PRODUCT DATASHEET
UB WALL VARIO DA SQ P 27W 83040 BK

URBAN WALL VARIO DALI | Highly versatile, decorative DALI-2 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
- 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)
- Luminaire versions available with on-off or IoT-ready DALI-2 driver

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TECHNICAL DATA

Electrical data

Nominal wattage	27.00 W [1)]
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	120.000 mA
Inrush current	35.6 A
Inrush current time T_{h50}	2.48 µs
Max. number of luminaires per miniature circuit breaker B16	21
Max. number of luminaires per miniature circuit breaker C10	16
Max. number of luminaires per miniature circuit breaker C16	26
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)
Dimming interface	DALI-2

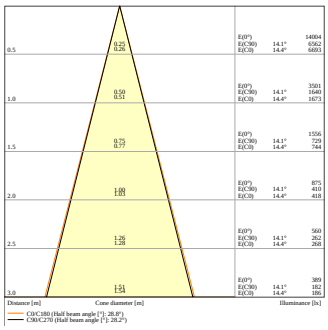
1) For possible options refer to lumen/power table image

Photometrical data

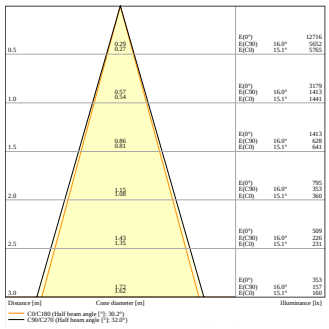
Luminous flux	2700 lm [1)]
Luminous efficacy	100 lm/W [1)]
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤3 sdcm
Luminous intensity	1850 cd
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	55 °

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

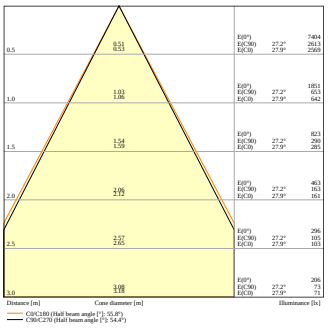
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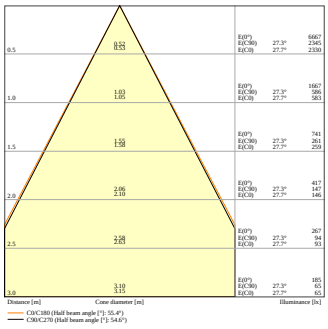
UB WL VARIO DA SQ 27W 830 BK 30D Down



