



KANDOLite®

LED CFLni SERIES



Energy Efficiency



Mercury Free



High Efficacy

LED PLS AC & CCG

Features

- Energy saving with low power consumption
- Perfect retrofit fluorescent PLS lamps in CCG circuits
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.5
- Good color rendition, Ra ≥80



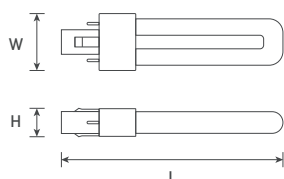
3W	~	7W
4.5W	~	9W
5W	~	11W



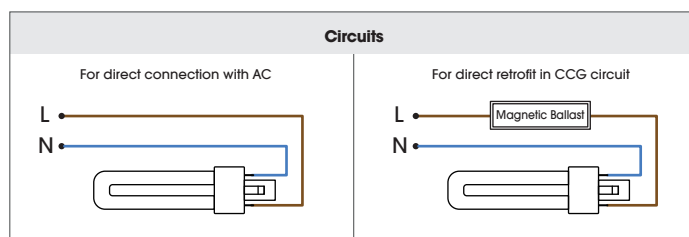
AC

CCG

G23 base



(Unit : mm)	(L)	(W)	(H)
3W	134	x 32	x 21
4.5W	159	x 32	x 21
5W	218	x 32	x 21



Direct 220 - 240V AC input. Integral LED driver



Model	Voltage	Wattage	Base	Color Temp	Type	Lumen	
LED PLS/7-3W/830/G/2P	220 - 240V	3W	G23	3000K	AC / CCG	360lm	E
LED PLS/7-3W/840/G/2P	220 - 240V	3W	G23	4000K	AC / CCG	370lm	E
LED PLS/7-3W/865/G/2P	220 - 240V	3W	G23	6500K	AC / CCG	380lm	E
LED PLS/9-4.5W/830/G/2P	220 - 240V	4.5W	G23	3000K	AC / CCG	560lm	E
LED PLS/9-4.5W/840/G/2P	220 - 240V	4.5W	G23	4000K	AC / CCG	580lm	E
LED PLS/9-4.5W/865/G/2P	220 - 240V	4.5W	G23	6500K	AC / CCG	600lm	E
LED PLS/11-5W/830/G/2P	220 - 240V	5W	G23	3000K	AC / CCG	680lm	D
LED PLS/11-5W/840/G/2P	220 - 240V	5W	G23	4000K	AC / CCG	700lm	D
LED PLS/11-5W/865/G/2P	220 - 240V	5W	G23	6500K	AC / CCG	720lm	D

LED PLS/E AC

Features

- Energy saving with low power consumption
- LED PLS/E 4PIN is not suitable for ECG Circuit. The ECG should be bypassed for AC connection
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.5
- Good color rendition, Ra ≥80

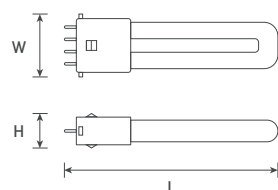


3W	~	7W
4.5W	~	9W
5W	~	11W



AC

2G7 base



(Unit : mm)	(L)	(W)	(H)
3W	121 x	37 x	21
4.5W	146 x	37 x	21
5W	205 x	37 x	21

New installation / ECG rewiring AC Input



Direct 220 - 240V AC input. Integral LED driver
This LED PLS/E is not suitable for ECG Circuit. Please bypass the ECG for AC connection



Model	Voltage	Wattage	Base	Color Temp	Type	Lumen	ENERGY STAR
LED PLSE/7-3W/AC/830/G/4P	220 - 240V	3W	2G7	3000K	AC	360lm	E
LED PLSE/7-3W/AC/840/G/4P	220 - 240V	3W	2G7	4000K	AC	370lm	E
LED PLSE/7-3W/AC/865/G/4P	220 - 240V	3W	2G7	6500K	AC	380lm	E
LED PLSE/9-4.5W/AC/830/G/4P	220 - 240V	4.5W	2G7	3000K	AC	560lm	E
LED PLSE/9-4.5W/AC/840/G/4P	220 - 240V	4.5W	2G7	4000K	AC	580lm	E
LED PLSE/9-4.5W/AC/865/G/4P	220 - 240V	4.5W	2G7	6500K	AC	600lm	E
LED PLSE/11-5W/AC/830/G/4P	220 - 240V	5W	2G7	3000K	AC	680lm	D
LED PLSE/11-5W/AC/840/G/4P	220 - 240V	5W	2G7	4000K	AC	700lm	D
LED PLSE/11-5W/AC/865/G/4P	220 - 240V	5W	2G7	6500K	AC	720lm	D

