

# SPECIFICATIONS

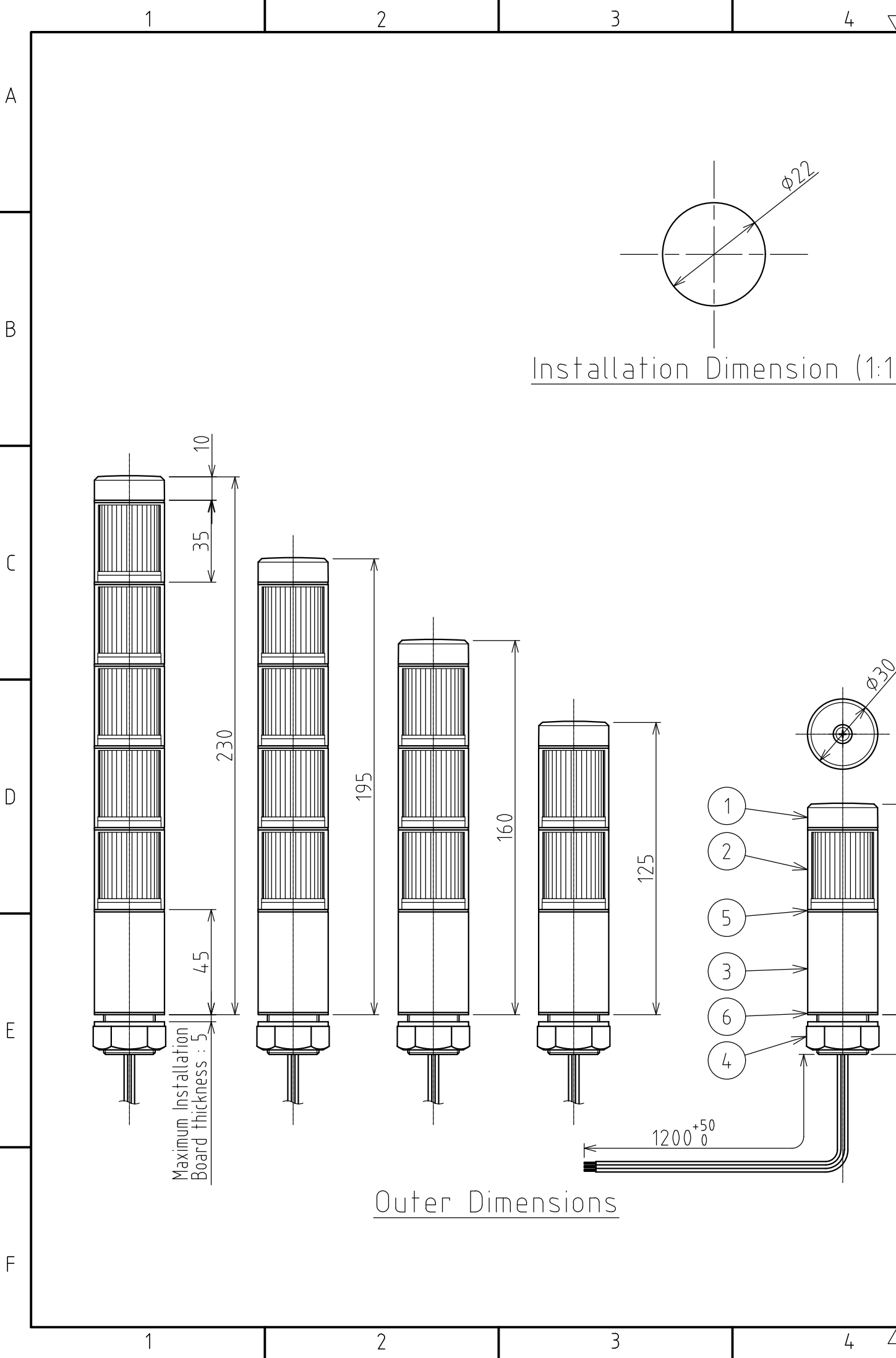
[General Specifications]

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 <sup>2</sup>
Insulation Resistance		More than 1M $\Omega$ 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 — 02 —

- |   |   |
|---|---|
| <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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