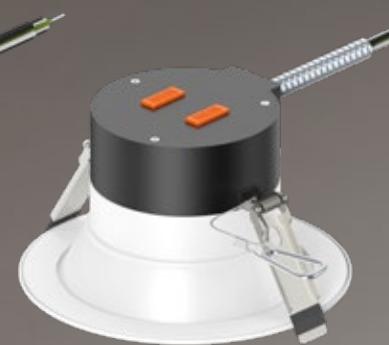


DL107K series

Recessed Commercial Downlight



4inch



6inch



8inch



10inch



5CCT
Adjustable



Dimmable
0-10V



CRI
>90



ETL
us
Intertek



Energy
STAR



RoHS



WET Location
5
YEARS
Warranty





Color temperature stepless adjustment:

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



Brightness dimming:

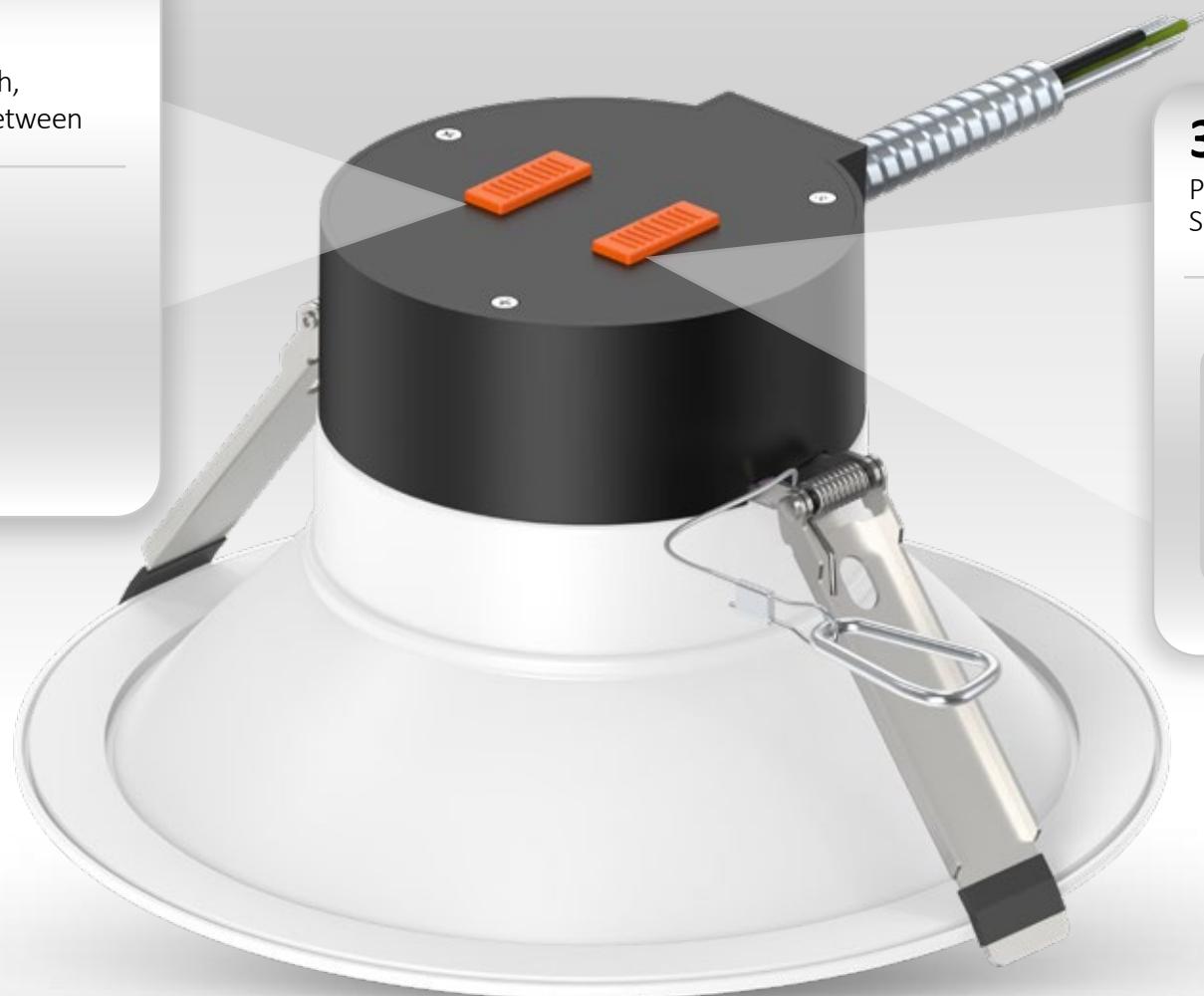
0%~100% continuously adjustable, precisely matching various lighting scenarios;

