

970 - Thema

Code: 164735-0041



Thema is a new lamp, which boasts the best technical features of the other waterproof fixtures in the Disano range, but with substantial differences that make it stand out from our major competitors.



GENERAL INFORMATION

|         |             |
|---------|-------------|
| Article | 970 - Thema |
| Code    | 164735-0041 |

DIMENSIONS AND WEIGHT

|             |         |
|-------------|---------|
| Length (mm) | 1260 mm |
| Width (mm)  | 120 mm  |
| Height (mm) | 102 mm  |
| Weight (Kg) | 1.8 kg  |

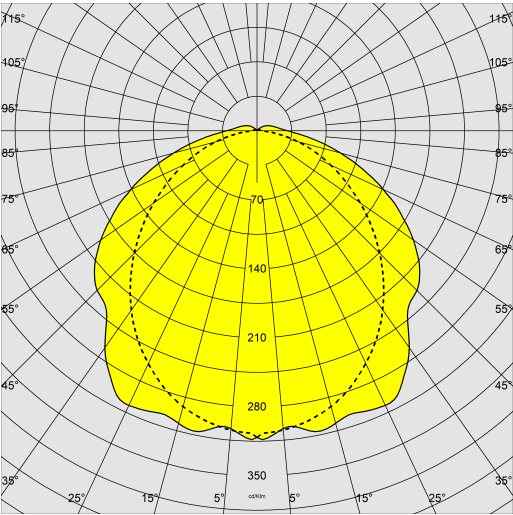
ELECTRICAL CHARACTERISTICS AND CONTROLS

|                    |                        |
|--------------------|------------------------|
| 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                  |
| Insulation class   | Class I                |
| Controllability    | Yes (External control) |

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PHOTOMETRIC DATA



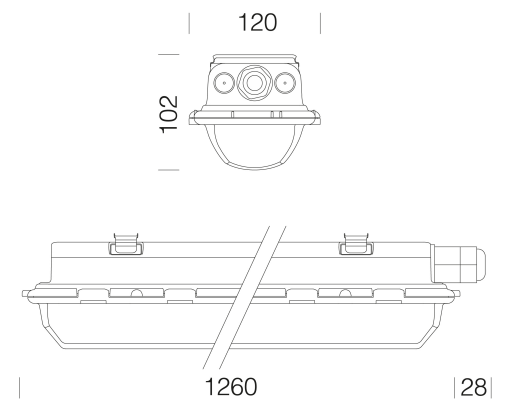
|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| Lighting source              | LED                                                                                  |
| CRI                          | >80                                                                                  |
| Luminous flux (output) (lm)  | 6862 lm                                                                              |
| Power absorption (total) (W) | 49 W                                                                                 |
| CCT                          | 4000 K                                                                               |
| Luminous efficacy (lm/W)     | 140 lm/W                                                                             |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Colour consistency           | SDCM3                                                                                |
| LED flux maintenance         | 80000 hr, L 90, 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 02-26.pdf

DESIGNS

BIM 970 09-25.zip

TechnicalDrawing 970k.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                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"><li>- sealing gasket in eco-friendly, anti-aging expanded polyurethane foam</li><li>- ceiling mounting brackets and suspension hook in stainless steel</li><li>- quick connector</li><li>- clamp and safety screws in stainless steel</li></ul> |
| <b>ATTENTION !</b><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. |                                                                                                                                                                                                                                                                                   |

EMERGENCY LIGHTING

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

STANDARDS AND COMPLIANCE

|                              |                                                                                                                                                                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Photobiological safety class | RG0                                                                                                                                                                                                                                                                                                     |
| Markings and tests           | CE, ENEC                                                                                                                                                                                                                                                                                                |
| Reference standards          | EN60598-1. With degree of protection according to EN60529.<br>The 'D' brand ceiling light is recommended for installation in environments with suspended dust or settled dust.                                                                                                                          |
| Laboratory Tests             | <ul style="list-style-type: none"><li>- 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.</li><li>- passes the Glow Wire Test at 850 °C.</li></ul> |
| Energy Label                 | C                                                                                                                                                                                                                                                                                                       |

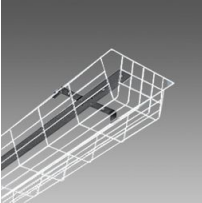
GEAR

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Upon request | <ul style="list-style-type: none"><li>- narrow beam, subcode -22</li><li>- continuous row with connector on both ends, subcode -0072</li><li>- radar sensor for ON-OFF watertight fixtures, subcode -19 (remote control cod. 81418618 to be purchased separately, that allows changing the parameters even after installation is complete and without the need to directly access the fixture).</li><li>- with CLD-EC wiring for centrally powered emergency lighting, subcode -0050</li></ul> |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

WARRANTY

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

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975 Anti-impact grid



978 Wall bracket



6036 Universal connection