PRODUCT DATASHEET
UB WALL VARIO SQ P 29W ML 82227 BK

URBAN WALL VARIO | Highly versatile, decorative wall luminaire with upward and/or downward light emission, for outdoor use



Areas of application

- Outdoor use (IP65)
- Wall mounting
- Facade lighting
- Hotel entrance area
- Pathway lighting
- Commercial, industrial and residential areas

Product benefits

- Highly versatile luminaire with all-in-one feature-set to serve many lighting tasks
- Great industrial design thanks to its closed and sleek design
- Durable and robust made from high-quality materials, suitable for outdoor use, even in harsh environmental conditions
- Selectable lumen steps and dimming via daylight detection (not DALI types)

Product features

- Multi Color: 2 different color temperatures selectable via integrated switch
- Multi Lumen: selectable power in 3 steps (100 %, 70 %, 50 %) via integrated switch (On/Off-versions)
- Day/night sensor: Automatic switching on and off via daylight detection (On/Off-versions)
- Selectable light emission (upward and/or downward) via integrated switch
- Beam angle select via interchangeable reflectors: wide beam 55° (pre-installed) / narrow beam 30° (accessory included)
- Type of protection: IP65
- Corrosion resistance C4 based on 1,000 hours salt mist spray test
- Integrated breather for preventing condensation inside the luminaire
- Available in housing colors: grey (like RAL7022) and black (like RAL9017)

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TECHNICAL DATA

Electrical data

Nominal wattage	29 W / 22 W / 14.5 W [1)]
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	135.000 mA
Inrush current	40.6 A
Inrush current time T_{h50}	3.5 µs
Max. number of luminaires per miniature circuit breaker B16	18
Max. number of luminaires per miniature circuit breaker C10	14
Max. number of luminaires per miniature circuit breaker C16	23
Power factor λ	> 0.9
Maximum total harmonic distortion	< 20 %
Protection class	I
Surge capability (L-N)	1000 V
Operating mode	Electronic control gear (ECG)

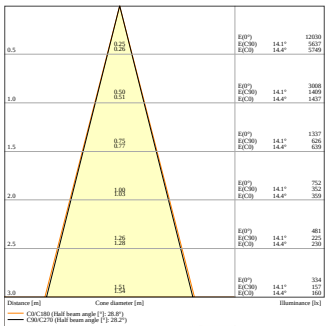
1) For possible options refer to lumen/power table image

Photometrical data

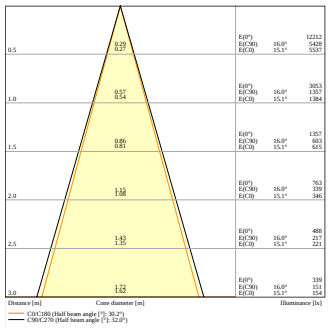
Luminous flux	2600 lm / 2040 lm / 1370 lm [1)]
Luminous efficacy	90 lm/W / 93 lm/W / 94 lm/W [1)]
Color temperature	2200 K / 2700 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤3 sdcm
Luminous intensity	1780 cd
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	55 °

1) For possible options refer to lumen/power table image

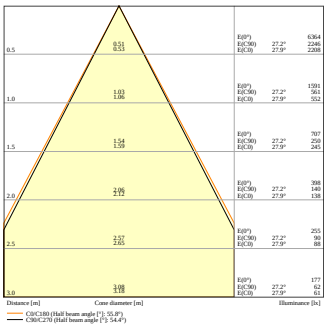
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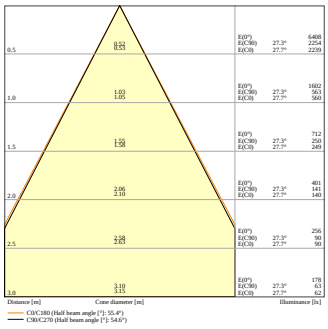
UB WL VARIO SQ 29W ML 822 BK 30D Down



