STANDARD OF PRODUCTION

CPA 12
Illuminated Magnetic Frame

CRYSTAL PANEL



CPA 12 is a frame made of aluminum with an anti-reflective front, designed to highlight advertising materials. A specially designed magnet system allows for quick and easy replacement of graphics, posters, and other various promotional forms. The profile of the frame is adapted for the use of Crystal Panel LED backlighting technology, which is characterized by even light dispersion, low energy consumption, and a long lifespan.

CPA 12 frames are made according to the Customer's requirements with proven and durable components.

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THE STANDARD OF PRODUCTION INCLUDES

1. Max. Size: 1500x800 mm
2. Profile thickness: 17 mm
3. Profile colour:
   a. Standard: anodized
   b. Upon Customer's request: powder coating is available as an optional process
4. Edge shading:
   a. 25 mm at each edge for replaceable graphics.
   b. 14 mm – if the customer does not intend to place removable graphics inside the unit.
   c. Tape: self-adhesive, matt black – other colour available on request.
   d. On request: printing on the internal side of anti-reflection sheet
5. Crystal Panel LED (backlighting component):
   a. PMMA thickness: 4mm
   b. Plexiglas engraving pattern: dots
   c. LED strips – flexible of an output power:
      • 12V: 17W/running meter
      • 24V: 21W/running meter
   d. Standard white light colour temperatures:
      • 3000K, 4000K, 5000K, 6500K
      • Other colour temperatures are available upon the Customer's request
      • RGB / RGBW / Multi White strips are not possible
   e. Amount of illuminated edges:
      • UNO: LED strip installed along 1 longer edge
      • DUO - LED strip along 2 long edges
   f. Installation of the power cord
      • Cord outlet - bottom right corner, at the rear
      • Cord length 1.5 m (SMYp 2x0.35), cable colour - black
   g. Type of base: HIPS 1 mm
6. As a standard, a power cord or cords are routed out of each Crystal Panel product, depending on the design provided by the customer or the need for an additional power supply. **All power cords must be connected directly to a power supply or an installation of a power supply** adapted to the project requirements.

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7. It is not allowed to cut additional supply wires or modify the power supply system in any way without the authorisation of the manufacturer.

8. Voltage supply:
   a. Standard: 12V/24V

9. Magnetic front installation method:
   a. Magnets placed in the profile - the number of magnets used depends on the size of the frame
   b. Steel tape attached to the inner side of the PMMA XT material

10. Structural reinforcements:
   a. Added above size: 1000x600 mm
   b. Type of reinforcement: 25x2 mm flat bar
   c. The number of reinforcements depends on the size and design of the frame

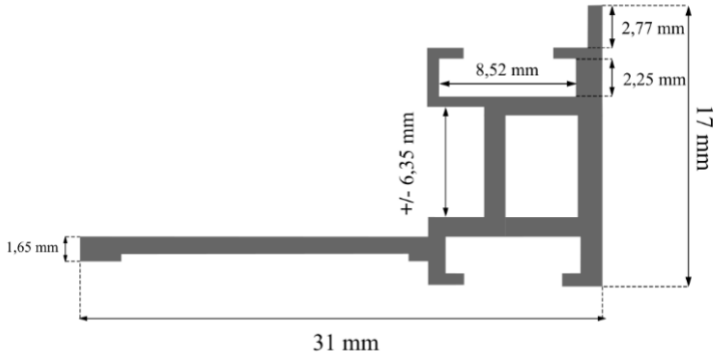
11. Graphics:
   a. Full print size: 4mm smaller than the outer size of the frame
   b. Bleeds: 7.5 mm on each side
   c. Visible graphic size: 19 mm less than the outer frame size

12. Frame installation system are specified in the technical data sheet

13. Profile construction:

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TECHNICAL CROSS SECTION
CPA 12



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14. **We execute orders according to the standard described above, unless the customer specifies the parameters of the ordered product individually**.

15. Exceptions to the standard:
    Any possible product personalizations prepared on request that go beyond the above parameters can be conditionally implemented:
    a. After consultation with the production department
    b. For an additional charge
    c. With total or partial exclusion of liability under warranty due to significant limitation of the structural strength of the product

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