

# PRODUCT DATASHEET

## UB WALLPACK P 20W ML 83040 GY

URBAN WALLPACK | Wallpack with wide beam, asymmetric light distribution for urban area and facade lighting



### Areas of application

- Industry
- Warehouses
- Schools
- Commercial buildings

### Product benefits

- Decorative functional design for urban environment
- Easy installation due to fast connector and anti-drop screws
- Very compact shape with high efficiency
- Multi Lumen: Brightness adjustment via dip switches on the driver
- Easy cable entry either on the back or from the side of the luminaire

### Product features

- High color consistency:  $\leq 3$  SDCM
- Lifetime (L80/B10): up to 100,000 h (at 25 °C)
- Multi Lumen function: power steps selectable
- Multi Color function: 4000K and 3000K (20W version only)
- Optics with wide beam angle of 55° x 135°
- Ambient temperature in operation: -30...+45 °C
- Daisy chaining possible

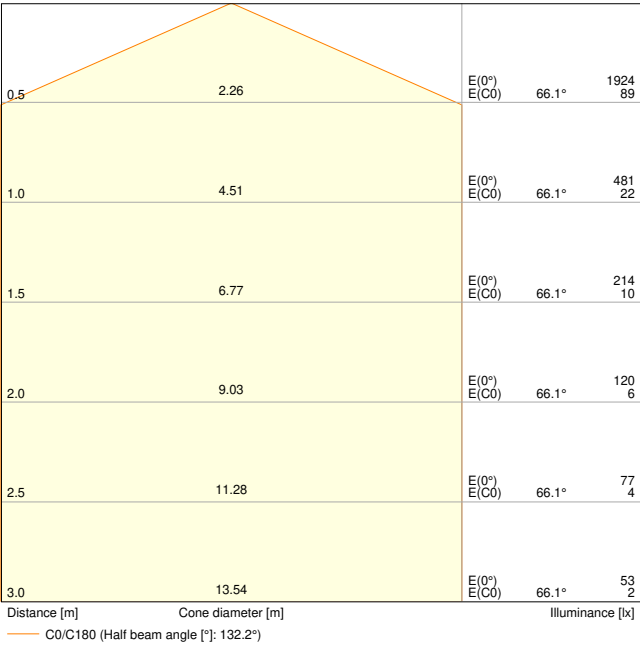
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**TECHNICAL DATA****Electrical data**

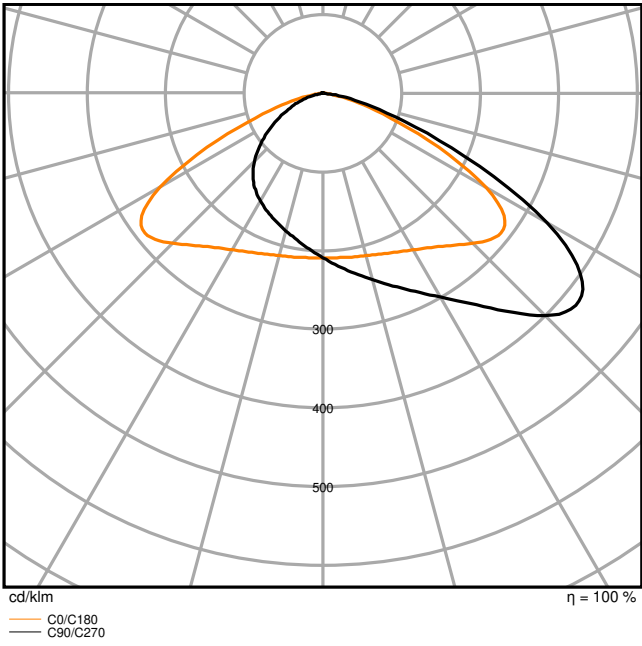
|                                                             |                                   |
|-------------------------------------------------------------|-----------------------------------|
| Nominal wattage                                             | 20.00 W                           |
| Nominal voltage                                             | 220...240 V                       |
| Mains frequency                                             | 50...60 Hz                        |
| Nominal current                                             | 92mA / 78mA / 69mA / 57mA / 47 mA |
| Inrush current                                              | 32 A                              |
| Inrush current time $T_{h50}$                               | 160.8 $\mu$ s                     |
| Max. number of luminaires per miniature circuit breaker B16 | 14                                |
| Max. number of luminaires per miniature circuit breaker C10 | 12                                |
| Max. number of luminaires per miniature circuit breaker C16 | 20                                |
| Power factor $\lambda$                                      | > 0.90                            |
| Total harmonic distortion                                   | < 20 %                            |
| Protection class                                            | I                                 |
| Operating mode                                              | Integrated LED driver             |

