Lovato electric

Signal beacons Ø62mm / Ø2.44"

LB6 EL …
LB6 GL …
LB6 S2…

Order code	Description	Qty per pkg	Wt
		n°	[kg]
Steady light modules. BA15d fitting. Bulb not included.			
8 LB6 EL1	Orange	1	0.060
8 LB6 EL3	Green	1	0.060
8 LB6 EL4	Red	1	0.060
8 LB6 EL5	Yellow	1	0.060
8 LB6 EL6	Blu2	1	0.060
8 LB6 EL8	White	1	0.060
Blinking or steady light modules. BA15d fitting. Bulb not included.			
8 LB6 GL B1	Orange, 12-48VAC/DC	1	0.060
8 LB6 GL B3	Green, 12-48VAC/DC	1	0.060
8 LB6 GL B4	Red, 12-48VAC/DC	1	0.060
8 LB6 GL B5	Yellow, 12-48VAC/DC	1	0.060
8 LB6 GL B6	Blue, 12-48VAC/DC	1	0.060
8 LB6 GL B8	White, 12-48VAC/DC	1	0.060
8 LB6 GL M1	Orange, 24-230VAC	1	0.060
8 LB6 GL M3	Green, 24-230VAC	1	0.060
8 LB6 GL M4	Red, 24-230VAC	1	0.060
8 LB6 GL M5	Yellow, 24-230VAC	1	0.060
8 LB6 GL M6	Blue, 24-230VAC	1	0.060
8 LB6 GL M8	White, 24-230VAC	1	0.060
Sound-light pulsed or continuous modules. Bulb included.			
8 LB6 S2 B1	Orange, 24VAC/DC (80dB)	1	0.060
8 LB6 S2 B3	Green, 24VAC/DC (80dB)	1	0.060
8 LB6 S2 B4	Red, 24VAC/DC (80dB)	1	0.060
8 LB6 S2 B5	Yellow, 24VAC/DC (80dB)	1	0.060
8 LB6 S2 B6	Blue, 24VAC/DC (80dB)	1	0.060
8 LB6 S2 B8	White, 24VAC/DC (80dB)	1	0.060

General characteristics
Signal beacons are fundamental elements in manufacturing processes for the visual and audible signalling of the system status.
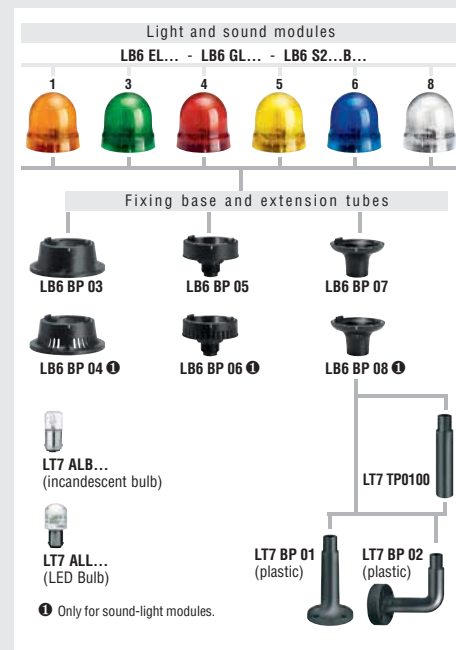
Technical characteristics
– Maximum operational voltage: 250VAC/DC
– Consumption of sound modules LB6 S2...: 150mA
– Material: Polycarbonate
– Connections: Screw clamp terminals, maximum 1.5mm²/16 AWG conductor section
– Tightening torque: 0.5Nm/4.5lbin
– Operating temperature: -20...+50°C
– Degree of protection IEC/EN: IP54; IP30 if used with 8 LB6 BP 04, 8 LB6 BP 06 or 8 LB6 BP 08.

Reference standards
Compliant with standards: IEC/EN 60947-5-1, IEC/EN 60947-1.

Combinations

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Interpretation of light and sound signals for signal towers and beacons

Light and sound signals are a fundamental element for the safety of a system.
To avoid incorrect interpretations, a European standard has been introduced defining an equivocal meaning to visual or audible signalling devices.
Each colour or sound alarm corresponds to a specific state of operation of the connected system and various levels of warning, as given in the following table, according to EN 981-IEC/EN 60073 standards.
The white coloured module does not have a specific meaning so it can be used as one may need.

Visual code	Red	Yellow Orange	Blue	Green	White
Meaning	Danger. Emergency.	Warning and Caution. Abnormal situation.	Mandatory command.	Normal situation. Regular operation.	No specific meaning.
Sound	Fast modulated repetition or high-pitch pulsing.	Continuous short sound.	Alternating sound at. constant tone	Constant and prolonged sound after an alarm.	Other sounds.
Correlated actions	Immediate intervention to deal with dangerous situation.	Control intervention required.	Intervention needed for mandatory action.	No specific action.	Depending on the situation.