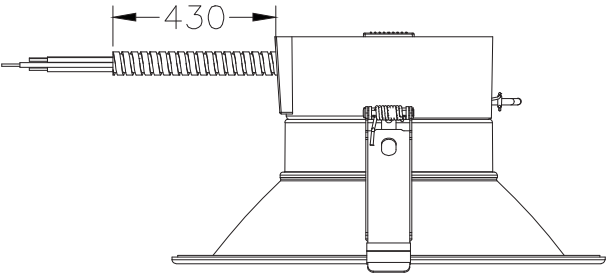
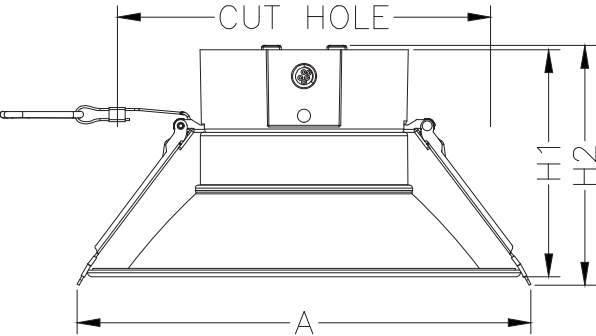
Parameters

(10 inches)

LMDR-A1045-3P5C-RWW, -RAW, -RAA, -RCW, -RBB

Model	CCT	Luminous flux (lm±10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
LMDR- A1045-3P5C-RX	2700K	3375	100°	SMD2835	Ra>90	/	27W	100-277V,347V, 50/60Hz	-20℃~40℃
	3000K	3510							
	3500K	3645							
	4000K	3645							
	5000K	3510							
	2700K	4500	100°	SMD2835	Ra>90	/	36W	100-277V,347V, 50/60Hz	-20℃~40℃
	3000K	4680							
	3500K	4860							
	4000K	4860							
	5000K	4680							
	2700K	5175	100°	SMD2835	Ra>90	>0.9	45W	100-277V,347V, 50/60Hz	-20℃~40℃
	3000K	5400							
	3500K	5625							
	4000K	5625							
	5000K	5400							

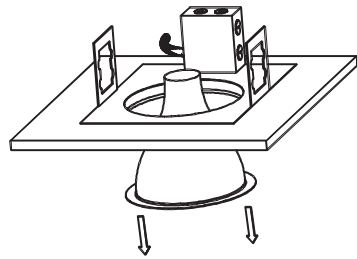
Dimensions



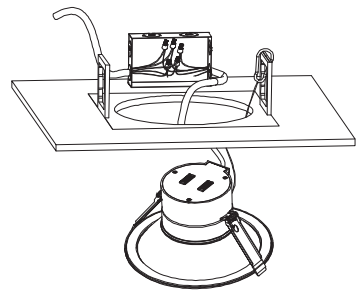
Model	Size	D1 (Trim Dim)	D2 (Luminous Dim)	A (Total Width)	H1 (Total Height)	H2 (Height Assembled)	Cut Hole Dim
LMDR-A416-3P5C-RX	4" Round	132mm	109mm	139mm	94mm	101mm	115mm
LMDR-A630-3P5C-RX	6" Round	198mm	150mm	210.5mm	110mm	120.5mm	158mm
LMDR-A840-3P5C-RX	8" Round	238mm	198mm	249mm	124.5mm	131mm	205mm
LMDR-A1045-3P5C-RX	10" Round	286mm	241mm	300mm	134.5mm	141mm	254mm

Mounting steps retrofit installation

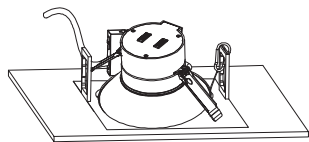
Note: Turn Off electricity at main fuse box (or circuit breaker box) before beginning installation.



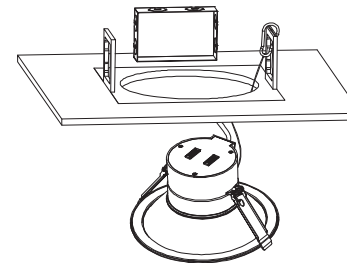
- 1.** Remove existing lamp and reflector. Measure the ceiling opening and ensure the edge of the new luminaire will cover the entire hole.



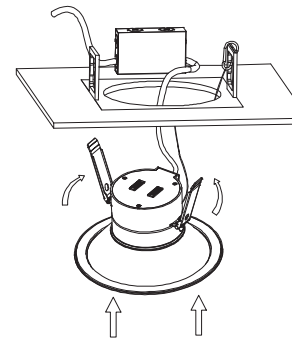
- 3.** Connect the AC main power to the fixture's input leads. Insert the fixture conduit into the J-box and wire to the power source (black to hot, white to neutral, violet to 0-10V dimming positive, gray to 0-10V dimming negative). Reattach the J-box when completed.