LED PLD AC & CCG

Features

- Energy saving with low power consumption
- Perfect retrofit fluorescent PLD lamps in CCG circuits
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.5
- Good color rendition, Ra ≥80



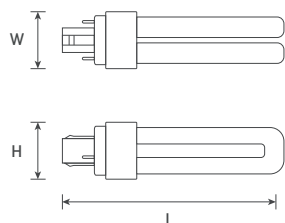
4.5W	~	10W
5W	~	13W
6W	~	18W
9W	~	26W



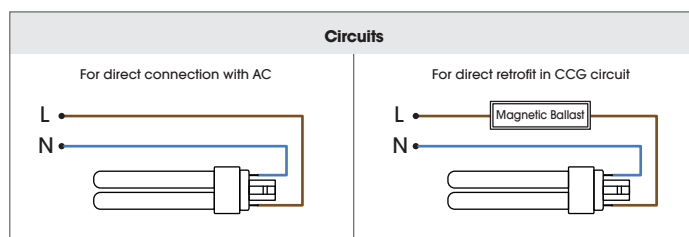
AC

CCG

G24d base



(Unit : mm)	(L)	(W)	(H)
4.5W	109	x 35	x 35
5W	143	x 35	x 35
6W	143	x 35	x 35
9W	168	x 35	x 35



Direct 220 - 240V AC input. Integral LED driver



Model	Voltage	Wattage	Base	Color Temp	Type	Lumen	
LED PLD/10-4.5W/830/G/2P	220 - 240V	4.5W	G24d	3000K	AC / CCG	580lm	E
LED PLD/10-4.5W/840/G/2P	220 - 240V	4.5W	G24d	4000K	AC / CCG	605lm	E
LED PLD/10-4.5W/865/G/2P	220 - 240V	4.5W	G24d	6500K	AC / CCG	630lm	D
LED PLD/13-5W/830/G/2P	220 - 240V	5W	G24d	3000K	AC / CCG	680lm	D
LED PLD/13-5W/840/G/2P	220 - 240V	5W	G24d	4000K	AC / CCG	705lm	D
LED PLD/13-5W/865/G/2P	220 - 240V	5W	G24d	6500K	AC / CCG	730lm	D
LED PLD/18-6W/830/G/2P	220 - 240V	6W	G24d	3000K	AC / CCG	800lm	E
LED PLD/18-6W/840/G/2P	220 - 240V	6W	G24d	4000K	AC / CCG	835lm	D
LED PLD/18-6W/865/G/2P	220 - 240V	6W	G24d	6500K	AC / CCG	870lm	D
LED PLD/26-9W/830/G/2P	220 - 240V	9W	G24d	3000K	AC / CCG	1250lm	D
LED PLD/26-9W/840/G/2P	220 - 240V	9W	G24d	4000K	AC / CCG	1300lm	D
LED PLD/26-9W/865/G/2P	220 - 240V	9W	G24d	6500K	AC / CCG	1350lm	D

LED PLD/E AC

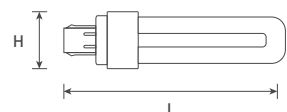
Features

- Energy saving with low power consumption
- LED PLD/E 4PIN is not suitable for ECG Circuit. The ECG should be bypassed for AC connection
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.5
- Good color rendition, Ra ≥80



4.5W	~	10W
5W	~	13W
6W	~	18W
9W	~	26W

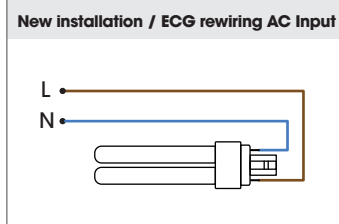
G24q base



(Unit : mm)	(L)	(W)	(H)
4.5W	109	x 35	x 35
5W	143	x 35	x 35
6W	143	x 35	x 35
9W	168	x 35	x 35



