

DECORATIVE WOODEN BOLLARS

REINO - Square bollard

Wood

All shafts are manufactured from GL28h glued-laminated timber. The raw materials we use to produce our wooden columns are harvested from sustainability managed, PEFC certified forests. All wood is treated with a water-based stain finish consisting of four protective coats, VOCs < 100g/l.

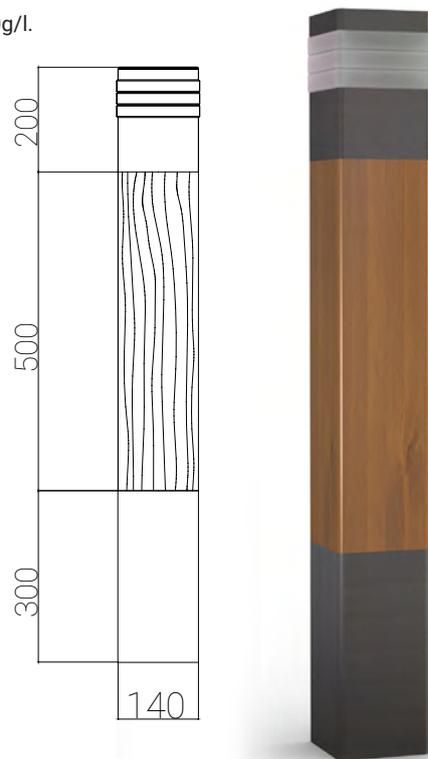
The range is designed and developed according to eurocodes 5, standard EN40 and EN1995.

Steel

Raw material: low-silicon steel ($Si + P \leq 0.04\%$)
Zinc coating: international standard EN ISO 1461 (layer thickness typically < 90 μm).

Height (m)	Top □ (mm)	Base □ (mm)	Base height (mm)	Flange (mm)	
				Bolt spacing	Width
1	140x 140	140 x 140	300	200x200	270

REINO -bollard is available also as one light disc version.



REINO - Light head CEL5000365

Specifications

Input

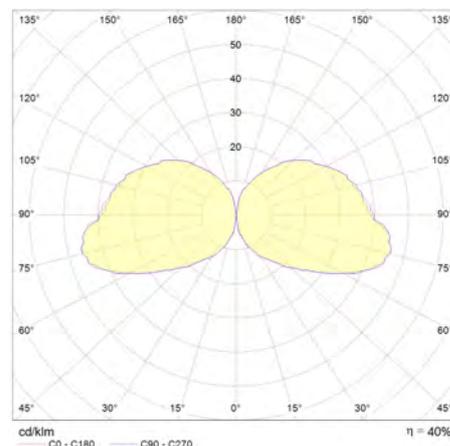
Input voltage: 24Vdc (230VAC thru control gear)
Power consumption: 7W (14W from mains thru control gear)
Control: 0-10V dimming (optional)

Output

Correlated color temperature: 4000K
Led lumens: 920 lm
Lumen maintenance: >50 khours L70 @ TA = 25°C

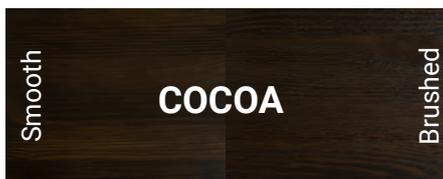
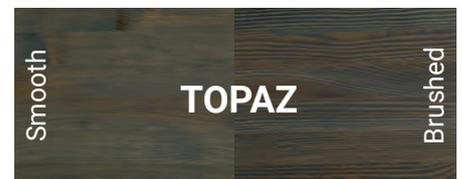
Environment

Dimensions: 146x146 x71
Weight: 1.48kg
Material: PMMA
Operating temperature ranges: Ambient TA = -30...+50°C
Case Tc = -30...90°C
Encapsulation: IP65
Safety approval: IEC62031, EN60598-1
EMC: radiation EN55015, EN55022
conduction & harmonics EN61000-3-2 (thru control gear)
conductive EMC EN55015 (thru control gear)



WOOD

Wood is treated against ageing and natural enemies of wood, such as blue stain fungi, mildew and rot. As a natural material wood is expected to expand and shrink as the seasons and moisture change. Our elastic coating is designed to adapt to this behaviour of wood without cracking. Several layers are applied to give wood its final colour and to protect against UV radiation to maintain desired looks. Consistent coating is achieved on by using spray gun and modern drying chamber.



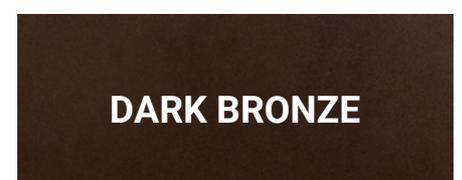
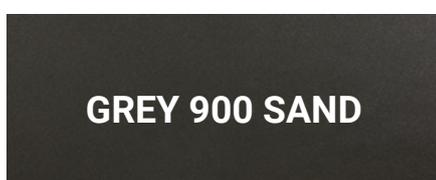
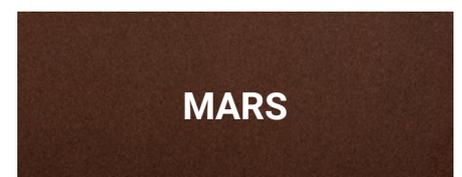
POWDER COATING



Our Tehocoat ® coating ensures high quality for surface finishing.

Powder coating is a fast, durable and environmentally friendly solution. Coating powders contain no volatile organic compounds and can be used to obtain a durable surface resistant to mechanical and chemical abrasion.

In addition to powder coating, our paint shop can also apply wet paints and Plascoat thermoplastic coatings, and utilize modern solutions to produce different kinds of textures.



NOTE: Due to printing techniques, the colours presented may differ from reality.