- 5.** Once the fixture is in the ceiling, release the spring clips and push the fixture up into the ceiling until it is securely fixed and flushed to the ceiling.



- 2.** Attach the carabiner safety lanyard to the existing fixture housing. Remove the junction box face plate and disconnect the wiring from the existing ballast.



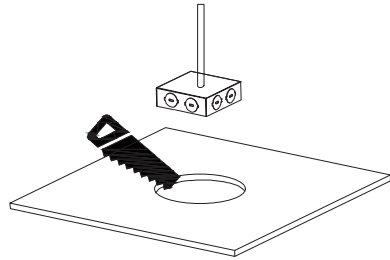
- 4.** Bend spring clips upwards, such that they are in an upright position, and insert the fixture into the ceiling and housing.



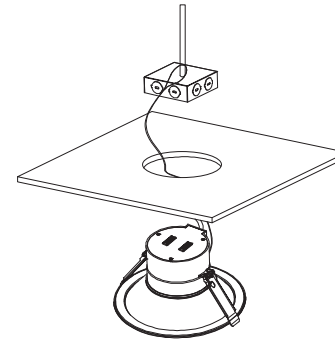
- 6.** Restore the power at the source and the installation is complete.

Mounting steps new construction installation

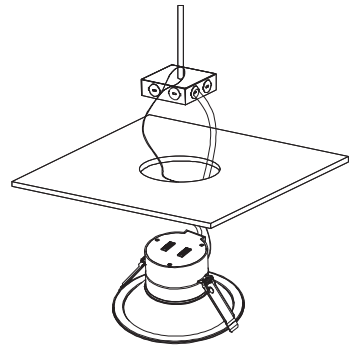
Note: Turn off electricity at main fuse box (or circuit breaker box) before beginning installation.



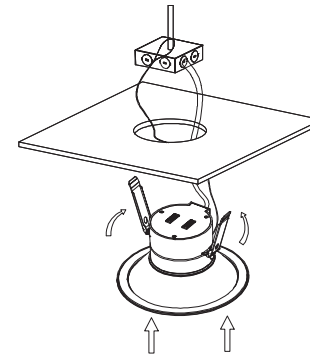
- 1.** If using a new construction plate, install it in the ceiling first. If a new hole is needed, cut a hole according to the luminaire cut-out dimension.



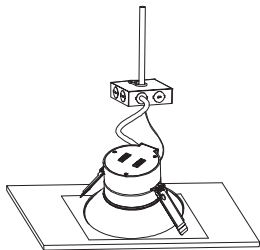
- 2.** Attach the carabiner safety lanyard to secure its place inside the ceiling. Remove the junction box faceplate and disconnect wiring to the existing ballast. Remove the appropriate knock out on junction box.



- 3.** Connect the AC main power to the fixture's input leads. Insert the fixture conduit into the J-box and wire to the power source (black to hot, white to neutral, violet to 0-10V dimming positive, gray to 0-10V dimming negative). Reattach the J-box when completed.



- 4.** Bend spring clips upwards, such that they are in an upright position, and insert fixture into the ceiling and housing.



- 5.** Once the fixture is in the ceiling, release the spring clips and push the fixture up into the ceiling until its securely fixed and flushed to the ceiling.



- 6.** Restore the power at the source and the installation is complete.

Package

Model	Inner Box/Size	Qty/Unit	N.W/Unit	Caton/Size	Qty/Carton	N.W/Carton	G.W/Carton
LMDR-A416-3P5C-RX	155*155*110mm	1PCS	0.27KG	486*485*236mm	18PCS	4.86KG	9.0KG
LMDR-A630-3P5C-RX	214*214*134mm	1PCS	0.58KG	446*445*423mm	12PCS	6.96KG	10.41KG
LMDR-A840-3P5C-RX	255*255*145mm	1PCS	0.68KG	528*527*456mm	12PCS	8.16KG	13.12KG
LMDR-A1045-3P5C-RX	303*303*155mm	1PCS	0.77KG	624*623*326mm	8PCS	6.16KG	10.89KG

Notice

- Please read the specification first, to make sure the service environment matches the condition in the specification before using.
- Please confirm the applicable power supply before using.
- Make sure the switch of product is off before connect to the power supply to prevent electric shock.
- Operation against rules may damage your property even harm to your personal safety.
- Dangerous high voltage, Non-professionals are not allowed to maintain the products.
- If the exterior flexible cable or wire is damaged, it must exchange by the supplier, its agent or other similar qualified personnels to avoid dangers.