**Photometrical data**

|                                              |                                                      |
|----------------------------------------------|------------------------------------------------------|
| Luminous flux                                | 2300 lm / 2000 lm / 1800 lm / 1500 lm / 1260 lm      |
| Luminous efficacy                            | 126 lm/W / 125 lm/W / 121 lm/W / 118 lm/W / 115 lm/W |
| Color temperature                            | 3000 K / 4000 K                                      |
| Light color (designation)                    | Warm White...Cool White                              |
| Color rendering index Ra                     | > 80                                                 |
| Standard deviation of color matching         | 3 sdcn                                               |
| Low flicker                                  | Yes                                                  |
| Flickering metric (Pst LM)                   | <1                                                   |
| Stroboscope effect metric (SVM)              | <0.4                                                 |
| Photobiological safety group acc. to EN62778 | RG1                                                  |
| Beam angle                                   | 55 ° x 135 °                                         |



UB WALLPACK P 20W ML 840 GY LEDV



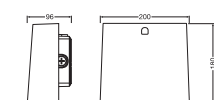
UB WALLPACK P 20W ML 840 GY LEDV

Adjustable attributes

| Nominal wattage | Color temperature | Luminous flux | Luminous efficacy |
|-----------------|-------------------|---------------|-------------------|
| 20 W            | 4000 K            | 2300 lm       | 115 lm/W          |
| 20 W            | 3000 K            | 2200 lm       | 110 lm/W          |
| 17 W            | 4000 K            | 2000 lm       | 118 lm/W          |
| 17 W            | 3000 K            | 1920 lm       | 113 lm/W          |
| 15 W            | 4000 K            | 1800 lm       | 121 lm/W          |
| 15 W            | 3000 K            | 1740 lm       | 116 lm/W          |
| 12 W            | 4000 K            | 1500 lm       | 125 lm/W          |
| 12 W            | 3000 K            | 1440 lm       | 120 lm/W          |
| 10 W            | 4000 K            | 1260 lm       | 126 lm/W          |
| 10 W            | 3000 K            | 1210 lm       | 121 lm/W          |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 200.00 mm |
| Width          | 180.00 mm |
| Height         | 96.00 mm  |
| Product weight | 1450.00 g |



UB WALLPACK P

## Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | Gray               |
| Housing color                              | Gray               |
| RAL Color (most similar)                   | RAL 7022           |
| Body material                              | Aluminum           |
| Cover material                             | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 850 °C             |
| Mercury content                            | 0.0 mg             |

## Application & Mounting

|                                        |                    |
|----------------------------------------|--------------------|
| Ambient temperature range              | -30...+45 °C       |
| Temperature range at storage           | -30...+80 °C       |
| Type of connection                     | Screwless terminal |
| Type of protection                     | IP66/IP66          |
| Protection class IK (shock resistance) | IK08               |
| Dimmable                               | No                 |
| Mounting type                          | Surface            |
| Mounting location                      | Wall               |
| Application environment                | Outdoor            |
| With light source                      | Yes                |
| Replaceable light source               | No                 |

## Lifespan

|                           |                        |
|---------------------------|------------------------|
| Lifespan L70/B50 at 25 °C | 100000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C | 100000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C | 100000 h               |
| Lifespan L90/B10 at 25 °C | 79000 h                |

<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              | 500mA / 420mA / 360mA / 290mA / 230 mA |
| ECG - Output ripple current | < 10 %                                 |

## Emergency lighting

|                                           |  |
|-------------------------------------------|--|
| Luminous flux in emergency operation mode |  |
|-------------------------------------------|--|

## Certificates &amp; Standards

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

## Additional product data

|                |              |
|----------------|--------------|
| Added function | MULTI SELECT |
|----------------|--------------|

## EQUIPMENT / ACCESSORIES

- All required accessories included
- Cable gland included

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA

|                                                                                    | Documents and certificates             | Document name                      |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|  | User instruction / safety instructions | G11244300 URBAN WALLPACK           |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Legal information                      | Safety Insert G11205497            |
|  | Legal information                      | UB WALLPACK                        |
|  | Legal information                      | UB WALLPACK                        |
|  | Declarations of conformity             | LED Wall Light                     |
|  | Declarations of conformity UKCA        | LED Wall Light                     |

| Photometric and lighting design files                                            |                                     | Document name                     |
|----------------------------------------------------------------------------------|-------------------------------------|-----------------------------------|
|  | IES file (IES)                      | UB WALLPACK P 20W ML 840 GY LEDV  |
|  | LDT file (Eulumdat)                 | UB WALLPACK P 20W ML 840 GY LEDV  |
|  | Light distribution curve type cone  | UB WALLPACK P 20W ML 840 GY LEDV  |
|  | Light distribution curve type polar | UB WALLPACK P 20W ML 840 GY LEDV  |
| CAD/BIM files                                                                    |                                     | Document name                     |
|  | BIM Revit 3D                        | Urban Wallpack                    |
| Tender texts                                                                     |                                     | Document name                     |
|  | Tender documents                    | URBAN WALLPACK 20W ML 83040 GY-en |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854592850 | Shipping box<br>1            | 257 mm x 257 mm x 139 mm             | 1910.00 g    | 9.18 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)

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