AC



Direct 220 - 240V AC input. Integral LED driver
This LED PLD/E is not suitable for ECG Circuit. Please bypass the ECG for AC connection



Model	Voltage	Wattage	Base	Color Temp	Type	Lumen	
LED PLDE/10-4.5W/830/G/4P	220 - 240V	4.5W	G24q	3000K	AC	580lm	E
LED PLDE/10-4.5W/840/G/4P	220 - 240V	4.5W	G24q	4000K	AC	605lm	E
LED PLDE/10-4.5W/865/G/4P	220 - 240V	4.5W	G24q	6500K	AC	630lm	D
LED PLDE/13-5W/830/G/4P	220 - 240V	5W	G24q	3000K	AC	680lm	D
LED PLDE/13-5W/840/G/4P	220 - 240V	5W	G24q	4000K	AC	705lm	D
LED PLDE/13-5W/865/G/4P	220 - 240V	5W	G24q	6500K	AC	730lm	D
LED PLDE/18-6W/AC/830/G/4P	220 - 240V	6W	G24q	3000K	AC	800lm	E
LED PLDE/18-6W/AC/840/G/4P	220 - 240V	6W	G24q	4000K	AC	835lm	D
LED PLDE/18-6W/AC/865/G/4P	220 - 240V	6W	G24q	6500K	AC	870lm	D
LED PLDE/26-9W/AC/830/G/4P	220 - 240V	9W	G24q	3000K	AC	1250lm	D
LED PLDE/26-9W/AC/840/G/4P	220 - 240V	9W	G24q	4000K	AC	1300lm	D
LED PLDE/26-9W/AC/865/G/4P	220 - 240V	9W	G24q	6500K	AC	1350lm	D

LED PLT/E AC

Features

- Energy saving with low power consumption
- LED PLT/E 4PIN is not suitable for ECG Circuit. The ECG should be bypassed for AC connection
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.5
- Good color rendition, Ra ≥80

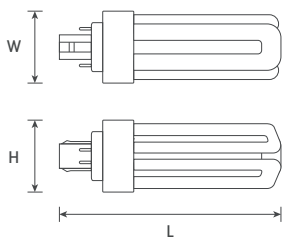


10W ~ **32W**
13W ~ **42W**



AC

GX24q base

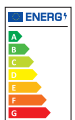


(Unit : mm)	(L)	(W)	(H)
10W	140 x	49 x	45
13W	165 x	49 x	45

New installation / ECG rewiring AC Input



Direct 220 - 240V AC input. Integral LED driver
This LED PLT/E is not suitable for ECG Circuit. Please bypass the ECG for AC connection



Model	Voltage	Wattage	Base	Color Temp	Type	Lumen	
LED PLTE/32-10W/AC/830/G/4P	220 - 240V	10W	GX24q	3000K	AC	1300lm	E
LED PLTE/32-10W/AC/840/G/4P	220 - 240V	10W	GX24q	4000K	AC	1350lm	D
LED PLTE/32-10W/AC/865/G/4P	220 - 240V	10W	GX24q	6500K	AC	1400lm	D
LED PLTE/42-13W/AC/830/G/4P	220 - 240V	13W	GX24q	3000K	AC	1760lm	D
LED PLTE/42-13W/AC/840/G/4P	220 - 240V	13W	GX24q	4000K	AC	1805lm	D
LED PLTE/42-13W/AC/865/G/4P	220 - 240V	13W	GX24q	6500K	AC	1850lm	D

LED PLL AC

Features

- Energy saving with low power consumption
- LED PLL is not suitable for ECG Circuit. The ECG should be bypassed for AC connection
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Full glass body
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.5
- Good color rendition, Ra ≥80

