



**SMART**

Enjoy Smart Life with Smart Switch.

**PRODUCT CATALOG**

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## PLC PRODUCT

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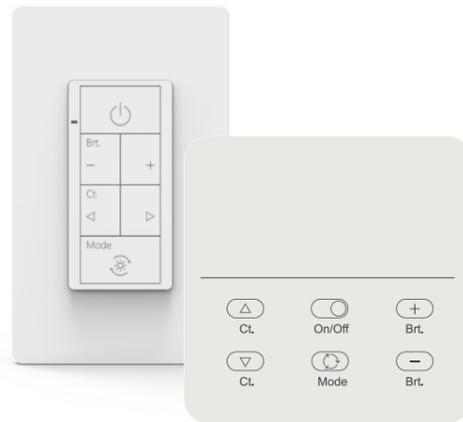
PLC RECESSED DOWNLIGHT \_\_\_\_\_ **14**

# ABOUT SMART SYSTEM!

Let's go towards Smart Age together!

## PLC SIGNAL CONTROL LAMP SYSTEM WITH ADAPTIVE POWER SUPPLY

The main parts include PLC Smart Switch and PLC lamps. Through the PLC switch control, the lamps can realize stepless dimming, stepless color adjustment and with scene mode. It is reliable and stable through wired control. It is easy to install, does not require signal lines, does not require addressing and debugging, does not require dimmers. So any home, new or old, can be a smart home.



### PLC Smart Switch

- ✔ Without New wiring
- ✔ No need to address and debug
- ✔ Reliable and stable
- ✔ Stepless dimming, Stepless color adjustment
- ✔ Three scene mode (Can be changed indeed)
- ✔ Easy to install and maintain

Can be used with PLC Lamps:



PLC Panel Light



PLC Troffer Light



PLC DownLight



PLC Strip Light

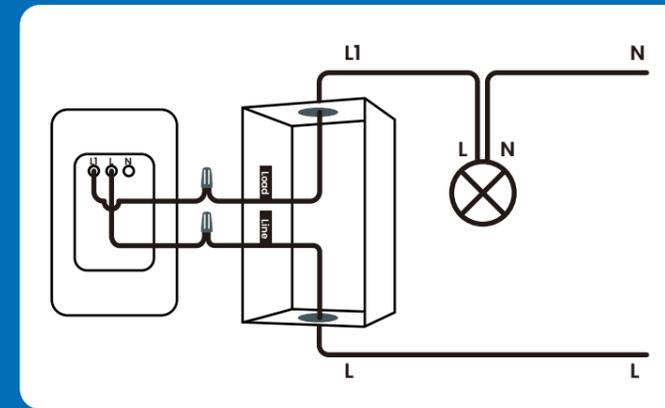


PLC Vapor Tight Light



PLC Integrated Tube

## SINGLE LIVE WIRE WIRING



### PLC Lamps

- ✔ Reliable and Stable
- ✔ No Dimming Wire Required
- ✔ Without Pairing
- ✔ Easy to install and maintain

### MAX CONNECT TOTAL WATTAGE

	PLC400W-120	PLC800W-120	PLC1200W-120		PLC1500W-86-1
AC 120V	400W	800W	1200W	AC 180-265V	1500W
AC 277V	800W	1600W	2400W		

For safety standards, do not connect more than the rated power of the PLC smart Switch.

	Way	Live Wire	Neutral Wire	Signal Line	Addressing/ Debugging	Dimming performance	CCT Adjustable Performance	Lighting Mode	Dimmer	Reliability
Wire Dimming	PLC Dimming (Adaptive)	✔	✔	✘	✘	✔	✔	✔	✘	✔
	<b>VS</b>									
	PLC Dimming (common)	✔	✔	✘	✔	✔	✔	✔	✘	✔
	DALI Dimming	✔	✔	✔	✔	✔	✔	✔	✔	✔
	0-10V Dimming	✔	✔	✔	✘	✔	✘	✘	✔	✔
	Triac dimmable	✔	✔	✘	✘	✔	✘	✘	✔	✔
Wireless Dimming	485 bus	✔	✔	✔	✔	✔	✔	✔	✘	✔
	Bluetooth	✔	✔	✘	✔	✔	✔	✔	✘	✘
	WiFi	✔	✔	✘	✔	✔	✔	✔	✘	✘
	Infrared	✔	✔	✘	✔	✔	✔	✔	✘	✘
	ZigBee	✔	✔	✘	✔	✔	✔	✔	✘	✘

