

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: ≤ 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

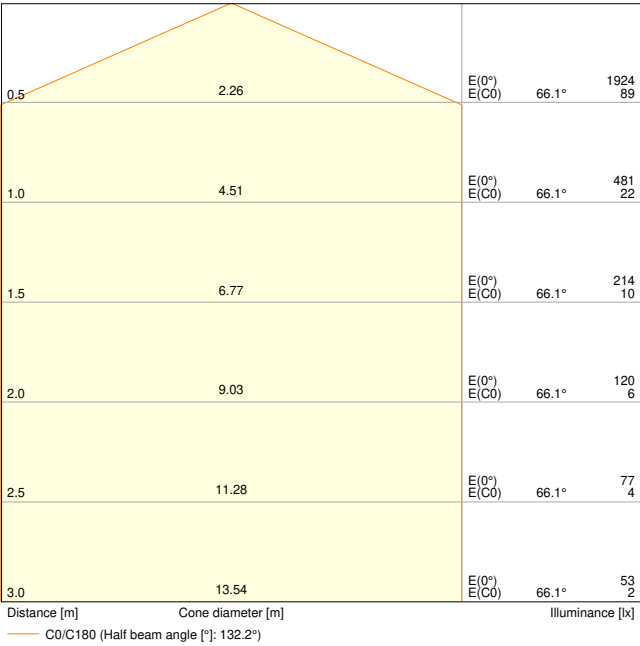
TECHNICAL DATA

Electrical data

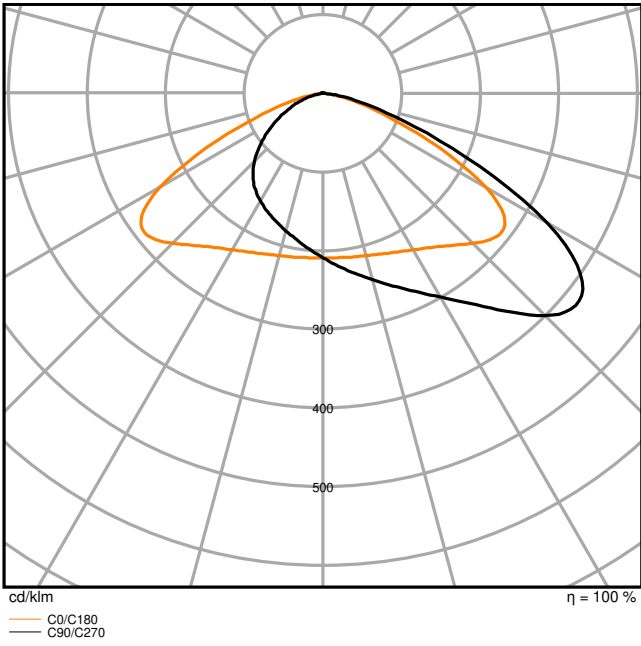
Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	92mA / 78mA / 69mA / 57mA / 47 mA
Inrush current	32 A
Inrush current time T_{h50}	160.8 μ s
Max. number of luminaires per miniature circuit breaker B16	14
Max. number of luminaires per miniature circuit breaker C10	12
Max. number of luminaires per miniature circuit breaker C16	20
Power factor λ	> 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



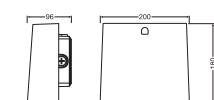
UB WALLPACK P 20W ML 840 GY LEDV

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 ¹⁾
Lifespan L80/B10 at 25 °C	100000 h ¹⁾
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	79000 h

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

Emergency lighting

Luminous flux in emergency operation mode	
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Certificates & 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
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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 1	257 mm x 257 mm x 139 mm	1910.00 g	9.18 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

DISCLAIMER

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