5CCT tunable

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

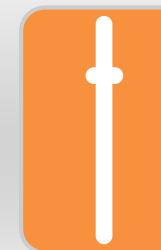


2700K
3000K
3500K
4000K
5000K



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);



+86-755-2760 8650



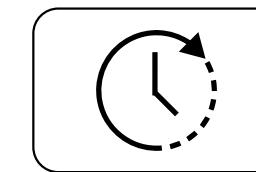
sales@signcomplex.com



www.signcomplex.com



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



50,000 hours
Long lifespan

Parameters (4inch)

Model	CCT	Luminous flux (Im \pm 10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
DL107K-4-16W-5CCT-R90-00ZZ	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							
DL107K-4-16W-5CCT-R90-00ZZ	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							
DL107K-4-16W-5CCT-R90-00ZZ	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 (6inch)

Model	CCT	Luminous flux (Im \pm 10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
DL107K-6-30W-5CCT-R90-00ZZ	2700K	2250	105°	SMD2835	Ra > 90	>0.9	18W	100-277V,347V, 50/60Hz	-20°C ~ 40°C
	3000K	2340							
	3500K	2430							
	4000K	2430							
	5000K	2340							
DL107K-6-30W-5CCT-R90-00ZZ	2700K	3000	105°	SMD2835	Ra > 90	>0.9	24W	100-277V,347V, 50/60Hz	-20°C ~ 40°C
	3000K	3120							
	3500K	3240							
	4000K	3240							
	5000K	3120							
DL107K-6-30W-5CCT-R90-00ZZ	2700K	3000	105°	SMD2835	Ra > 90	>0.9	30W	100-277V,347V, 50/60Hz	-20°C ~ 40°C
	3000K	3120							
	3500K	3240							
	4000K	3240							
	5000K	3120							

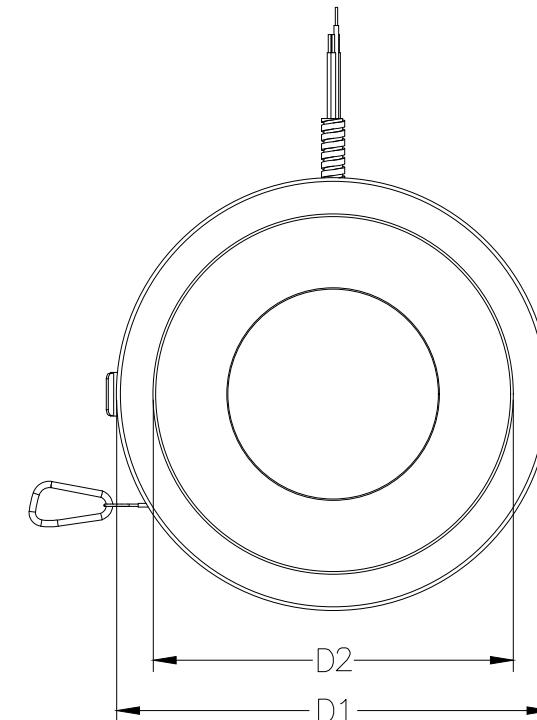
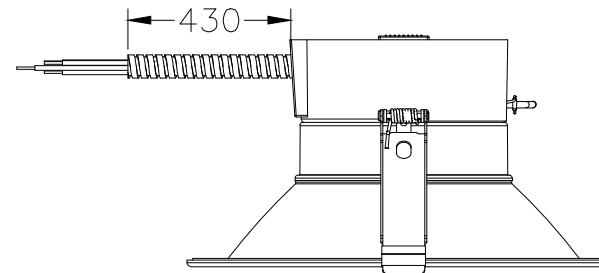
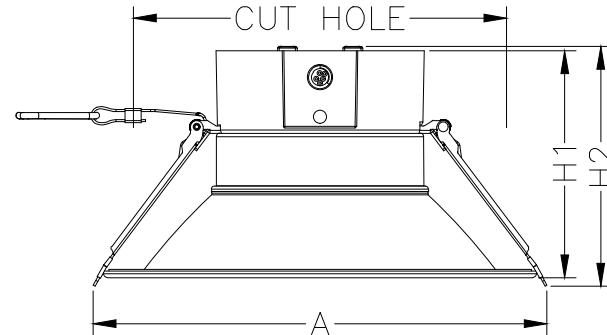
Parameters (8inch)

