

# 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

# Monoblock pilot lights

PLatinum Ø22mm series

## LED integrated monoblock pilot lights steady light



LPM L...1



LPM L...3



LPM L...4



LPM L...5



LPM L...6



LPM L...7

new

new

new

Order code	Rated auxiliary supply voltage	LED colour	Qty per pkg	Wt
			n°	[kg]
LPM LA1	12VAC/DC	Orange	10	0.021
LPM LA3		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 LB1		24VAC/DC	Orange	10
LPM LB3	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 LD1	48VAC/DC		Orange	10
LPM LD3		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 LE1		110...120VAC	Orange	10
LPM LE3	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 LM1	230VAC		Orange	10
LPM LM3		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
LPM LP1		380...415VAC	Orange	10
LPM LP3	Green		10	0.024
LPM LP4	Red		10	0.024
LPM LP5	Yellow		10	0.024
LPM LP6	Blue		10	0.024
LPM LP7	Transparent		10	0.024
LPM LF1	110...125VDC		Orange	10
LPM LF3		Green	10	0.021
LPM LF4		Red	10	0.021
LPM LF5		Yellow	10	0.021
LPM LF6		Blue	10	0.021
LPM LF7		Transparent	10	0.021
LPM LN1		220VDC	Orange	10
LPM LN3	Green		10	0.021
LPM LN4	Red		10	0.021
LPM LN5	Yellow		10	0.021
LPM LN6	Blue		10	0.021
LPM LN7	Transparent		10	0.021

### Operational characteristics

- Nominal frequency: 50-60Hz
- Supply voltage:
  - 110...125VDC, 220VDC (-15%...+10% Ue)
  - 12VAC/DC, 24VAC/DC, 48VAC/DC (-15%...+10% Ue)
  - 110...120VAC, 230VAC, 380...415VAC (-15%...+10% Ue)
- Consumption: ≤20mA
- Installed through a Ø22mm/Ø0.87" drilling with a threaded fixing ring (Tmax = 2.3Nm/1.69lbf) also on cover of LPZ control stations
- Electrical life: >30,000 hours
- Screw termination
- Side cable entry
- Maximum tightening torque: 0.8Nm
- 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.

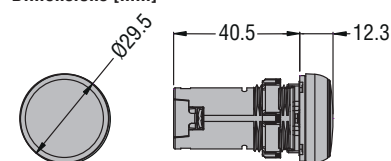
### Maximum conductor cross section

- 1 or 21.5mm<sup>2</sup> or AWG16 cables.
- Min. cable 0.5mm<sup>2</sup> / AWG18
- Max. cable 2.5mm<sup>2</sup> / AWG16.

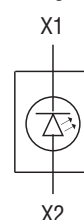
### Certifications and compliance

Certifications obtained: cULus, EAC, CCC (pending for LPM LF..., LPM LN... and LPM LP... types).  
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.

### Dimensions [mm]



### Wiring diagram



## 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