## PLC SMART SWITCH (US/CA VERSION)

- No neutral required, easy to install
- Without new wiring, can directly replace traditional switches
- No need to address and debug, easy to install and maintain
- Wired control, reliable and stable.
- No dimmer, just a smart switch is available for Stepless Diming, CCT adjustment and Lighting mode

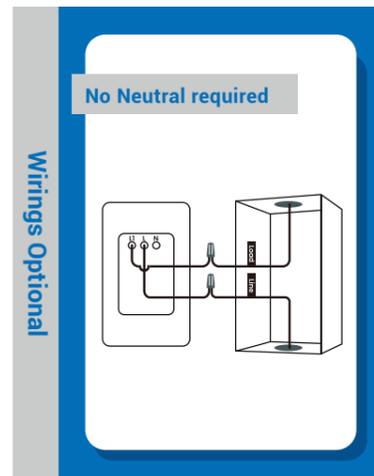
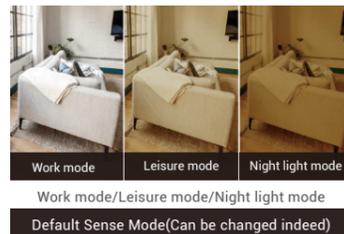
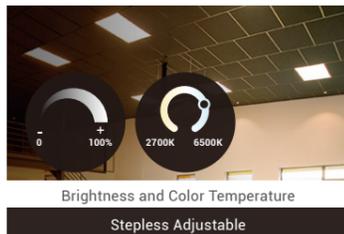
### Control your way

- Turn on/off
- Brightness stepless adjustable (0%-100%)
- Color temperature stepless adjustable (2700K-6500K)
- Three Scene Mode(Can be changed indeed)

Suitable for use in North America (the USA, Canada and Mexico etc)



Light Up Your Life as You Wish.



Model	Neutral Required	Wiring	Voltage	On/Off	Dimming	CCT Adjustable	Scene Mode	Maximum Load
PLC400W-120	No	Single Pole	120-277V	Yes	Yes	Yes	Yes	400W / 3.3A
PLC800W-120	No	Single Pole	120-277V	Yes	Yes	Yes	Yes	800W / 6.6A
PLC1200W-120	No	Single Pole	120-277V	Yes	Yes	Yes	Yes	1200W / 10A

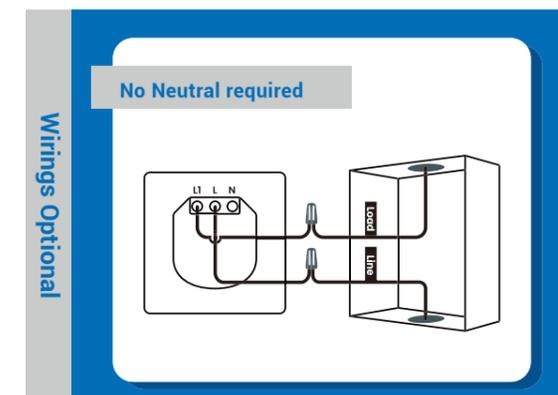
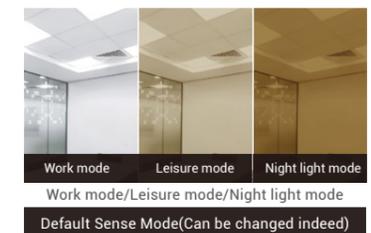
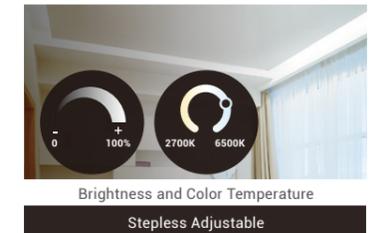
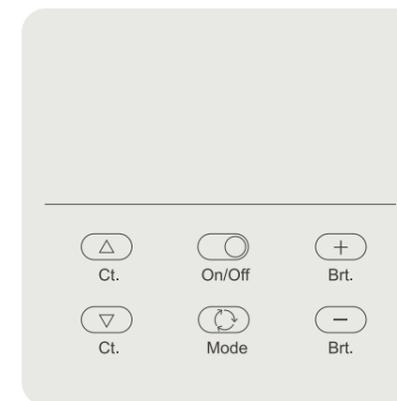
## PLC SMART SWITCH (EU/UK VERSION)