Model	CCT	Luminous flux (Im \pm 10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
DL107K-8-40W-5CCT-R90-00ZZ	2700K	3000							
	3000K	3120							
	3500K	3240	105°	SMD2835	Ra > 90	> 0.9	24W	100-277V, 347V, 50/60Hz	-20°C ~ 40°C
	4000K	3240							
	5000K	3120							
DL107K-8-40W-5CCT-R90-00ZZ	2700K	4000							
	3000K	4160							
	3500K	4320	105°	SMD2835	Ra > 90	> 0.9	32W	100-277V, 347V, 50/60Hz	-20°C ~ 40°C
	4000K	4320							
	5000K	4160							
DL107K-8-40W-5CCT-R90-00ZZ	2700K	4600							
	3000K	4800							
	3500K	5000	105°	SMD2835	Ra > 90	> 0.9	40W	100-277V, 347V, 50/60Hz	-20°C ~ 40°C
	4000K	5000							
	5000K	4800							

Parameters (10inch)

Model	CCT	Luminous flux (lm \pm 10%)	Beam angle	LEDs type	CRI	PF	Power	Voltage	Work Temperature
DL107K-10-45W-5CCT-R90-00ZZ	2700K	3375	105°	SMD2835	Ra > 90	>0.9	27W	100-277V,347V, 50/60Hz	-20°C ~ 40°C
	3000K	3510							
	3500K	3645							
	4000K	3645							
	5000K	3510							
DL107K-10-45W-5CCT-R90-00ZZ	2700K	4500	105°	SMD2835	Ra > 90	>0.9	36W	100-277V,347V, 50/60Hz	-20°C ~ 40°C
	3000K	4680							
	3500K	4860							
	4000K	4860							
	5000K	4680							
DL107K-10-45W-5CCT-R90-00ZZ	2700K	5175	105°	SMD2835	Ra > 90	>0.9	45W	100-277V,347V, 50/60Hz	-20°C ~ 40°C
	3000K	5400							
	3500K	5625							
	4000K	5625							
	5000K	5400							

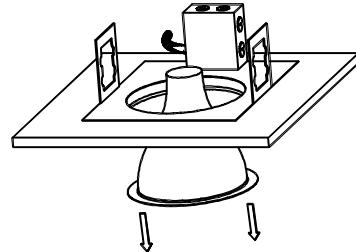
Dimensions



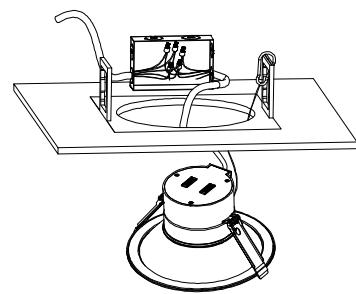
Model	Size	D1 (Trim Dim)	D2 (Luminous Dim)	A (Total Width)	H1 (Total Height)	H2 (Height Assembled)	Cut Hole Dim
DL107K-4-16W	4" Round	132mm	109mm	139mm	94mm	101mm	115mm
DL107K-6-30W	6" Round	198mm	150mm	210.5mm	110mm	120.5mm	158mm
DL107K-8-40W	8" Round	238mm	198mm	249mm	124.5mm	131mm	205mm
DL107K-10-45W	10" Round	286mm	241mm	300mm	134.5mm	141mm	254mm

Mounting steps retrofit installation

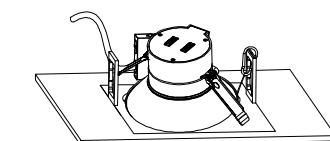
Note: Turn Off electricity at main fuse box (or circuit breaker box) before beginning installation.



