

DIMEZE™

Digital LED Dimmer

Phase-cut Solution Portfolio
直氣調光產品組合



PCD Series AC Dimmable Driver



DZ2G450DIAL
450W Phase Dimmer



DZ1G450CAPS
450W Phase Dimmer



AC Flicker-free LED Deep Dimming Solution

DIMEZE™ LED Dimmers are suitable for Incandescent, Halogen, Low Voltage Lighting using Electronics Transformers and LED Lighting. **DIMEZE™** LED Dimmers have Minimum-Brightness-Level feature to adopt to other LED Drivers' lowest-allowed brightness level to provide flicker-free LED Dimming. Combining **DIMEZE™** 450W Digital Phase LED Dimmers with **Meanwell** PCD LED Drivers, Interior Designer and E&M contractors can simply select the right products from below table for AC LED Dimming requirement.

無閃爍直氣LED深度調光方案

DIMEZE™ LED 專用調光器 (光暗掣) 適合白熾燈、鹵素燈、使用電子式變壓器的低壓照明和 LED 照明。
DIMEZE™ LED 專用調光器 (光暗掣) 的最低亮度設定功能可以因應不同 LED 驅動器所能支持的最低亮度來達到無閃 LED 調光。同時使用 **DIMEZE™** 450W 數位相切 LED 調光器 (光暗掣) 及 **Meanwell (明緯)** PCD 相切調光 LED 驅動器，室內設計師及電業工程承辦商只需要從下表中選擇合適產品就能滿足直氣 LED 調光需求。

PCD Series Product Selection Guide PCD系列產品選擇表

		Constant Current Output / Output Voltage Range					恆流輸出 / 輸出電壓範圍			
Series	Power	350mA	500mA	700mA	1050mA	1400mA	1750mA	2000mA	2400mA	
PCD - 16	16W	24 - 48V	—	16 - 24V	12 - 16V	8 - 12V	—	—	—	
PCD - 25	25W	40 - 58V	—	24 - 36V	16 - 24V	12 - 18V	—	—	—	
PCD - 40	40W	70-108V	45 - 80V	34 - 57V	22 - 38V	17 - 29V	13 - 23V	—	—	
PCD - 60	60W	—	70-108V	50 - 86V	34 - 57V	25 - 43V	20 - 34V	18 - 30V	15 - 25V	

Consult www.meanwell.com for datasheet
有關 PCD 產品規格書，請查閱 www.meanwell.com



Key Facts 關鍵資料

Model Number 產品型號	DZ2G450DIAL	DZ1G450CAPS	DZ1G1TEN
Interface 調校方式	Rotary 旋扭式	Capacitive Sensing 觸控式	Rotary 旋扭式
On /Off 開關	Separate 外置	Integrate 內置	Separate 外置
Operating Voltage 工作電壓	220V - 240Vac @ 50Hz		Adapter: AC100 - 240Vac @ 50/60Hz Controller: DC 60V MAX
MAX Power (Load) 最大功率(負載)	450W		-
MIN Power (Dimmer) 最小功率(調光器)	3W		-
Over Temperature Protection 過溫保護	Yes		-
Short Current Protection 短路保護	Yes		-
Phase-Cut Dimming 相切調光	Leading / Trailing 前/後切	Trailing Only 後切	-
Minimum Brightness Level 最低亮度設定	Yes		Minimum-Trim 微調 (0.8V - 3.5V)
Last Dimmed Level Memory 最後亮度記憶	Yes		-
Restrike 過度曝光	Yes		-
CE Safety Certificate CE 安全憑證	IEC/EN60669-2-1 (LVD), IEC/EN55015, EN62547, EN6100302, EN61000-3-3 (EMC)		IEC/CE - EN55015:2013+A1:2015, EN61000-2-3:2014, EN61000-3-3:2013, EN61547:2009

Installation (Schneider Clipsal E30 / Compatible) 面板安裝 (施耐德奇勝 E30 / 兼容)



Insert dimmer to TV Plate
把調光器安裝到 TV 面板



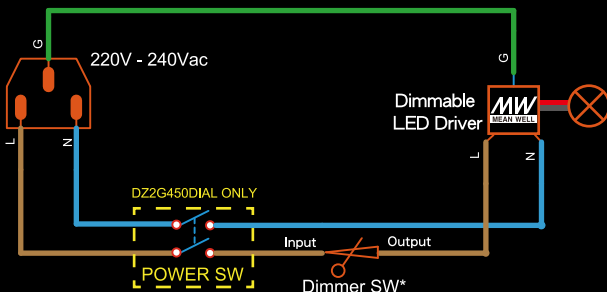
The LED indicator faces upward after done
完成後 LED 指示燈向上

Flush Box MIN 最小掣箱深度



DZ2G450DIAL / 34mm
DZ1G450CAPS / 43mm
DZ1G1TEN / 35mm

Wiring 接線 (直氣調光)



*Either terminal can be connected as Input or Output
"Live-In, Live-Out", No Separate Neutral Needed

*調光器任何一端可以作輸入或輸出端。
「火線入，火線出」，不用獨立零線安裝。

Specifications 規格 (DZ2G450DIAL, DZ1G450CAPS)

Voltage: 220 - 240Vac, 50Hz
Power: 450W (Load), 3W (Dimmer)
Load: Dimmable LED, Incandescent, Halogen, Dimmable CFL, Dimmable Electronic Transformer, Iron Core Transformer
Dimension: 23mm x 23mm
Compliance: IEC/EN60669-2-1 (LVD), IEC/EN55015, EN62547, EN61000-3-2, EN61000-3-3 (EMC)



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