

# Dome light series, 5 Pin M12 Male A-Coded, IP50

LS-DOM-S07 series · Dome lights · 3 models

24 VDC supply;  
connection: 5  
pin m12 male  
a-coded.  
Choose colour  
below (4  
configurations)  
and request a  
quote.  
Rendered  
illustration: the  
actual product  
may differ in  
appearance.



## Common specifications

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Lens / beam angle     | Diffused                                                                                                          |
| Voltage               | 24 VDC                                                                                                            |
| Connector             | 5 Pin M12 Male A-Coded                                                                                            |
| Connection at light   | Connectorized                                                                                                     |
| Driver included       | Included                                                                                                          |
| Driver location       | Internal                                                                                                          |
| Intensity control     | Analog Voltage                                                                                                    |
| Operating modes       | Constant On, Constant On – Dimmable, Overcurrent Strobe, Overcurrent Strobe – Dimmable, Strobe, Strobe – Dimmable |
| Strobe trigger input  | NPN Trigger, PNP Trigger                                                                                          |
| Operating temperature | 18 to 50 °C                                                                                                       |
| IP rating             | IP50                                                                                                              |
| Housing               | Aluminum                                                                                                          |
| Mounting              | T-Slot Channels                                                                                                   |
| Collimated            | Not Collimated                                                                                                    |
| Daisy chain           | No                                                                                                                |
| Diffused              | Diffused                                                                                                          |
| Direct connect        | No                                                                                                                |

|                                           |                     |
|-------------------------------------------|---------------------|
| Maximum duty cycle (%)                    | 100                 |
| Maximum overcurrent strobe duration (ms)  | 50                  |
| Maximum overcurrent strobe duty cycle (%) | 10                  |
| Maximum overcurrent strobe frequency (hz) | 4000                |
| Maximum overcurrent strobe latency (us)   | 6                   |
| Maximum strobe duration (ms)              | No Limit            |
| Maximum strobe duty cycle (%)             | 100                 |
| Maximum strobe frequency (hz)             | 4000                |
| Maximum strobe latency (us)               | 10                  |
| Minimum overcurrent strobe duration (us)  | 10                  |
| Minimum strobe duration (us)              | 30                  |
| NPN trigger current (ma)                  | 15                  |
| NPN trigger voltage (v)                   | < 1 VDC             |
| PNP trigger current (ma)                  | 20                  |
| PNP trigger voltage (v)                   | 4-24 VDC            |
| Polarized                                 | Not Polarized       |
| Storage temperature                       | 20 to 70 °C         |
| Compliance                                | CE, IEC 62471, RoHS |

## Models

| Model       | Lit diameter (mm) | Height (mm) | Outer diameter (mm) | Viewport diameter (mm) | Max overcurrent strobe current | Max overcurrent strobe input power | Maximum constant on current (ma) |
|-------------|-------------------|-------------|---------------------|------------------------|--------------------------------|------------------------------------|----------------------------------|
| LS-DOM-0041 | 75                | 58.9        | 133                 | 25                     | 2200 mA                        | 53 W                               | 570                              |
| LS-DOM-0042 | 140               | 89.1        | 209.8               | 30                     | 4100 mA                        | 98 W                               | 1000                             |
| LS-DOM-0043 | 235               | 136.9       | 321                 | 40                     | 5800 mA                        | 140 W                              | 570                              |

More values per model (Maximum current (overcurrent strobe) (ma), Maximum input power constant on (w), Maximum input power overcurrent strobe (w), Maximum strobe current (ma), Maximum strobe input power (w)) are on each product page.

## Product views

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