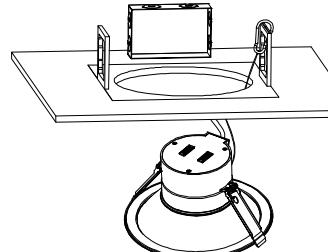
1. Remove existing lamp and reflector. Measure the ceiling opening and ensure the edge of the new luminaire will cover the entire hole.



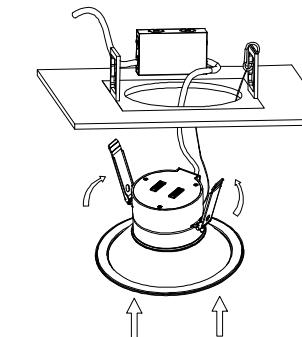
3. Connect the AC main power to the fixture's input leads. Insert the fixture conduit into the J-box and wire to the power source (black to hot, white to neutral, violet to 0-10V dimming positive, gray to 0-10V dimming negative). Reattach the J-box when completed.



5. Once the fixture is in the ceiling, release the spring clips and push the fixture up into the ceiling until its 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.



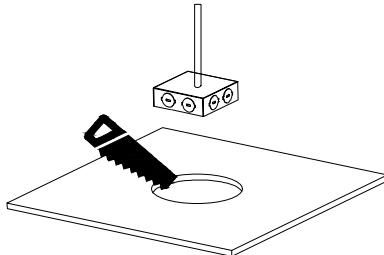
4. Bend spring clips upwards, such that they are in an upright position, and insert fixture into the ceiling and housing.



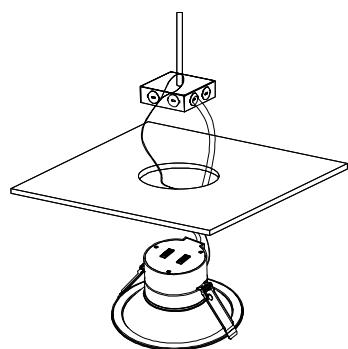
6. Restore the power at the source and the installation is complete.

Mounting steps new construction installation

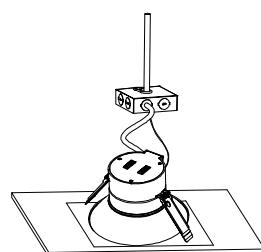
Note: Turn off electricity at main fuse box (or circuit breaker box) before beginning installation.



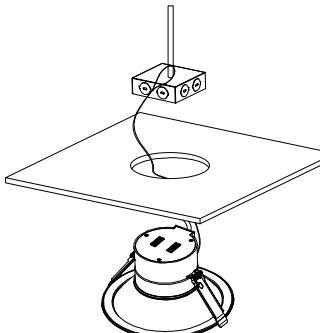
1. If using a new construction plate, install it in the ceiling first. If a new hole is needed, cut a hole according to the luminaire cut-out dimension.



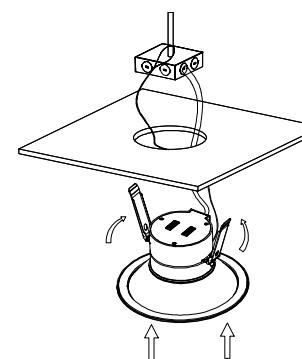
3. Connect the AC main power to the fixture's input leads. Insert the fixture conduit into the J-box and wire to the power source (black to hot, white to neutral, violet to 0-10V dimming positive, gray to 0-10V dimming negative). Reattach the J-box when completed.



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



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.



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



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

Package

Model	Inner Box/Size	Qty/Unit	N.W/Unit	Carton/Size	Qty/Carton	N.W/Carton	G.W/Carton
DL107K-4-16W	155*155*110mm	1PCS	0.27KG	486*485*236mm	18PCS	4.86KG	9.0KG
DL107K-6-30W	214*214*134mm	1PCS	0.58KG	446*445*423mm	12PCS	6.96KG	10.41KG
DL107K-8-40W	255*255*145mm	1PCS	0.68KG	528*527*456mm	12PCS	8.16KG	13.12KG
DL107K-10-45W	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 be exchanged by the supplier, its agent or other similar qualified personnel to avoid dangers.

