

# 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 $\mu$ 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 $\lambda$                                      | > 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 sdcn                   |
| 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                       |

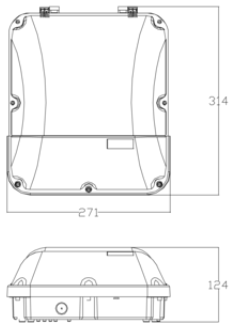
### Adjustable attributes

| 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 |
|--------|-----------|

|                |           |
|----------------|-----------|
| 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 Color (most similar)                   | 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 <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 50000 h               |
| Lifespan L90/B10 at 25 °C  | 40000 h               |
| Number of switching cycles | 100000                |

<sup>1)</sup> 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 |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

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

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](http://www.ledvance.com/guarantee)

---

### DISCLAIMER

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