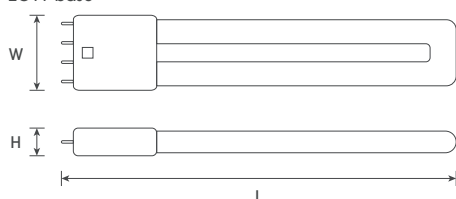


8W	~	18W
12W	~	24W
18W	~	36W
20W	~	40W
24W	~	55W



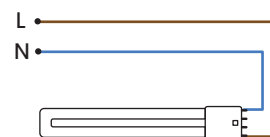
AC

2G11 base



(Unit : mm)	(L)	(W)	(H)
8W	230 x	44 x	24
12W	320 x	44 x	24
18W	410 x	44 x	24
20W	530 x	44 x	24
24W	530 x	44 x	24

New installation / ECG rewiring AC Input



Direct 220 - 240V AC input. Integral LED driver

This LED PLL is not suitable for ECG Circuit. Please bypass the ECG for AC connection



Model	Voltage	Wattage	Base	Color Temp	Type	Lumen	ENERGY STAR
LED PLL/18-8W/AC/830/G	220 - 240V	8W	2G11	3000K	AC	950lm	E
LED PLL/18-8W/AC/840/G	220 - 240V	8W	2G11	4000K	AC	975lm	E
LED PLL/18-8W/AC/865/G	220 - 240V	8W	2G11	6500K	AC	1000lm	E
LED PLL/24-12W/AC/830/G	220 - 240V	12W	2G11	3000K	AC	1450lm	E
LED PLL/24-12W/AC/840/G	220 - 240V	12W	2G11	4000K	AC	1475lm	E
LED PLL/24-12W/AC/865/G	220 - 240V	12W	2G11	6500K	AC	1500lm	E
LED PLL/36-18W/AC/830/G	220 - 240V	18W	2G11	3000K	AC	2200lm	E
LED PLL/36-18W/AC/840/G	220 - 240V	18W	2G11	4000K	AC	2250lm	E
LED PLL/36-18W/AC/865/G	220 - 240V	18W	2G11	6500K	AC	2300lm	E
LED PLL/40-20W/AC/830/G	220 - 240V	20W	2G11	3000K	AC	2450lm	E
LED PLL/40-20W/AC/840/G	220 - 240V	20W	2G11	4000K	AC	2500lm	E
LED PLL/40-20W/AC/865/G	220 - 240V	20W	2G11	6500K	AC	2550lm	E
LED PLL/55-24W/AC/830/G	220 - 240V	24W	2G11	3000K	AC	3100lm	E
LED PLL/55-24W/AC/840/G	220 - 240V	24W	2G11	4000K	AC	3200lm	E
LED PLL/55-24W/AC/865/G	220 - 240V	24W	2G11	6500K	AC	3300lm	D

LED 2D 2PIN

Features

- Energy saving with low power consumption
- Perfect retrofit fluorescent 2D lamps in CCG circuits
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.9
- Good color rendition, Ra ≥80