- No neutral required, easy to install
- Without new wiring, can directly replace traditional switches
- No need to address and debug, easy to install and maintain
- Wired control, reliable and stable.
- No dimmer, just a smart switch is available for Stepless Diming, CCT adjustment and Lighting mode

### Control your way

- Turn on/off
- Brightness stepless adjustable (0%-100%)
- Color temperature stepless adjustable (2700K-6500K)
- Three Scene Mode(Can be changed indeed)

Light Up Your Life as You Wish.



Model	Neutral Required	Wiring	Voltage	On/Off	Dimming	CCT Adjustable	Scene Mode	Maximum Load
PLC1500W-86-1	No	Single Pole	180-265V	Yes	Yes	Yes	Yes	1500W / 8.3A

## PLC BACK-LIT PANEL LIGHT

This Back-lit Panel Light is designed with high-efficiency LED chips which can provide high-quality light and reduce 85% of the electricity bill.

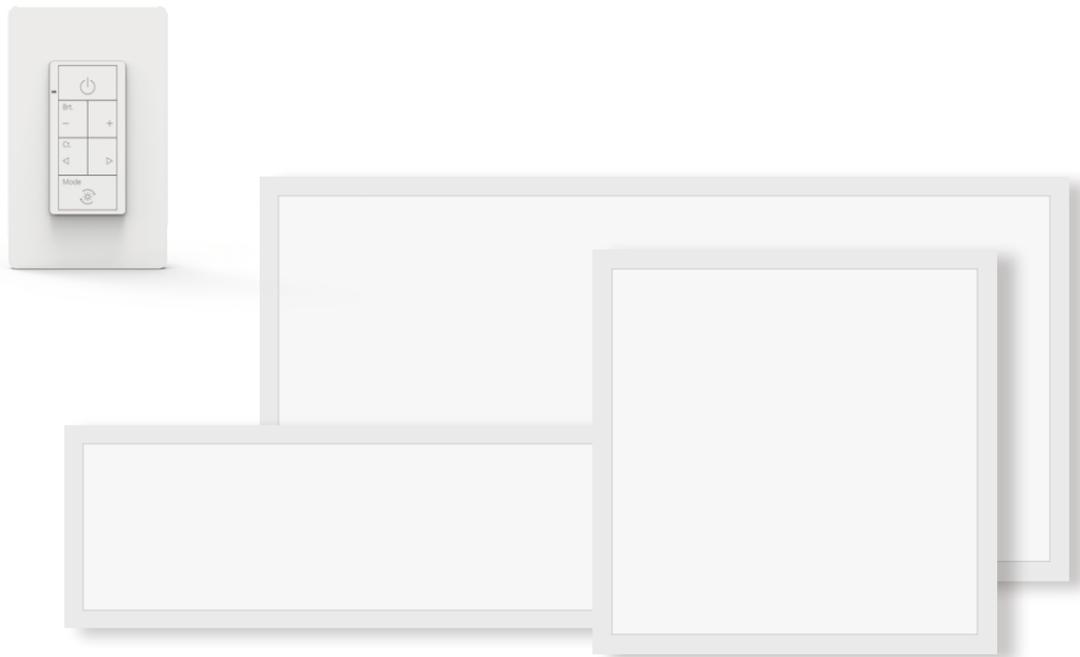
Suitable for different scenarios such as offices, basements, gyms, schools, hospitals, garages, conference rooms, etc.

Using with **PLC SMART SWITCH** - Control the lamp turn on/off, brightness stepless adjusts (0%-100%), color temperature stepless adjusts(2700K-6500K), scene mode and custom lighting mode.