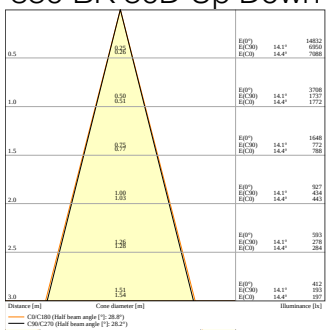
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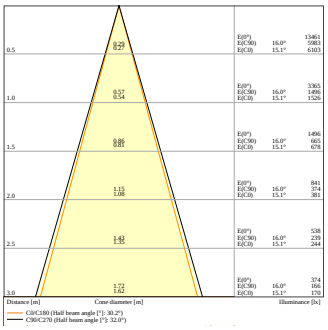
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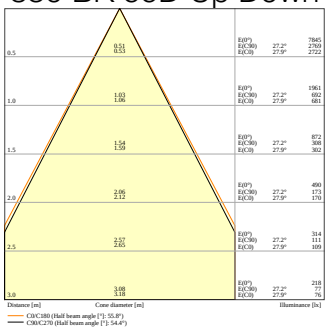
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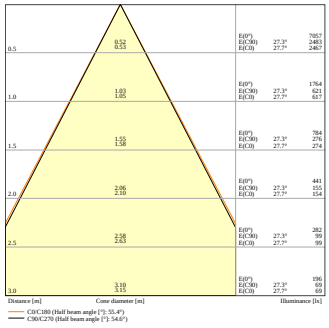
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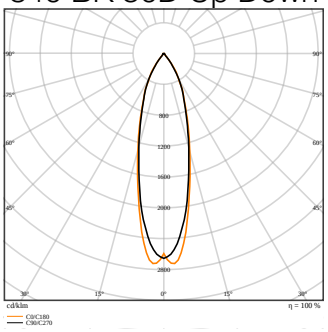
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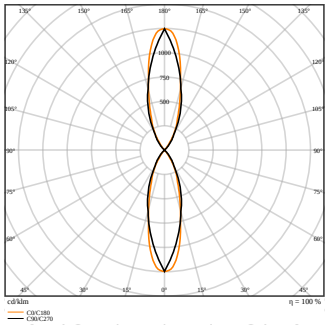
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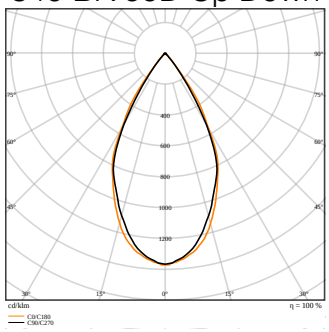
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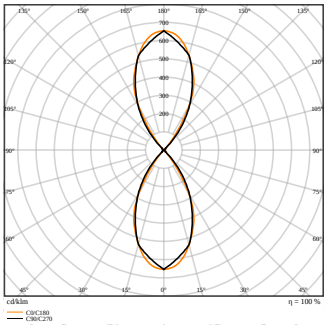
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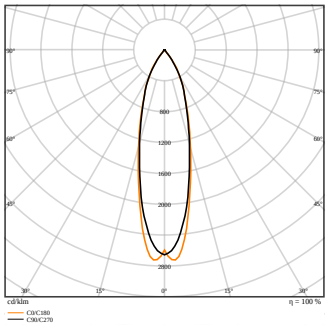


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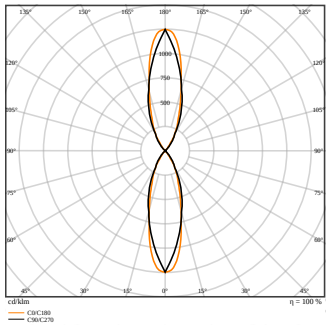


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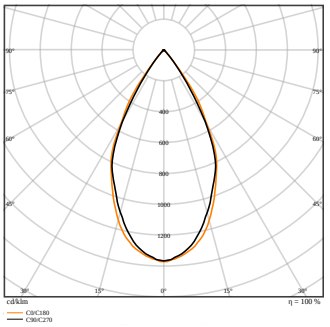
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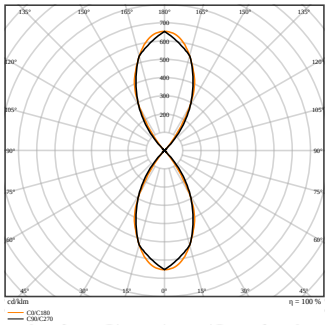
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UB WL VARIO DA SQ 27W 840 BK 30D Up Down



UB WL VARIO DA SQ 27W 840 BK 55D Down



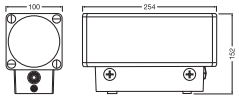
UB WL VARIO DA SQ 27W 840 BK 55D Up Down

Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
27W	4000K	2700lm	100lm/W
27W	3000K	2550lm	94lm/W

Dimensions & Weight

Length	170.00 mm
Width	120.00 mm
Height	254.00 mm
Product weight	2550.00 g



UB WALL VARIO DA SQ P

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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	-20…+45 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 5-Pole (L, N, PE, DA+, DA-)
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Corrosion resistance class acc. to EN 12944	C4
Dimmable	Yes
Type of dimming	DALI-2
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	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	100000 h [1)]
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

