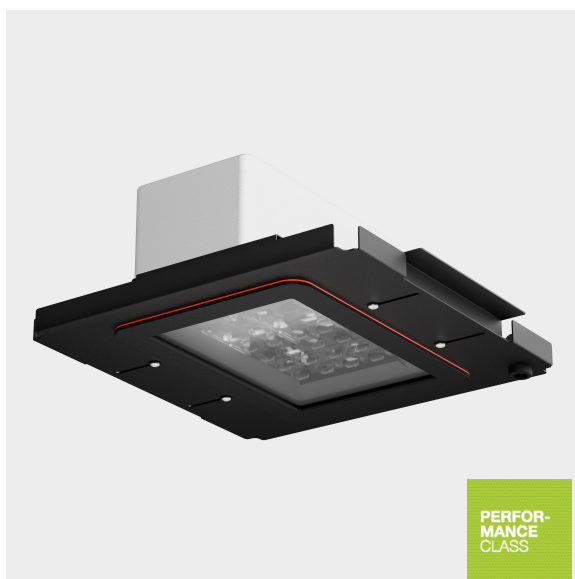


# PRODUCT DATASHEET

## URBAN VLA RET P 40W 730 A50X150

URBAN VILLA RETROFIT ASYMMETRIC | Luminaire with asymmetric light distribution



### Areas of application

- Outdoor use (IP66)
- Parks
- City center
- Historical center

### Product benefits

- Durable design and highest quality component selection for long lasting performance
- Quick and easy wiring, due to tool-free housing opening and push button terminal
- High light uniformity
- 2 light colors available, perfectly suited to illuminate highly diverse surroundings

### Product features

- Very long lifetime (L70): up to 100,000 h (at 25 °C)
- 1000 hours salt mist spray test
- Corrosion-resistant powder coating
- DALI D4i drivers for smart city applications
- Operating temperature: -20...45 °C
- High surge protection: up to 20 kV (L/N-GND)
- Type of protection: IP66
- Protection class: II



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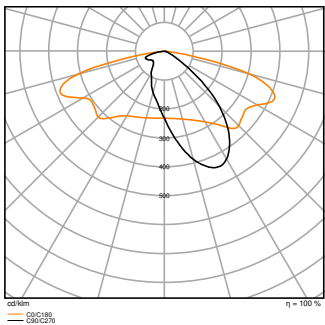
## TECHNICAL DATA

### Electrical data

|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 40.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 179.000 mA            |
| Inrush current                                              | 18.7 A                |
| Inrush current time $T_{h50}$                               | 830 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 7                     |
| Max. number of luminaires per miniature circuit breaker C10 | 8                     |
| Max. number of luminaires per miniature circuit breaker C16 | 12                    |
| Power factor $\lambda$                                      | > 0.90                |
| Total harmonic distortion                                   | < 20 %                |
| Protection class                                            | II                    |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

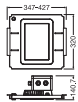
|                                              |                      |
|----------------------------------------------|----------------------|
| Luminous flux                                | 5200 lm              |
| Luminous efficacy                            | 130 lm/W             |
| Color temperature                            | 3000 K               |
| Light color (designation)                    | Warm White           |
| Color rendering index Ra                     | > 70                 |
| Standard deviation of color matching         | < 6 sdc <sub>m</sub> |
| Low flicker                                  | Yes                  |
| Flickering metric (Pst LM)                   | <1                   |
| Stroboscope effect metric (SVM)              | <0.4                 |
| Photobiological safety group acc. to EN62778 | RG1                  |
| Photobiological safety group acc. to EN62471 | RG1                  |
| Beam angle                                   | 50° x 150 °          |



URBAN VLA RET P 40W 730  
A50X150

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 320.00 mm |
| Width          | 320.00 mm |
| Height         | 134.00 mm |
| Product weight | 4350.00 g |



URBAN VLA RET P

Materials & Colors

|                                            |        |
|--------------------------------------------|--------|
| Product color                              | Black  |
| Housing color                              | Black  |
| Body material                              | Steel  |
| 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           | Screw terminal |
| Type of protection           | IP66           |

|                                        |          |
|----------------------------------------|----------|
| Protection class IK (shock resistance) | IK08     |
| Dimmable                               | No       |
| Mounting type                          | Post top |
| Mounting location                      | Pole     |
| 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               |
| Number of switching cycles | 50000                  |

<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              | 200...1050 mA |
| ECG - Output ripple current | 5 %           |

### Certificates & Standards

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

### Additional product data

|                |                               |
|----------------|-------------------------------|
| Product remark | Available from September 2025 |
|----------------|-------------------------------|

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                      |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|  | User instruction / safety instructions | URBAN VLA RET P                    |
|  | Legal information                      | Safety Insert G11218810            |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |

| Documents and certificates                                                       |                                     | Document name                   |
|----------------------------------------------------------------------------------|-------------------------------------|---------------------------------|
|  | Declarations of conformity          | URBAN module                    |
|  | Declarations of conformity UKCA     | URBAN module                    |
| Photometric and lighting design files                                            |                                     | Document name                   |
|  | IES file (IES)                      | URBAN VLA RET P 40W 730 A50X150 |
|  | LDT file (Eulumdat)                 | URBAN VLA RET P 40W 730 A50X150 |
|  | Light distribution curve type polar | URBAN VLA RET P 40W 730 A50X150 |
| CAD/BIM files                                                                    |                                     | Document name                   |
|  | CAD STEP 3D                         | URBAN VLA RET                   |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854609398 | Shipping box<br>1            | 387 mm x 352 mm x 195 mm             | 5282.00 g    | 26.56 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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