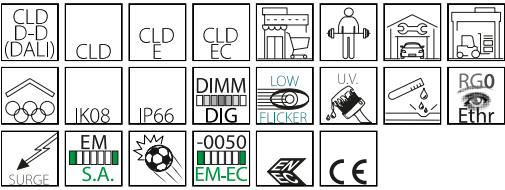


2920 - Astro Q MINI - 70° - UGR<22

Code: 380030-0041



Disano introduces the latest addition to its Astro Q series, luminaires specially designed for the industrial lighting sector. This more compact version delivers top-tier quality, making the transition to LED lighting seamless and efficient. Mini Astro Q is a tribute to the green economy that boosts business productivity.

With its impeccable design that balances form and technical performance, Mini Astro Q is an outstanding choice for both new and relamping projects. Replacing outdated lighting systems with the new Mini Astro Q offers remarkable energy savings, enabling a rapid return on investment while delivering significant benefits beyond just cost efficiency. The light quality of next-generation LEDs enhances every application. For example, in workplaces, they ensure improved brightness and superior colour rendering increasing safety and productivity, while advanced low flicker and glare-free technology protects the visual well-being of workers.

Available in different wattages, Mini Astro Q is equipped with a variety of beam angles (narrow, wide or elliptical) that ensure precise control of the light, providing illumination only where it is needed, with no waste or dispersion.

Moreover, the luminaire is designed and manufactured to withstand demanding environmental conditions, such as temperature fluctuations and vibrations, making it ideal for use in high-duty production or logistics environments.

Mini Astro Q ensures a long service life, thanks to its high-quality materials and built-in surge protection devices.



GENERAL INFORMATION

|         |                                    |
|---------|------------------------------------|
| Article | 2920 - Astro Q MINI - 70° - UGR<22 |
| Code    | 380030-0041                        |

DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 490 mm |
| Width (mm)  | 400 mm |
| Height (mm) | 55 mm  |
| Weight (Kg) | 5 kg   |

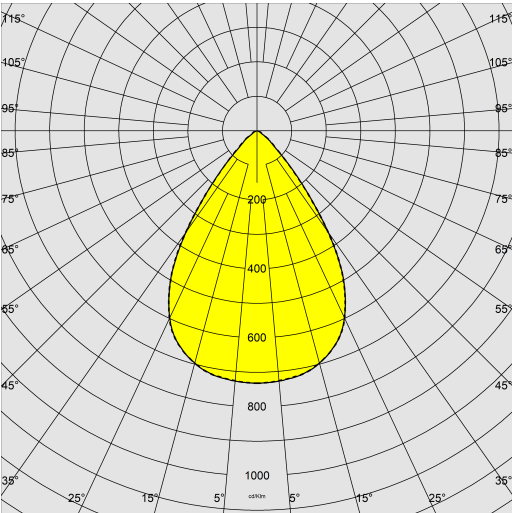
ELECTRICAL CHARACTERISTICS AND CONTROLS

|                                     |                        |
|-------------------------------------|------------------------|
| 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-D-D                |
| Control interface                   | DALI                   |
| Power factor                        | ≥0.95                  |
| Surge protector (common) (EN 61547) | 6 kV, 6 kV             |
| Insulation class                    | Class I                |
| Controllability                     | Yes (External control) |

