

SPECIFICATIONS

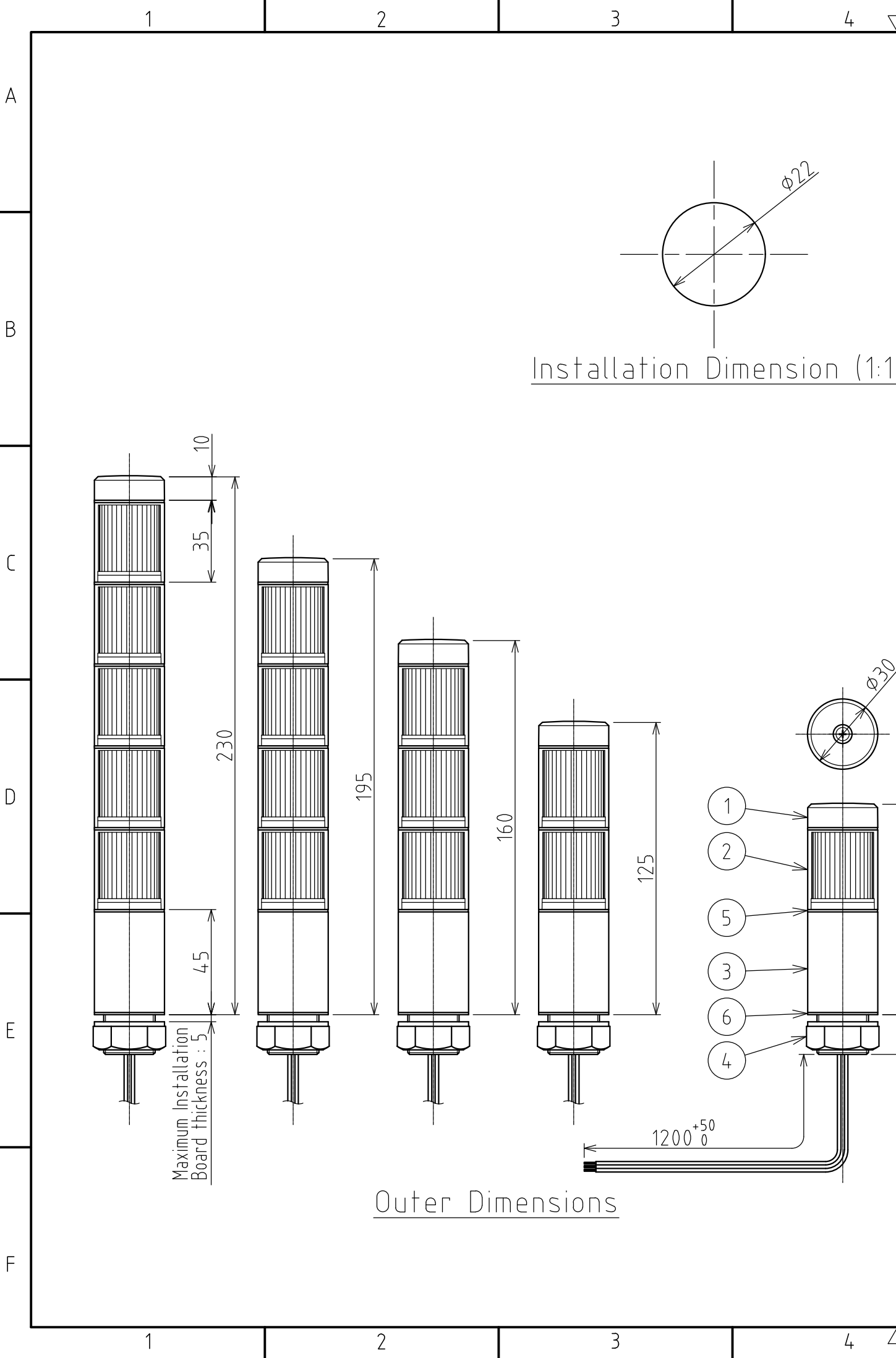
[General Specifications]

| | | |
|-------------------------------|---------|---|
| Model | 5 tiers | MPS-502 |
| | 4 tiers | MPS-402 |
| | 3 tiers | MPS-302 |
| | 2 tiers | MPS-202 |
| | 1 tier | MPS-102 |
| UL Registered Model | | MPS-02 |
| Rated Voltage | | 24V AC/DC (50/60Hz) |
| Operating Voltage Range | | Rated Voltage $\pm 10\%$ |
| Signal Wire Current | Typ. | Per Unit |
| | | Red:29.0mA, Amber:29.5mA, Green:17.1mA, Blue:17.1mA, White:17.1mA |
| | Max. | Per Unit |
| | | Red:32.7mA, Amber:34.5mA, Green:21.4mA, Blue:21.4mA, White:21.4mA |
| Operating Ambient Temperature | | -30°C to +60°C |
| Operating Ambient Humidity | | Less than 90% (No condensation) |
| Mounting Location | | Indoors |
| Mounting Direction | | Upright |
| Protection Rating | | IP65 (IEC 60529) |
| Vibration Resistance | | 19.6m/s ² |
| Insulation Resistance | | More than 1M Ω at 500VDC between the terminals and the chassis |
| Withstand Voltage | | 500VAC applied for 1min between terminals and chassis without breaking insulation |
| Luminous Intensity | | Red:550mcd, Amber:650mcd, Green:1900mcd, Blue:700mcd, White:1600mcd |
| Mass (Tolerance $\pm 10\%$) | | 1 tier:0.11kg, 2 tiers:0.13kg, 3 tiers:0.15kg, 4 tiers:0.17kg, 5 tiers:0.19kg |
| Outer Dimensions | | Refer to the Outer Dimension Drawing |
| Conformity Standards | | EMC Directive (EN 61000-6-4, EN 61000-6-2) RoHS Directive (EN IEC 63000) UL 508, CSA-C22.2 No. 14 |
| Remarks | | Conforms to the CE requirements UL Recognized Component (File No.E215660) |

Model Number Configuration

MPS — —

- | | |
|---|---|
| <p>Tier</p> <p>1 : 1 tier</p> <p>2 : 2 tiers</p> <p>3 : 3 tiers</p> <p>4 : 4 tiers</p> <p>5 : 5 tiers</p> | <p>Luminous Color</p> <p>R : Red</p> <p>Y : Amber</p> <p>G : Green</p> <p>B : Blue</p> <p>C : White</p> |
|---|---|



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