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 COLOR / VIVARES

Components for light control

Components Light Control

Product image	Product name	EAN
	MANUAL CONTROL UNIT GROUP DALI-2 TW	4099854748691
	MANUAL CONTROL UNIT SELECT DALI-2	4058075837485
	MANUAL CONTROL UNIT SELECT DALI-2 TW	4058075837508
	MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW	4058075837522
	MANUAL CONTROL UNIT TOUCH DALI-2 TW	4058075837560
	MANUAL CONTROL UNIT TOUCH DALI-2	4058075837546

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Product image	Product name	EAN
	PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075837584
	PUSH CONTROL UNIT FM DALI-2 DIM	4099854846922
	SURFACE MOUNT FRAME	4058075843561
	PUSHBUTTON COUPLER DALI-2	4058075837607
	FLEX CONTROL UNIT IOT DALI-2 HCL TW	4058075841888
	FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075841901
	FLEX CONTROL UNIT DALI-2 TW	4058075843844
	FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW	4058075841925
	SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION	4058075837621
	SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6	4099854748714
	SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION	4058075841949

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Product image	Product name	EAN
	SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION	4058075843868
	SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING	4058075843882
	HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING	4058075857537
	DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM	4058075843905
	RELAY DALI-2 RAIL MOUNTING	4099854709159
	RELAY DALI-2 CEILING MOUNTING	4099854709135
	REPEATER DALI-2 RAIL MOUNTING	4099854709111
	REPEATER DALI-2 CEILING MOUNTING	4099854709098

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.

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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	G11251403_LI_MG_T
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
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 DA SQ 27W 830 BK 30D Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 830 BK 30D Up Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 830 BK 55D Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 830 BK 55D Up Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 840 BK 30D Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 840 BK 30D Up Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 840 BK 55D Down
IES	IES file (IES)	UB WL VARIO DA SQ 27W 840 BK 55D Up Down
LDT	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 830 BK 30D Down
LDT	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 830 BK 30D Up Down
LDT	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 830 BK 55D Down

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	Photometric and lighting design files	Document name
	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 830 BK 55D Up Down
	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 840 BK 30D Down
	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 840 BK 30D Up Down
	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 840 BK 55D Down
	LDT file (Eulumdat)	UB WL VARIO DA SQ 27W 840 BK 55D Up Down
	UGR file (UGR table)	UB WL VARIO DA SQ 27W 830 BK 30D Down
	UGR file (UGR table)	UB WL VARIO DA SQ 27W 830 BK 30D Up Down
	UGR file (UGR table)	UB WL VARIO DA SQ 27W 830 BK 55D Down
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	UGR file (UGR table)	UB WL VARIO DA SQ 27W 840 BK 55D Down
	UGR file (UGR table)	UB WL VARIO DA SQ 27W 840 BK 55D Up Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 830 BK 30D Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 830 BK 30D Up Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 830 BK 55D Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 830 BK 55D Up Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 840 BK 30D Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 840 BK 30D Up Down

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	Photometric and lighting design files	Document name
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 840 BK 55D Down
	Light distribution curve type cone	UB WL VARIO DA SQ 27W 840 BK 55D Up Down
	Light distribution curve type polar	UB WL VARIO DA SQ 27W 830 BK 30D Down
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	Light distribution curve type polar	UB WL VARIO DA SQ 27W 840 BK 30D Down
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	Light distribution curve type polar	UB WL VARIO DA SQ 27W 840 BK 55D Down
	Light distribution curve type polar	UB WL VARIO DA SQ 27W 840 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 DALI SQ P 27W 83040 BK-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854659881	Folding box 1	146 mm x 192 mm x 366 mm	2906.00 g	10.26 dm^3
4099854659898	Shipping box 4	398 mm x 305 mm x 394 mm	12387.00 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.

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References / Links

– For Guarantee see www.ledvance.com/guarantee

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