# 960 - Hydro LED - Money Saving

Code: 164755-00

Disano Group's vast technological experience in the design and industrial production of lighting fixtures has led to the development of its new range of watertight LED fixtures. New Hydro LED is characterised by a modern design that blends well into any setting.

## GENERAL INFORMATION

| | |
|---|---|
| Article | 960 - Hydro LED - Money Saving |
| Code | 164755-00 |

## DIMENSIONS AND WEIGHT

| | |
|---|---|
| Length (mm) | 1260 mm |
| Width (mm) | 120 mm |
| Height (mm) | 102 mm |
| Weight (Kg) | 1.9 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 |
| Power factor | ≥0.95 |
| Insulation class | Class I |
| Controllability | None |



*Please contact the Consulting and Design Centre for any technical information. The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The total wattage absorbed by the system will not exceed 10% of the reported value. Technical lighting data may be subject to changes and improvements due to the fast evolution of the technology. Wednesday, March 5, 2025*

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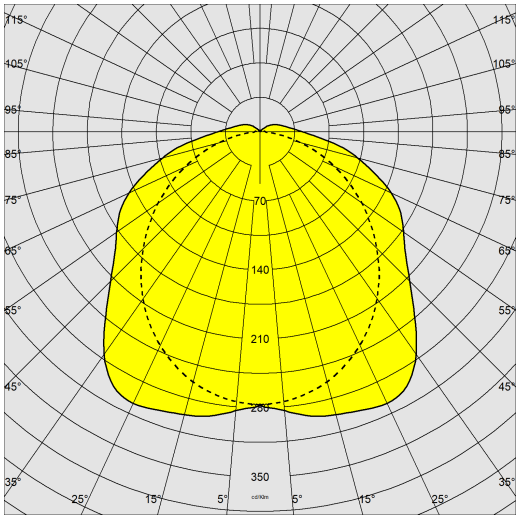


**PHOTOMETRIC DATA**

| | |
|---|---|
| Lighting source | LED |
| CRI | ≥80 |
| Luminous flux (output) (lm) | 6886 lm |
| Power absorption (total) (W) | 47 W |
| CCT | 4000 K |
| Luminous efficacy (lm/W) | 147 lm/W |
| Low Flicker | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance | 80000 hr, L 80, B 10 |

**MECHANICAL CHARACTERISTICS**

| | |
|---|---|
| Impact resistance rating (IK) | IK10 |
| IP | 66 |
| Ambient temperature - min | -30 °C |
| Ambient temperature - max | 40 °C |



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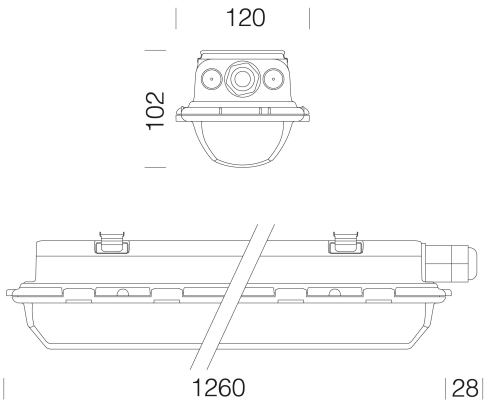


**DOWNLOAD**

MOUNTS

**AssemblyInstructions hydro - thema 12-23.pdf**

DESIGNS

**BIM 960 Hydro LED - Money Saving.zip**

**TechnicalDrawing 960-24.dxf**

**MATERIALS AND COLOURS**

| | |
|---|---|
| Housing | injection-moulded, made of grey RAL 7035 polycarbonate, shatterproof, UV-stabilised, with high mechanical strength thanks to the structure reinforced by internal ribs. |
| Optics | galvanised steel pre-painted in oven with white polyester resin, UV-stabilised. Fastened to the body with a quick coupling by means of a device machined directly on the body. |
| Diffuser | injection-moulded in polycarbonate with internal grooves for greater light control, self-extinguishing V2, UV-stabilised, smooth outer finish to enable easy cleaning for maximum light efficiency. |
| Colour | Grey |
| Equipment | - sealing gasket in eco-friendly, anti-aging expanded polyurethane foam<br>- ceiling mounting brackets and suspension hook in stainless steel<br>- quick connector<br>- clamp and safety screws in stainless steel |
| | ATTENTION !<br>Do not install on surfaces subject to strong vibrations, outdoors on hanging cables, or on walls under metallic grates, or on poles, and in any case, never expose the fixture to direct sunlight.<br>Check the compatibility between the material constituting the product and the space where it will be installed.<br>We recommend the use of fixtures made of steel with direct exposure to sunlight. |

**STANDARDS AND COMPLIANCE**

| | |
|---|---|
| Photobiological safety class | RG0 |
| Markings and tests | CE, ENEC |
| Reference standards | EN60598-1. With degree of protection according to EN60529. The lighting fixture meets all IFS and BRC requirements, and the regulation of the HACCP Directive regarding lighting systems installed in food processing plants. |
| Laboratory Tests | - the UL 94 Standard is considered a reference for rating the ignition characteristics of plastic materials. The watertight fixtures are made of V2 class material that self-extinguishes in 25 seconds.<br>- passes the Glow Wire Test at 850 °C. |
| Energy Label | C |

**GEAR**

| | |
|---|---|
| Upon request | - narrow beam, subcode -22<br>- continuous row with connector on both ends, subcode -0072<br>- radar sensor for ON-OFF watertight fixtures, subcode -19<br>- with CLD-EC wiring for centrally powered emergency lighting, subcode -0050 |

**WARRANTY**

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



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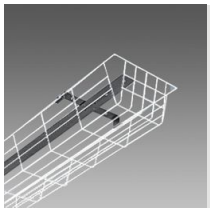

**975 Anti-impact grid**



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