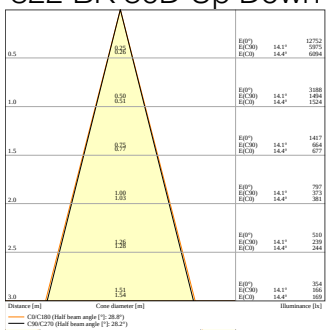
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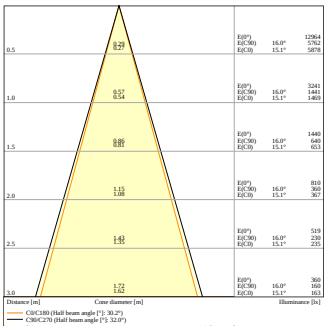
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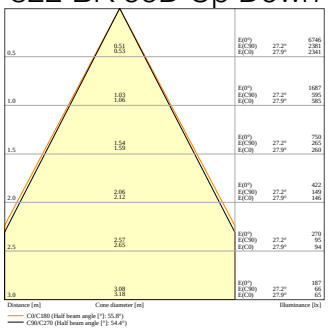
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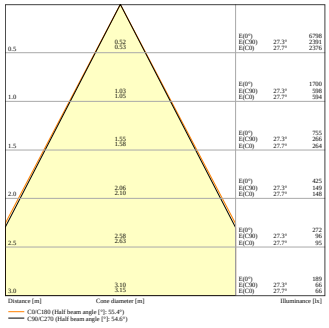
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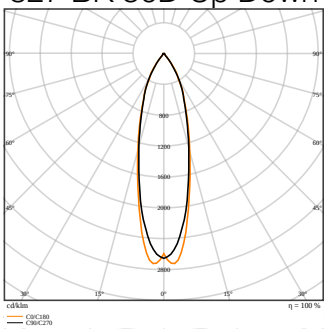
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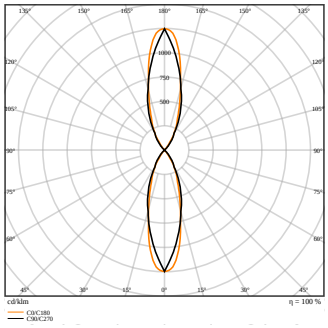
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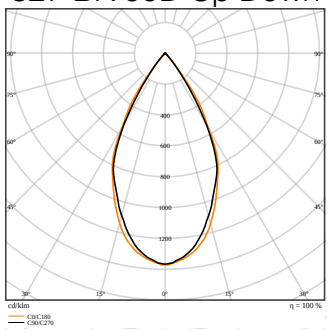
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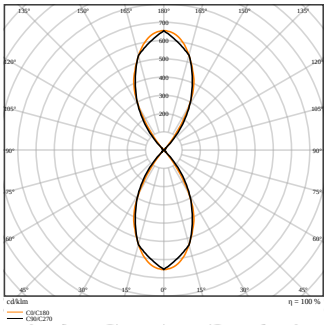
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UB WL VARIO SQ 29W ML 822 BK 30D Up Down

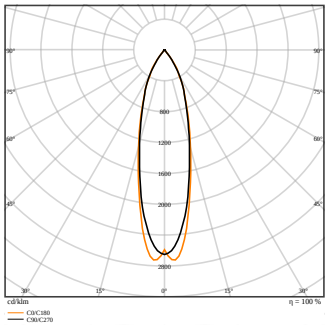


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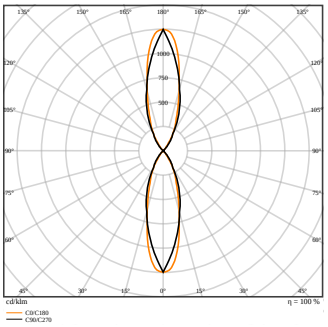


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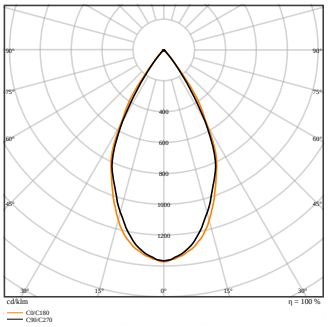
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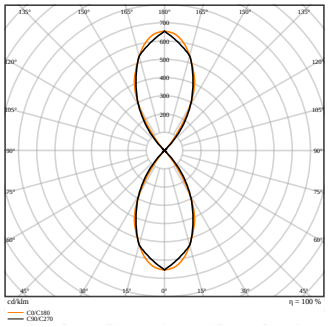
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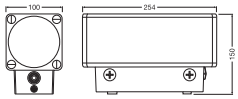
Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
29 W	2700 K	2600 lm	90 lm/W
29 W	2200 K	2450 lm	84 lm/W
22 W	2700 K	2040 lm	93 lm/W
22 W	2200 K	1930 lm	88 lm/W
14.5 W	2700 K	1370 lm	94 lm/W
14.5 W	2200 K	1300 lm	90 lm/W

