

PRODUCT DATASHEET

UB WALL VARIO RD 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
- Energy efficient thanks to selectable power steps and 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)

TECHNICAL DATA

Electrical data

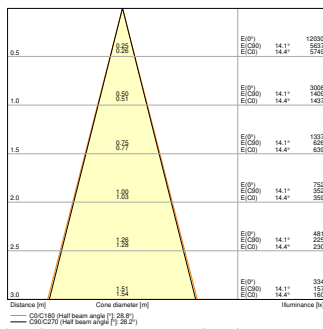
Nominal wattage	29 W / 22 W / 14.5 W ¹⁾
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	135.000 mA
Inrush current	40.6 A
Inrush current time T _{h50}	3.5 µs
Max. number of luminaires per miniature circuit breaker B16	18
Max. number of luminaires per miniature circuit breaker C10	14
Max. number of luminaires per miniature circuit breaker C16	23
Power factor λ	> 0.9
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

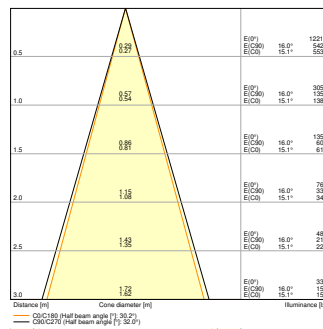
Photometrical data

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 sdcn
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 °

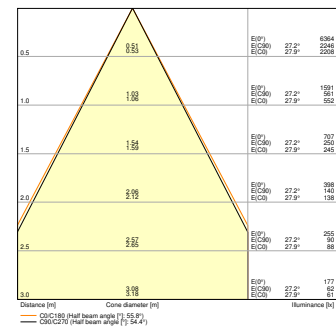
¹⁾ For possible options refer to lumen/power table image



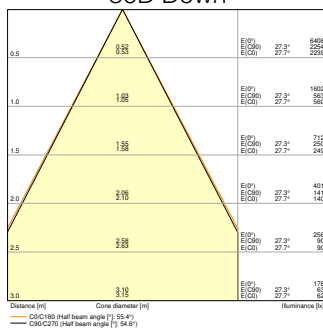
UB WL VARIO RD 29W ML 822 BK
30D Down



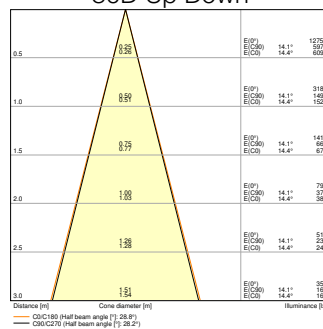
UB WL VARIO RD 29W ML 822 BK
30D Up Down



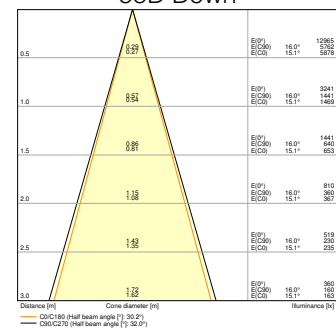
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55D Down



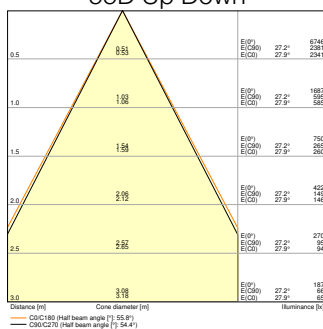
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55D Up Down



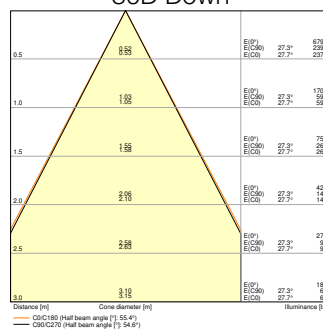
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30D Down



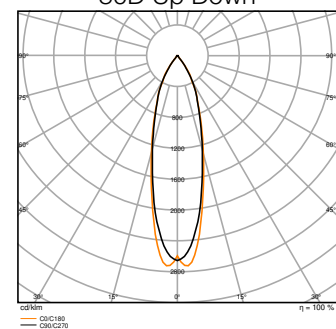
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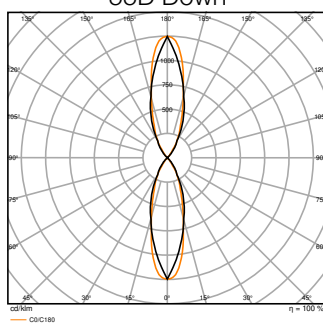
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55D Up Down



