



SPECTRADOME PRIVAGLASS LCD GLASS SYSTEM TECHNICAL SPECIFICATIONS

- Visible light spectrum range: 400 to 700 nm
- Average light reflection: < 10%
- Average light penetration: not less than 75% when transparente and not less than 63% when opaque
- Hardness: tested for pencil hardness of 3H and up
- Resistance to detergent corrosion: resistant to 100 sweeps with a piece of cleaning cloth damped with window cleaner, glass detergent, alcohol and other detergents
 - window cleaner
 - glass detergent
 - alcohol
- Thickness: 0,7+/-0.05mm
- Installation deadline: 20 days after delivery
- Ideal operative/storage environment: ventilated places with ambient temperature of 25°C, 60% humidity
- Response time limit (to ON/OFF status change and vice versa): 70 milliseconds
- Typical response time to status change: 2 milliseconds (from OFF/opaque to ON/trasparent) – 10 milliseconds (from ON/trasparent to OFF/opaque)
- Maximum single LCD panel dimensions: 3000x1200mm circa
- Minimum single LCD panel dimensions: 100x150mm circa
- Operating temperature: -10+60°C
- Driving voltage: 65+/-5 Volts (AC50/60Hz)
- Continuous operating time (life span) when turned on (trasparent): more than 50.000 hours
- Overall switch on and off life span: over 500.000 times
- Power consumption when turned on (trasparent): 7-10W per square meter

SPECTRADOME PRIVAGLASS LCD system can easily turn any glass or window pane into an actually working LCD glass or window. The SPECTRADOME PRIVAGLASS liquid crystal technology glass panel is CE and ROHS certified.

SPECTRADOME PRIVAGLASS has passed German TUV – SGS ed tests for reliability under the following harsh operating conditions:

- high tTest di resistenza ad alta temperatura: sottoposto per 500 ore a temperatura di +80°C, umidità assente
- Test di resistenza a bassa temperatura: sottoposto per 500 ore a temperatura di -10°C, umidità assente
- Test di resistenza ad alta temperatura ed umidità: sottoposto per 500 ore a temperatura di +80°C, umidità relativa 95%
- Test di resistenza allo sbalzo termico: sottoposto per 10 volte a variazione temperatura da -10°C (permanenza 30 minuti) a +60°C

To request a quote as well as if you have questions or need any additional information regarding our PRIVAGLASS LCD system, you are welcome to contact us by

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