Dimensions & Weight

Length	150.00 mm
Width	100.00 mm
Height	250.00 mm
Product weight	2700.00 g

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UB WALL VARIO SQ P

Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9017
Body material	Aluminum
Cover material	Tempered glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-40…+45 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Corrosion resistance class acc. to EN 12944	C4
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Outdoor
Mounting height	
With light source	Yes
Replaceable light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	109000 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	100000 h [1)]
Number of switching cycles	100000

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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	700 mA

Sensor

Type of sensor	Photocell
Sensor technology	Photocell

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE / UKCA / ENEC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00086-V01.01-EN
Replaceable light source (EPREL)	Only by an expert

Additional product data

Added function	MULTI LUMEN / MULTI COLOR

EQUIPMENT / ACCESSORIES

- Interchangeable reflectors with narrow beam angle (30°) are 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
PDF	User instruction / safety instructions	G11245508 URBAN WALL VARIO
PDF	Legal information	Safety Insert G11205497
PDF	Legal information	G11251185_LI_MF_T

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	Documents and certificates	Document name
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	G11260315_LSI INSERT_UB WALL VARIO
PDF	Declarations of conformity	URBAN WALL VARIO
PDF	Declarations of conformity UKCA	URBAN WALL VARIO
PDF	EPD	EPD EN URBAN WALL VARIO

	Photometric and lighting design files	Document name
IES	IES file (IES)	UB WL VARIO SQ 29W ML 822 BK 30D Down
IES	IES file (IES)	UB WL VARIO SQ 29W ML 822 BK 30D Up Down
IES	IES file (IES)	UB WL VARIO SQ 29W ML 822 BK 55D Down
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IES	IES file (IES)	UB WL VARIO SQ 29W ML 827 BK 30D Down
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IES	IES file (IES)	UB WL VARIO SQ 29W ML 827 BK 55D Up Down
LDT	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 822 BK 30D Down
LDT	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 822 BK 30D Up Down
LDT	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 822 BK 55D Down
LDT	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 822 BK 55D Up Down
LDT	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 827 BK 30D Down

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	Photometric and lighting design files	Document name
	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 827 BK 30D Up Down
	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 827 BK 55D Down
	LDT file (Eulumdat)	UB WL VARIO SQ 29W ML 827 BK 55D Up Down
	UGR file (UGR table)	UB WL VARIO SQ 29W ML 822 BK 30D Down
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	UGR file (UGR table)	UB WL VARIO SQ 29W ML 822 BK 55D Down
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	UGR file (UGR table)	UB WL VARIO SQ 29W ML 827 BK 30D Down
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	UGR file (UGR table)	UB WL VARIO SQ 29W ML 827 BK 55D Down
	UGR file (UGR table)	UB WL VARIO SQ 29W ML 827 BK 55D Up Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 822 BK 30D Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 822 BK 30D Up Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 822 BK 55D Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 822 BK 55D Up Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 827 BK 30D Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 827 BK 30D Up Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 827 BK 55D Down
	Light distribution curve type cone	UB WL VARIO SQ 29W ML 827 BK 55D Up Down

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	Photometric and lighting design files	Document name
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 822 BK 30D Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 822 BK 30D Up Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 822 BK 55D Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 822 BK 55D Up Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 827 BK 30D Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 827 BK 30D Up Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 827 BK 55D Down
	Light distribution curve type polar	UB WL VARIO SQ 29W ML 827 BK 55D Up Down

	CAD/BIM files	Document name
	CAD STEP 3D	UB WALL VARIO SQ

	Tender texts	Document name
	Tender documents	URBAN WALL VARIO SQ P 29W ML 82227 BK-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659768	Folding box 1	146 mm x 192 mm x 366 mm	3056.00 g	10.26 dm^3
4099854659775	Shipping box 4	398 mm x 305 mm x 394 mm	12987.00 g	47.83 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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