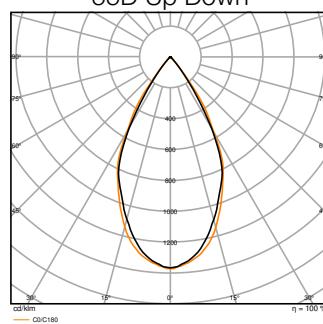
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30D Up Down



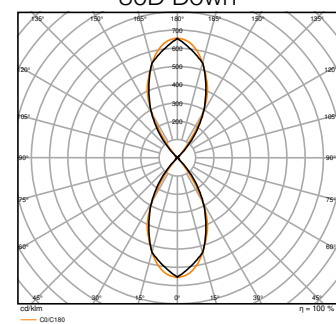
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30D Up Down



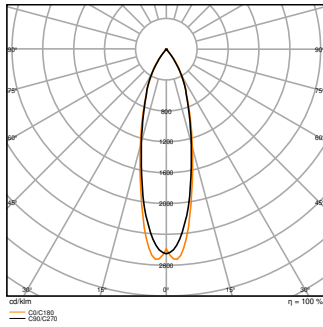
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30D Up Down



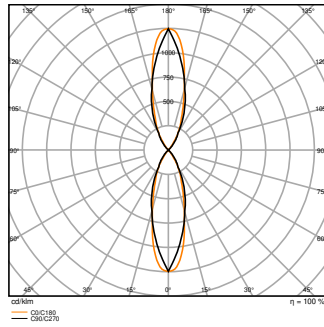
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55D Down



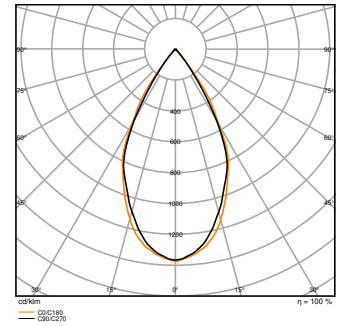
UB WL VARIO RD 29W ML 822 BK
55D Up Down



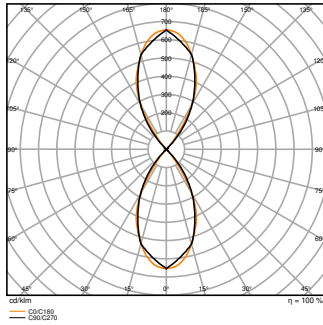
UB WL VARIO RD 29W ML 827 BK
30D Down



UB WL VARIO RD 29W ML 827 BK
30D Up Down



UB WL VARIO RD 29W ML 827 BK
55D Down



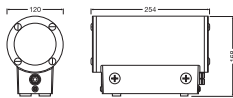
UB WL VARIO RD 29W ML 827 BK
55D Up Down

Adjustable attributes

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

Dimensions & Weight

Length	168.00 mm
Width	120.00 mm
Height	250.00 mm
Product weight	2800.00 g



URBAN WALL VARIO RD

Materials & Colors

Product color	Black
Housing color	Black
RAL-Number	RAL 9017
Body material	Aluminum
Cover material	Tempered glass
Glow Wire Test according to IEC 60695-2-12	650 °C

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
With light source	Yes
Replaceable light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	109000 h ¹⁾
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	100000 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	700 mA
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Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / UKCA / ENEC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Only by an expert

Additional product data

Product remark	Available from December 2025
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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
	User instruction / safety instructions	G11245508 URBAN WALL VARIO
	Legal information	Safety Insert G11205497
	Legal information	G11251185_LI_MF_T
	Legal information	Informationstext 18 Abs 4 ElektroG
Photometric and lighting design files		Document name
	IES file (IES)	UB WL VARIO RD 29W ML 822 BK 30D Down

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

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

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659683	Folding box 1	166 mm x 211 mm x 366 mm	3213.00 g	12.82 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659690	Shipping box 4	436 mm x 345 mm x 394 mm	13752.00 g	59.27 dm³

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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