

PRODUCT DATASHEET

WALLPACK CBO V 24W ML 84065 IP65

WALLPACK COMBO | Robust Wallpack luminaire with IP65 protection



VALUE
CLASS

Areas of application

- Outdoor
- Loading docks
- Facade lighting

Product benefits

- Highly versatile due to selectable CCT and power steps (Multi Color / Multi Lumen) on the driver
- Plug & Upgrade concept to extend the On/Off luminaire to an emergency luminaire
- Suitable for use in dusty and damp locations thanks to high IP rating
- Suitable for use in public areas thanks to high IK rating
- Separate decor element available for an aesthetic and functional product design

Product features

- High luminous efficacy: up to 110 lm/W
- Type of protection: IP65
- Impact resistance: IK08
- Ambient temperature in operation: -20...+50 °C

TECHNICAL DATA

Electrical data

Nominal wattage	24 W / 18 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	124mA / 88 mA
Inrush current	9 A
Inrush current time T_{h50}	190 μ s
Max. number of luminaires per miniature circuit breaker B16	42
Max. number of luminaires per miniature circuit breaker C10	35
Max. number of luminaires per miniature circuit breaker C16	57
Power factor λ	> 0.70
Total harmonic distortion	< 60 %
Protection class	II

Photometrical data

Luminous flux	2640 lm / 1980 lm
Luminous efficacy	110 lm/W
Color temperature	6500 K / 4000 K
Light color (designation)	Cool Daylight / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 °
UGR	< 30

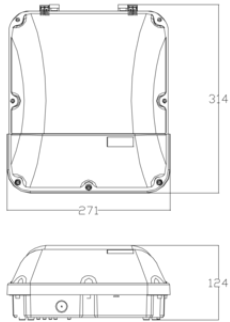
Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
24 W	6500 K	2640 lm	110 lm/W
24 W	4000 K	2640 lm	110 lm/W
18 W	6500 K	1980 lm	110 lm/W
18 W	4000 K	1980 lm	110 lm/W

Dimensions & Weight

Length	271.00 mm
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Width	314.00 mm
Height	124.00 mm
Product weight	992.00 g



WALLPACK CBO V 24W ML 84065
IP65

Materials & Colors

Product color	Black
Housing color	Black
RAL-Number	RAL 9005
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+50 °C
Temperature range at storage	-40...+80 °C
Type of connection	Push-in
Type of protection	IP65/IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Wall mounting
Mounting location	Wall
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	60000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	40000 h
Number of switching cycles	100000

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

Control gear

Output current	225mA / 176 mA
ECG - Output ripple current	< 36 %

Emergency lighting

Type of Emergency Lighting (EL)	Optional EL unit (battery and controller) for decentral operation available separately
Type of emergency operation test	None
Wattage in emergency operation mode	1.5 W
Luminous flux in emergency operation mode	150 lm

Certificates & Standards

Standards	CE / EAC / ERP / UKCA / REACH / ROHS
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Available from December 2025
Added function	MULTI SELECT / PLUG & UPGRADE

Accessories Optional

Product image	Product name	EAN
	WALLPACK CBO EL CG 1.5W 865 3H MTAT	4099854668111

EQUIPMENT / ACCESSORIES

- Plug & Upgrade emergency kit separately available
- Mounting screws and dowels included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	WALLPACK CMB
	Legal information	WALLPAK CMB
	Legal information	Safety Insert G11218810
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Legal Insert G11231556
	Declarations of conformity	CE declaration WALLPAC K CBO
	Declarations of conformity UKCA	UKCA declaration WALLPACK CBO
Photometric and lighting design files		Document name
	IES file (IES)	WALLPACK CBO V 24W ML 840
	IES file (IES)	WALLPACK CBO V 24W ML 865
	LDT file (Eulumdat)	WALLPACK CBO V 24W ML 840
	LDT file (Eulumdat)	WALLPACK CBO V 24W ML 865
CAD/BIM files		Document name
	BIM Revit 3D	Wallpack-Combo
	CAD STEP 3D	WALLPACK CBO

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854668074	Folding box 1	292 mm x 136 mm x 326 mm	1120.00 g	12.95 dm ³
4099854668081	Shipping box 5	697 mm x 312 mm x 352 mm	6640.00 g	76.55 dm ³

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 Guarantee see www.ledvance.com/guarantee

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