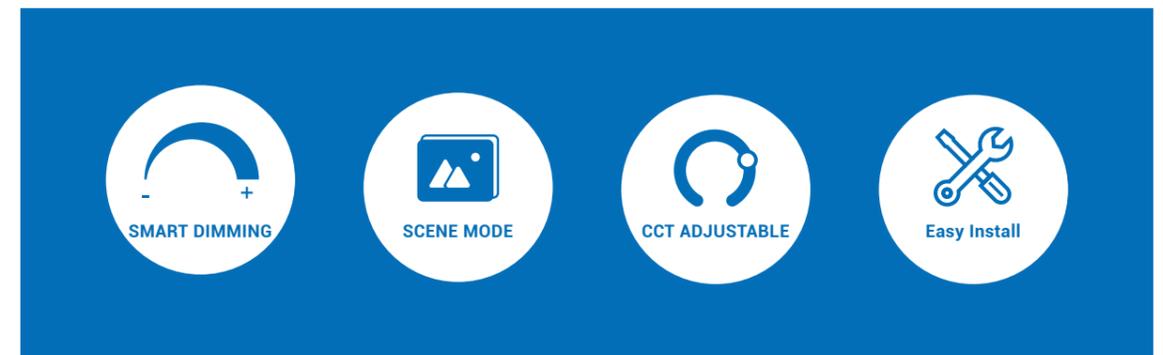
**LISTING** - ETL/DLC5.1/FCC

**WARRANTY** - 5 Years Limited Warranty, Rated for 50,000 hours.

Can be used with  
PLC Smart Switch



1x4 | 2x2 | 2x4



Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
BPL24-PLC72W-CCT	2x4	72W (0%-100% Adjustable)	120-277V	9000lm	125lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
BPL22-PLC40W-CCT	2x2	40W (0%-100% Adjustable)	120-277V	5000lm	125lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
BPL14-PLC40W-CCT	1x4	40W (0%-100% Adjustable)	120-277V	5000lm	125lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC

# PLC TROFFER LIGHT

The LED Troffer provides both function and beauty to any residential or commercial area.

Its ultra-slim, backlit design features a frosted acrylic lens and a white frame, providing a modern and stylish look. The energy-efficient LEDs produce evenly distributed light without any glare, hotspots or flickering.

**Using with PLC SMART SWITCH** - Control the lamp turn on/off, brightness stepless adjusts (0%-100%), color temperature stepless adjusts(2700K-6500K), scene mode and custom lighting mode.

**LISTING** - ETL/DLC5.1/FCC

**WARRANTY** - 5 Years Limited Warranty, Rated for 50,000 hours.



Can be used with PLC Smart Switch



1x4 | 2x2 | 2x4





SMART DIMMING



SCENE MODE



CCT ADJUSTABLE



Easy Install

Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
TRF24-PLC50W-CCT	2x4	50W (0%-100% Adjustable)	120-277V	6250lm	125-130 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
TRF22-PLC40W-CCT	2x2	40W (0%-100% Adjustable)	120-277V	5000lm	125-130 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
TRF14-PLC40W-CCT	1x4	40W (0%-100% Adjustable)	120-277V	5000lm	125-130 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC

## PLC LINEAR STRIP LIGHT

An all-in-1, low-profile, linear and narrow wraparound is available. It comes with decorative end caps that have integrated link and a frosted diffuser, which provides widespread and uniform illumination.

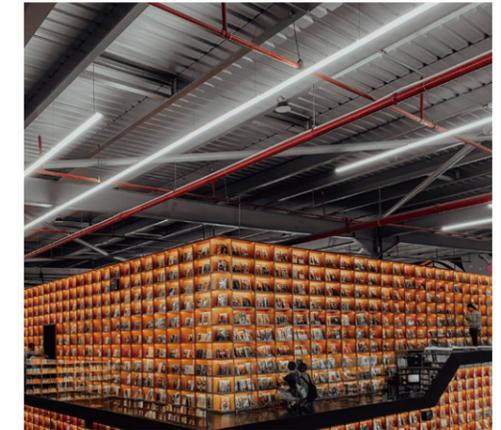
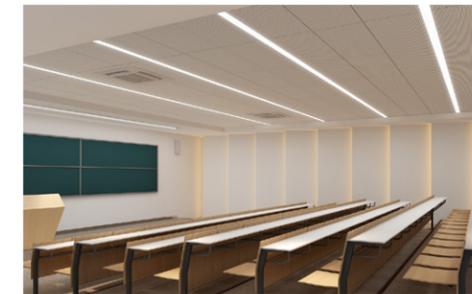
It is ideal for many applications including corridors, kitchens, breakrooms, utility work areas and stairways.

