

# PRODUCT DATASHEET

## DIRECT EASY KIT 4XPL CMFT 625 1XMCU

PANEL COMFORT 625 AND MCU SELECT | Reliable all-in-one solution for modern office lighting – optimized for DIRECT EASY



### Areas of application

- Offices
- Conference rooms
- Installations with 625 x 625 mm grid ceilings
- Applications requiring simple, centralized lighting control

### Product benefits

- Complete solution expandable to up to 40 Zigbee Direct luminaires
- Easy commissioning via the DIRECT EASY app using Bluetooth – no internet or user account required
- High energy efficiency with up to 130 lm/W
- Low maintenance requirements thanks to mains operation
- Low flicker levels and seamless dimming

### Product features

- 4x PANEL COMFORT 625 ZIGBEE GEN 2
- 1x MANUAL CONTROL UNIT SELECT DIRECT 100–240 ZB
- Rotary dimmer for flush-mounted installation for manual light control
- External driver with through-wiring box for flexible installation
- Lifetime: up to 100,000 h (L70/B50 at 25 °C)
- Easy compatibility with the DIRECT EASY app

TECHNICAL DATA

Electrical data

Nominal wattage	33 W
Nominal voltage	220...240 V
Type of current	AC/DC
Nominal current	150 mA
Inrush current	5.24 A
Mains frequency	0/50/60 Hz
Total harmonic distortion	< 7 %
Power factor λ	0.95
Surge capability (L-N)	1000 V

Photometrical data

Luminous efficacy	130 lm/W
Luminous flux	4320 lm
Color temperature	4000 K
Color rendering index Ra	>80
Light color (designation)	Cool White
Standard deviation of color matching	3 sdcn
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4

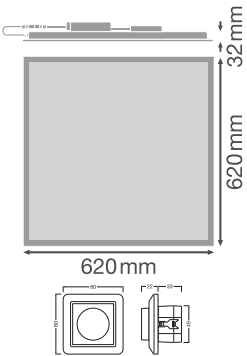
Light technical data

Beam angle	90 °
Starting time	< 0.7 s

Luminaire control gear data

Low flicker	Yes
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Dimensions & Weight



Length	620 mm
Width	620 mm
Height	32.00 mm
Product weight	9070.00 g

### Colors & materials

Product color	White
Body material	Aluminum
Cover material	Polystyrene (PS)

### Temperatures & operating conditions

Ambient temperature range	-10...+50 °C
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### Lifespan

Nominal lamp life time LEDr [PIM]	100000 h
Lifespan L70/B50 at 25 °C	100000 h <sup>1)</sup>
Number of switching cycles	50000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Additional product data

Mounting location	Ceiling
Low flicker	Yes
Added function	VIVARES

### Capabilities

Dimmable	Yes
Dimming interface	Zigbee 3.0 / IoT
Suitable for emergency lighting	Yes

### Certificates & Standards

Standards	CE / CB / TÜV / UKCA
Protection class	II
Type of protection	IP40/IP20
















### LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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### Safety advice

- All electrical connections must be made by a qualified person.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction G11230686 PANEL COMFORT
	User instruction / safety instructions	MCU SELECT DIRECT
	Legal information	PL CMFT ZB P
	Legal information	LUM PANELS_LI
	Legal information	Safety Insert G11207793
	Legal information	App Download guide
	Declarations of conformity	CE certificate PL FLEX CMFT ZB
	Declarations of conformity	MCU SELECT DIRECT 100-240 TW RGB ZB
	Declarations of conformity UKCA	UKCA certificate PL FLEX CMFT ZB
	Declarations of conformity UKCA	MCU SELECT DIRECT 100 240 TW RGB ZB
Photometric and lighting design files		Document name
	IES file (IES)	PL CMFT 625 ZB P 33W 840 U19 LEDV
	LDT file (Eulumdat)	PL CMFT 625 ZB P 33W 840 U19 LEDV
	UGR file (UGR table)	PL CMFT 625 ZB P 33W 840 U19 LEDV
	Light distribution curve type cone	PL CMFT 625 ZB P 33W 840 U19 LEDV
	Light distribution curve type polar	PL CMFT 625 ZB P 33W 840 U19 LEDV

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854704161	Shipping box 1	730 mm x 160 mm x 720 mm	10450.00 g	84.10 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For current information see [www.ledvance.com/light-management-systems](http://www.ledvance.com/light-management-systems)

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.