2920 - Astro Q MINI - 70° - UGR<22

Code: 380030-0041

PHOTOMETRIC DATA



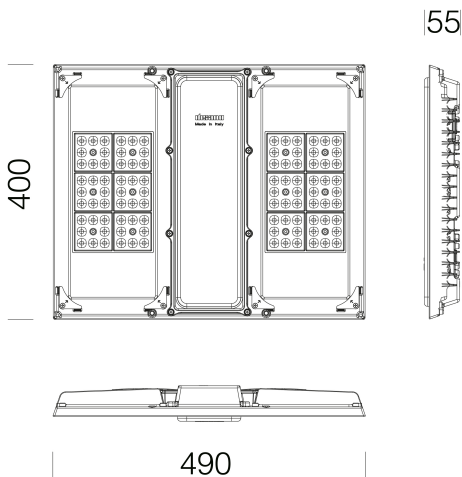
|                                                                                          |                                                                                      |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Lighting source                                                                          | LED                                                                                  |
| CRI                                                                                      | 80                                                                                   |
| Luminous flux (output) (lm)                                                              | 16632 lm                                                                             |
| Power absorption (total) (W)                                                             | 90 W                                                                                 |
| CCT                                                                                      | 4000 K                                                                               |
| Luminous efficacy (lm/W)                                                                 | 185 lm/W                                                                             |
| Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5) | UGR<22, according to standard EN 12464.                                              |
| Low Flicker                                                                              | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Colour consistency                                                                       | SDCM3                                                                                |
| Beam angle                                                                               | 70 °                                                                                 |
| LED flux maintenance                                                                     | 100000 hr, L 90, B 10                                                                |

MECHANICAL CHARACTERISTICS

|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK08   |
| IP                            | 66     |
| Ambient temperature - min     | -40 °C |
| Ambient temperature - max     | 70 °C  |

2920 - Astro Q MINI - 70° - UGR<22

Code: 380030-0041



DOWNLOAD

MOUNTS

AssemblyInstructions astro q mini 03-25.pdf

DESIGNS

BIM 2920 Astro Q MINI 03-25.zip

TechnicalDrawing 292x.dxf



MATERIALS AND COLOURS

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing                     | in die-cast aluminium with 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.                                                                                                                                                                                                                                                                     |
| Coating                     | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Anthracite = RAL 7021                                                                                                                                                                                                                                                                         |
| Colour                      | Anthracite                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Equipment                   | <ul style="list-style-type: none"><li>-waterproof connector for quick installation with no need to open the fixture</li><li>-temperature controller with auto-reset</li><li>-EN 61547 compliant surge protection.</li><li>-As standard it comes with a programmable driver that regulates the supply current (to be requested separately from our sales office) to incorporate energy efficiency into any design.</li></ul> |
| Registered Design DM/100271 |                                                                                                                                                                                                                                                                                                                                                                                                                             |

EMERGENCY LIGHTING

|                             |             |
|-----------------------------|-------------|
| Emergency power supply type | Not present |
|-----------------------------|-------------|

STANDARDS AND COMPLIANCE

|                              |                                                                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Photobiological safety class | RG0 Ethr                                                                                                                                                                                                               |
| Markings and tests           | CE, ENEC                                                                                                                                                                                                               |
| Reference standards          | EN60598-1. They have a degree of protection according to the EN60529 standard.<br>Version -0050: device designed for power supply with centralized emergency system (AC/DC) in accordance with standard EN 60598-2-22. |
| Energy Label                 | C                                                                                                                                                                                                                      |

GEAR

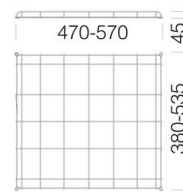
|              |                                                                                                                                                                                                                                                                                                                                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensors      |                                                                                                                                                                                                                                                                                                                                            |
| Upon request | <ul style="list-style-type: none"><li>-Class II fixtures, protection up to 10KV.</li><li>-Centralized lighting point control or via external presence/lighting sensors.</li><li>-Version for spaces with a high concentration of particular volatile chemicals around the luminaires.</li><li>6500K LED version (subcode -0083).</li></ul> |

WARRANTY

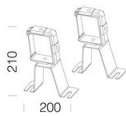
|                      |      |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|

2920 - Astro Q MINI - 70° - UGR<22

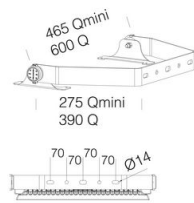
Code: 380030-0041



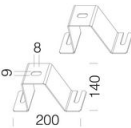
36 Protection grid



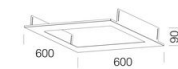
37 Busbar bracket



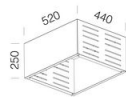
38 Wall bracket



39 Ceiling bracket



44 Telaio per incasso - astro Q mini



45 Frame ceiling fixture - Astro Q Mini