

# M O N O B L O C K P I L O T L I G H T S



IP69K  
TYPE 4X  
**PL**atinum

 **Lovato**  
**electric**

ENERGY AND AUTOMATION

## LED integrated monoblock pilot lights steady light



LPM L...3



LPM L...4



LPM L...5



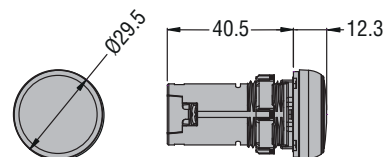
LPM L...6



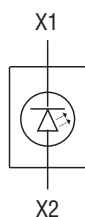
LPM L...7

Order code	Rated auxiliary supply voltage	LED colour	Qty per pkg	Wt	
			n°	[kg]	
LPM LA3	12VAC/DC	Green	10	0.021	
LPM LA4		Red	10	0.021	
LPM LA5		Yellow	10	0.021	
LPM LA6		Blue	10	0.021	
LPM LA7		Transparent	10	0.021	
LPM LB3		24VAC/DC	Green	10	0.021
LPM LB4			Red	10	0.021
LPM LB5	Yellow		10	0.021	
LPM LB6	Blue		10	0.021	
LPM LB7	Transparent		10	0.021	
LPM LD3	48VAC/DC		Green	10	0.021
LPM LD4			Red	10	0.021
LPM LD5		Yellow	10	0.021	
LPM LD6		Blue	10	0.021	
LPM LD7		Transparent	10	0.021	
LPM LE3		120VAC	Green	10	0.024
LPM LE4			Red	10	0.024
LPM LE5	Yellow		10	0.024	
LPM LE6	Blue		10	0.024	
LPM LE7	Transparent		10	0.024	
LPM LM3	230VAC		Green	10	0.024
LPM LM4			Red	10	0.024
LPM LM5		Yellow	10	0.024	
LPM LM6		Blue	10	0.024	
LPM LM7		Transparent	10	0.024	

### Dimensions [mm]



### Wiring diagram



### Operational characteristics

- Nominal frequency: 50-60Hz
- Supply voltage: 12VAC/DC, 24VAC/DC, 48VAC/DC, 120VAC, 230VAC (-15%...+10% Ue)
- Rated insulation voltage Ui: 250V
- Impulse withstand voltage Uimp: 4kV
- Consumption: ≤20mA
- Installed through a Ø22mm/Ø0.87" drilled hole or cover of LPZ control stations with a threaded fixing ring (Tmax = 2.3Nm/1.69lbf.ft)
- Electrical life: >50,000 hours
- Screw termination
- Side cable entry
- Maximum tightening torque: 0.8Nm/7lb.in
- Ambient conditions:
  - Operating temperature: -25...+70°C
- Degree of protection:
  - per IEC/EN: IP66, IP67 and IP69K on front; IP20 at rear
  - per UL: Type 1, 2, 3R, 4, 4X, 12, 12K on front.

### Materials

Polyamide.

### Maximum conductor cross section

- 1 or 2 1.5mm<sup>2</sup> or AWG16 cables.
- Min. cable 0.5mm<sup>2</sup> / AWG18
- Max. cable 2.5mm<sup>2</sup> / AWG16.

### Certifications and compliance

Certifications: cULus, EAC, CCC (pending).  
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.

## Accessories and spare parts



LPX AU100



LPX AU105



LPX AU108  
LPX AU109

Order code	Description	Qty per pkg.	Wt
		n°	[kg]
LPX AU100	Label holder for engraved plastic LPX AU109 label	50	0.001
LPX AU109	Engravable silver plastic label to use with LPX AU100 holder	50	0.002
LPX AU105	Label holder for engraved plastic LPX AU108 label	50	0.003
LPX AU108	Engravable silver plastic label to use with LPX AU105 holder	50	0.002