

3584 - Volo - street - High Performance

Code: 424640-39



What makes a city truly beautiful? Of course, its monuments and architectural masterpieces play a key role, but the liveability of its spaces must also be considered. A beautiful city is a nice, interesting place to live in by day as well as by night. This is why, urban decor and especially lighting fixtures play an increasingly important role in big and small cities that want to renovate and keep up with modern times.

With the new LED lighting systems, urban decor becomes the most complete expression of the new idea of city: eco-friendly with more spaces for pedestrians and cyclists and that is safer and more enjoyable even during the evenings.

The new LED version of Volo, one of Disano's most popular products for urban amenities combines the performance of the latest LED technology with the characteristics of solidity and reliability, which have always distinguished this product.

The basic design, which fully meets all technical needs, starting with the containment of lighting pollution, does not exclude the possibility to create original and innovative projects. This is why, Volo LED is also available with new surface colours (light blue and pearl), capable of giving character and prestige to the lighting system.

It has a definitely stimulating design, but above all, it ensures high quality lighting. Latest generation high-efficiency LED sources in fact create a pleasant evening environment, conveying a sense of safety and great visual comfort, also thanks to a very low flicker level.

The optics, which have always been one of greatest strengths of all Disano lighting products are of different types in order to best use Volo LED in different urban routes (vehicle traffic, cycle lanes, pedestrian areas) as well as in residential zones.

LED sources, high-quality materials and components, combined with the manufacturer's great expertise, are the true guarantee of long life cycle.

It is a perfect example of Made in Italy excellence, designed to make cities around the world more beautiful.



GENERAL INFORMATION

|         |   |
|---------|---|
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DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 695 mm |
| Width (mm)  | 360 mm |
| Height (mm) | 132 mm |
| Weight (Kg) | 5.5 kg |

INSTALLATION

|                                     |                           |
|-------------------------------------|---------------------------|
| Diameter (Ø) of pole connector (mm) | 60-60 mm                  |
| Surface exposed to wind (mm)        | L 51800 mm², F 146100 mm² |

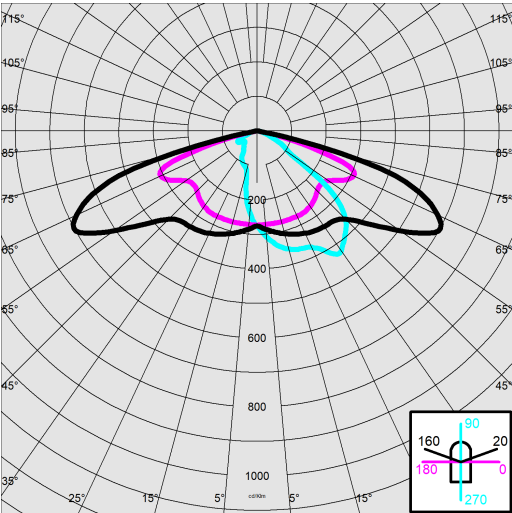
ELECTRICAL CHARACTERISTICS AND CONTROLS

|                                     |             |
|-------------------------------------|-------------|
| Voltage type                        | AC          |
| Min Voltage (V)                     | 220 V       |
| Max Voltage (V)                     | 240 V       |
| Min Frequency (Hz)                  | 50 Hz       |
| Max Frequency (Hz)                  | 60 Hz       |
| Frequency (Hz)                      | 50 Hz       |
| Wiring name                         | CLD         |
| Power factor                        | ≥0.9        |
| Surge protector (common) (EN 61547) | 6 kV, 10 kV |
| Insulation class                    | Class II    |
| Controllability                     | None        |

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PHOTOMETRIC DATA



|                              |  |
|------------------------------|--|
| Lighting source              | LED  |
| CRI                          | 70   |
| Luminous flux (output) (lm)  | 4335 lm  |
| Power absorption (total) (W) | 27 W   |
| CCT                          | 3000 K   |
| Luminous efficacy (lm/W)     | 161 lm/W   |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance         | 100000 hr, L 90, B 10  |

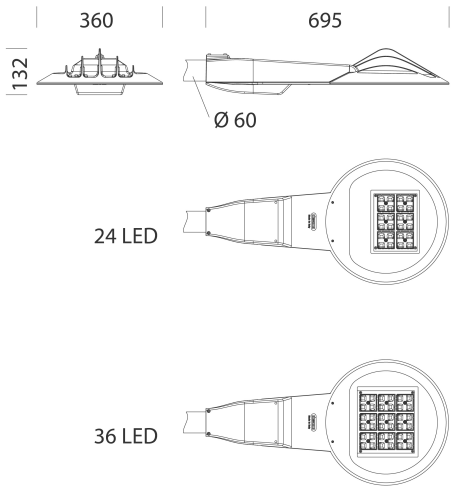
MECHANICAL CHARACTERISTICS

|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK08   |
| IP                            | 66     |
| Ambient temperature - min     | -30 °C |
| Ambient temperature - max     | 40 °C  |

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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions volo 03-23.pdf

DESIGNS

BIM 3584 Volo 05-25.zip

TechnicalDrawing 3584.dxf



|                                |  |
|--------------------------------|--|
| Housing                        | in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins integrated in the cover.  |
| Optics                         | in high-performance PMMA resistant to high temperatures and UV rays.   |
| Diffuser                       | tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).   |
| Heat sink                      | the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.  |
| Pole connection                | die-cast aluminium. For poles with a diameter of 60 mm.  |
| Coating                        | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.   |
| Special coating (UPON REQUEST) | Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.   |
| Colour                         | Graphite   |
| Equipment                      | <ul style="list-style-type: none"><li>- waterproof connector for quick installation with no need to open the fixture.</li><li>- anti-condensation valve.</li><li>- temperature controller with auto-reset.</li><li>- EN 61547 compliant surge protection.</li><li>- CLD PROG built-in functions.</li></ul> |

STANDARDS AND COMPLIANCE

|                              |  |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr   |
| Markings and tests           | CE, ENEC   |
| Reference standards          | EN60598-1. With degree of protection according to EN60529. |
| Energy Label                 | C  |

GEAR

|              |  |
|--------------|--|
| Upon request | <ul style="list-style-type: none"><li>- Nema Socket, to be ordered with subcode 40 (wall cap to be ordered separately)</li><li>- Zhaga Socket, to be ordered with subcode 0054 (supplied with cap)</li></ul> |
|--------------|--|

WARRANTY

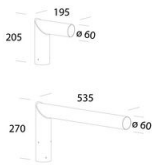
|                      |      |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|

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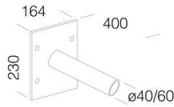
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405 Adjustable Connection



205 Mast-top mount



248 Wall mount