**LINKABLE** - The ability to link multiple tube lights together allows you to customize the lighting arrangement to suit your space perfectly, providing uniform lighting across larger areas.

**Using with PLC SMART SWITCH** - Control the lamp turn on/off, brightness stepless adjusts (0%-100%), color temperature stepless adjusts(2700K-6500K), scene mode and custom lighting mode.

**LISTING** - ETL/DLC5.1/FCC

**WARRANTY** - 5 Years Limited Warranty, Rated for 50,000 hours.





SMART DIMMING



SCENE MODE



CCT ADJUSTABLE



Easy Install

Model	Length	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
STR-4FT-PLC50W-CCT	4FT	50W (0%-100% Adjustable)	120-277V	6500lm	130lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
STR-8FT-PLC100W-CCT	8FT	100W (0%-100% Adjustable)	120-277V	13000lm	130lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC



## PLC VAPOR TIGHT LIGHT

The Vapor Tight LED Light is constructed with a durable, weatherproof polycarbonate housing and is sealed against dust, fumes, and moisture with stainless steel latches. IP65 rated for waterproof usage in areas where vapor or moisture build-up is an issue.

The light is specifically engineered to withstand harsh conditions, and are suitable for outdoor or indoor use, such as refrigeration areas, commercial kitchens, gas stations, car washes, or warehouses and more.

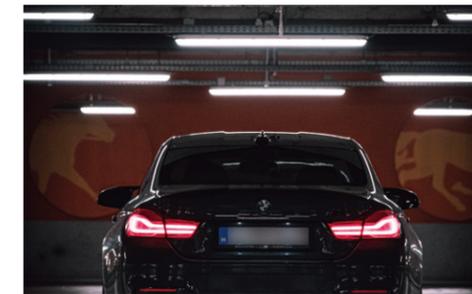
**Using with PLC SMART SWITCH** - Control the lamp turn on/off, brightness stepless adjusts (0%-100%), color temperature stepless adjusts (2700K-6500K), scene mode and custom lighting mode.

**LISTING** - ETL/DLC5.1/FCC

**WARRANTY** - 5 Years Limited Warranty, Rated for 50,000 hours.



2FT | 4FT | 8FT





SMART DIMMING



SCENE MODE



CCT ADJUSTABLE



Easy Install

Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
VAP-2FT-PLC25W-CCT	2FT	25W (0%-100% Adjustable)	120-277V	3250lm	125-130lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
VAP-4FT-PLC50W-CCT	4FT	50W (0%-100% Adjustable)	120-277V	6250lm	125-130lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
VAP-8FT-PLC100W-CCT	8FT	100W (0%-100% Adjustable)	120-277V	12500lm	125-130lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC

## PLC T8 INTEGRATED TUBE LIGHT

The T8 Integrated LED Tube is a high-quality light fixture that is suitable for areas of various sizes.

Use the linkable connectors or small connectors to daisy chain multiple units together. Installation is very simple. Use the mounting clips to install as a stand-alone fixture or suspend from the ceiling.

**Using with PLC SMART SWITCH** - Control the lamp turn on/off, brightness stepless adjusts (0%-100%), color temperature stepless adjusts(2700K-6500K), scene mode and custom lighting mode.