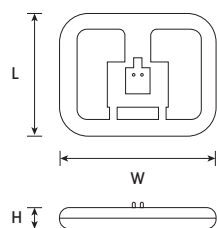
AC

CCG

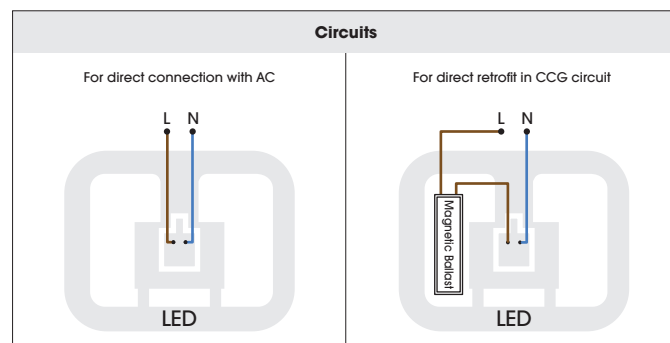


8W ~ **16W**
12W ~ **28W**
16W ~ **38W**

GR8 base



(Unit : mm)	(L)	(W)	(H)
8W	128	x 150	x 24
12W	182	x 211	x 24
16W	182	x 211	x 24



Direct 220 - 240Vac input. Integral LED driver



Model	Wattage	Base	Color Temp	Type	Lumen	
LED TP 2D/16-8W/8XX/2P	8W	GR8	2700K / 3000K / 3500K / 4000K / 6500K	AC / CCG	825lm / 840lm / 840lm / 860lm / 880lm	F / F / F / F / E
LED TP 2D/28-12W/8XX/2P	12W	GR8	2700K / 3000K / 3500K / 4000K / 6500K	AC / CCG	1235lm / 1260lm / 1260lm / 1300lm / 1320lm	F / F / F / F / E
LED TP 2D/38-16W/8XX/2P	16W	GR8	2700K / 3000K / 3500K / 4000K / 6500K	AC / CCG	1650lm / 1680lm / 1680lm / 1730lm / 1800lm	F / F / F / F / E

LED 2D 4PIN

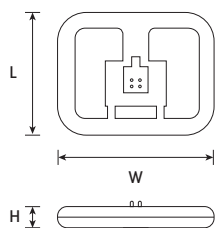
Features

- Energy saving with low power consumption
- Perfect retrofit fluorescent 2D lamps in CCG circuits
- LED 2D 4PIN is not suitable for ECG Circuit. The ECG should be bypassed for AC connection
- For direct connection with AC
- Instant full brightness
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.9
- Good color rendition, Ra ≥80

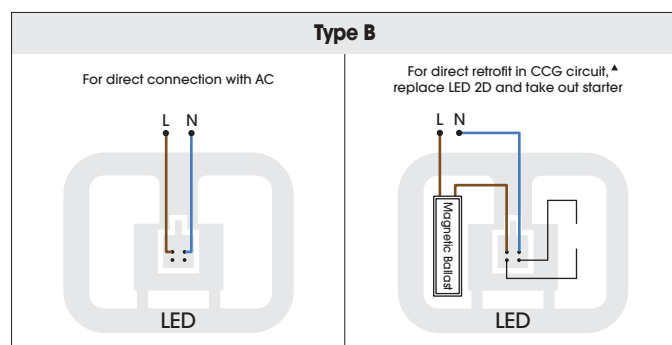
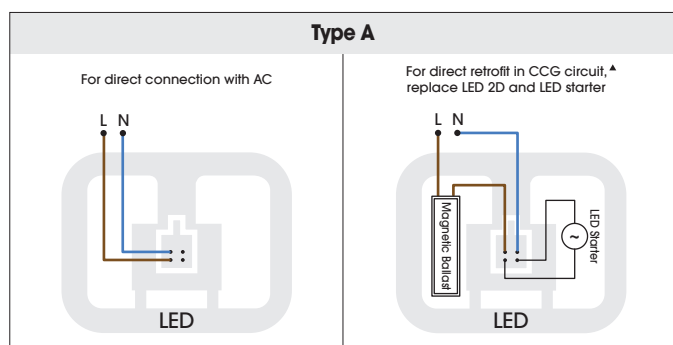


8W	~	16W
12W	~	28W
16W	~	38W

GR10q base



(Unit : mm)	(L)	(W)	(H)
8W	128 x	150 x	24
12W	182 x	211 x	24
16W	182 x	211 x	24



Direct 220 - 240Vac input. Integral LED driver

▲ This LED 2D 4PIN is not suitable for ECG Circuit. Please bypass the ECG for AC connection



Model	Wattage	Base	Color Temp	Type	Lumen	
LED TP 2D/16-8W/8XX/4P	8W	GR10q	2700K / 3000K / 3500K / 4000K / 6500K	A / B	825lm / 840lm / 840lm / 860lm / 880lm	F / F / F / F / E
LED TP 2D/28-12W/8XX/4P	12W	GR10q	2700K / 3000K / 3500K / 4000K / 6500K	A / B	1235lm / 1260lm / 1260lm / 1300lm / 1320lm	F / F / F / F / E
LED TP 2D/38-16W/8XX/4P	16W	GR10q	2700K / 3000K / 3500K / 4000K / 6500K	A / B	1650lm / 1680lm / 1680lm / 1730lm / 1800lm	F / F / F / F / E



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Website