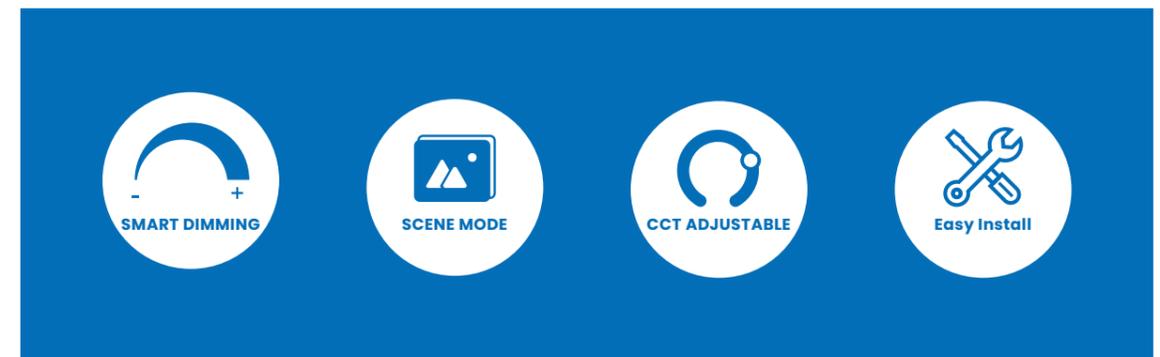
**LISTING** - ETL/DLC5.1/FCC

**WARRANTY** - 5 Years Limited Warranty, Rated for 50,000 hours.

Can be used with  
PLC Smart Switch



1FT | 2FT | 3FT | 4FT | 8FT



Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
INT-1FT-PLC8W-CCT	1FT	8W (0%-100% Adjustable)	120-277V	1000lm	125 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
INT-2FT-PLC15W-CCT	2FT	15W (0%-100% Adjustable)	120-277V	1875lm	125 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
INT-3FT-PLC22W-CCT	3FT	22W (0%-100% Adjustable)	120-277V	2750lm	125 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
INT-4FT-PLC30W-CCT	4FT	30W (0%-100% Adjustable)	120-277V	3750lm	125 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC
INT-8FT-PLC60W-CCT	8FT	60W (0%-100% Adjustable)	120-277V	7500lm	125 lm/W	2700K-6500K (Stepless Adjustable)	ETL/DLC5.1/FCC

## PLC RECESSED DOWNLIGHT

The LED Recessed Ceiling Light with Junction Box is an ultra-thin recessed downlight designed for quick, simple, and housing-free installations. Its low-profile design makes it the ideal solution for new construction or remodeling projects.

The lights are widely used in basements, Kitchens, Hallways, bedrooms, bathrooms and so on.

**Using with PLC SMART SWITCH** - Control the lamp turn on/off, brightness stepless adjusts (0%-100%), color temperature stepless adjusts(2700K-6500K), scene mode and custom lighting mode.

**LISTING** - ETL/ES+T24/FCC

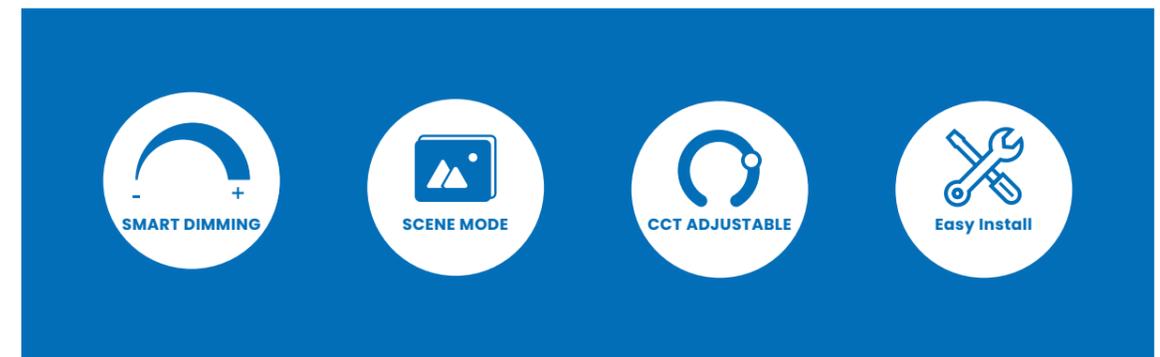
**WARRANTY** - 5 Years Limited Warranty, Rated for 50,000 hours.



Can be used with  
PLC Smart Switch



4" | 6"



Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
DL4-PLC9W-CCT	4"	9W (0%-100% Adjustable)	120-277V	765lm	85 lm/W	2700K-6500K (Stepless Adjustable)	ETL/ES+T24/FCC
DL6-PLC15W-CCT	6"	15W (0%-100% Adjustable)	120-277V	1350lm	90 lm/W	2700K-6500K (Stepless Adjustable)	ETL/ES+T24/FCC