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IEC Ø22mm Integrated LED Pilot-Lights

For 12V AC/DC, 24V AC/DC, 48V AC/DC & 60V AC/DC

Date:
25th July 2012

Group:
Ø22mm LED Pilot-Lights

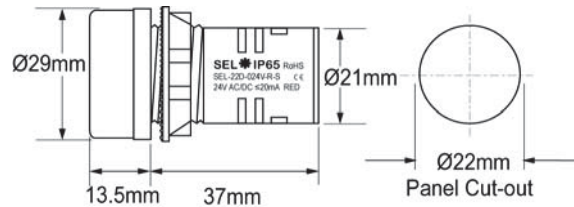
Part Number (16-Digits):
SEL-22D-XXXV-X-S

Data Sheet:
SE-IND-22D-S1-ST1

12V AC/DC, 24V AC/DC, 48V AC/DC & 60V AC/DC



IP65



Solitronics Engineering Ltd E-mail: info@solitronics.com

Features & Application

- Low-cost Robust IEC Ø22mm Integrated LED Pilot-Light for General Application.
- For direct 12V AC/DC, 24V AC/DC, 48V AC & 60V AC 50/60Hz Mains-operation.
- Available in six colors namely Red, Green, Amber, Yellow, Blue & White with diffuser.
- Shock-resistant, low-power consumption, uniform-glow; long-life and cool-operation.

**SEL 22D Series
LED Pilot-Light
RoHS compliant**

Physical Dimensions

- Mounting-Hole: Ø22.0mm (Locked-mounting on holes with 20.3mm flats).
- Overall-Length: 50.5mm -0/+2mm; Depth-behind-panel: 37.0mm -0/+1.5mm; Lens-Diameter: Ø30.0mm Maximum.
- Termination: Finger-proof screw-terminals with screw-retainer and wire-protector.
- Standard-Packing: 10 pcs per inner box; 500 pcs per Export-Carton; Carton-Size: 42x35x35cm (LxBxH); G.W. 13.5Kg

Solitronics Part No.	Nominal Rated-Voltage	Current	No. of LED Chips (Typical Configuration)	Colour	Remarks
SEL-22D-012V-R-S	12V AC/DC	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-012V-G-S	12V AC/DC	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-012V-A-S	12V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-012V-Y-S	12V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-012V-B-S	12V AC/DC	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-012V-W-S	12V AC/DC	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-024V-R-S	24V AC/DC	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-024V-G-S	24V AC/DC	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-024V-A-S	24V AC/DC	≤ 20mA	4 or 6-chips	Super-Brigh Amber (605nm)	
SEL-22D-024V-Y-S	24V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-024V-B-S	24V AC/DC	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-024V-W-S	24V AC/DC	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-048V-R-S	48V AC/DC	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-048V-G-S	48V AC/DC	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-048V-A-S	48V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-048V-Y-S	48V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-048V-B-S	48V AC/DC	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-048V-W-S	48V AC/DC	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-060V-R-S	60V AC/DC	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-060V-G-S	60V AC/DC	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-060V-A-S	60V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-060V-Y-S	60V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-060V-B-S	60V AC/DC	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-060V-W-S	60V AC/DC	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	

Remarks:

*Indicates Super-High Bright high-efficiency InGAN LED-Chips; InGAN LED-Chips are sensitive to ESD (Electro-Static-Discharge)
Due to continuous technological development LED-chip configuration may vary depending on type of LED chip-set from LED chip manufacturer.
Special voltage-rating e.g. 6V AC/DC, 12V AC/DC, 36VAC/DC, 48VAC/DC, 60V AC/DC, 230V DC only & Multi-Volt-Rated types 8-36V AC/DC are also available.
Special-Feature Pilot-Lights e.g. Red-Self-flashing, Dual-Colour Red/Green, Combine Red-Self-flashing Indicator with Buzzer and Panel-Mount Buzzer are also available.



IEC Ø22mm Integrated LED Pilot-Lights
For 130V AC/DC, 230V AC-only, 230V DC-only & 380V AC-only

Date:
25th July 2012

Group:
Ø22mm LED Pilot-Lights

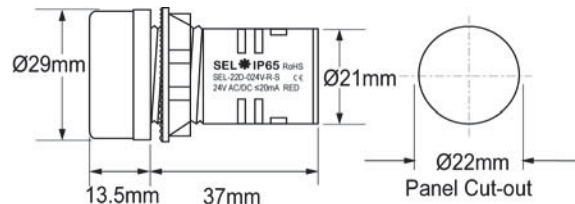
Part Number (16-17-Digits):
SEL-22D-XXXV-X-SX

Data Sheet:
SE-IND-22D-S2-ST2

130V AC/DC, 230V AC-only, 230V DC-only & 380V AC only



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Features & Application

- Low-cost Robust IEC Ø22mm Integrated LED Pilot-Light for General Application.
- For 130V AC/DC, 230V AC-only, 230V DC-only & 380V AC-only 50/60Hz only operation.
- Available in six colors namely Red, Green, Amber, Yellow, Blue & White with diffuser.
- Shock-resistant, low-power consumption, uniform-glow; long-life and cool-operation.

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LED Pilot-Light
RoHS compliant**

Physical Dimensions

- Mounting-Hole: Ø22.0mm (Locked-mounting on holes with 20.3mm flats).
- Overall-Length: 50.5mm -0/+2mm; Depth-behind-panel: 37.0mm -0/+1.5mm; Lens-Diameter: Ø30.0 mm Maximum.
- Termination: Finger-proof screw-terminals with screw-retainer and wire-protector.
- Standard-Packing: 10 pcs per inner box; 500 pcs per Export-Carton; Carton-Size: 42x35x35cm (LxBxH); G.W. 13.5Kg

Solitronics Part No.	Nominal Rated-Voltage	Current	No. of LED Chips (Typical Configuration)	Colour	Remarks
SEL-22D-130V-R-S	130V AC/DC	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-130V-G-S	130V AC/DC	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-130V-A-S	130V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-130V-Y-S	130V AC/DC	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-130V-B-S	130V AC/DC	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-130V-W-S	130V AC/DC	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-230V-R-S	230V AC-only	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-230V-G-S	230V AC-only	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-230V-A-S	230V AC-only	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-230V-Y-S	230V AC-only	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-230V-B-S	230V AC-only	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-230V-W-S	230V AC-only	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-230V-R-SD	230V DC-only	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-230V-G-SD	230V DC-only	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-230V-A-SD	230V DC-only	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-230V-Y-SD	230V DC-only	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-230V-B-SD	230V DC-only	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-230V-W-SD	230V DC-only	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	
SEL-22D-380V-R-S	380V AC-only	≤ 20mA	4-chips	Super-Bright Red (625nm)	
SEL-22D-380V-G-S	380V AC-only	≤ 20mA	2-chips*	Super-Bright Green (517nm)	
SEL-22D-380V-A-S	380V AC-only	≤ 20mA	4 or 6-chips	Super-Bright Amber (605nm)	
SEL-22D-380V-Y-S	380V AC-only	≤ 20mA	4 or 6-chips	Super-Bright Yellow (587nm)	
SEL-22D-380V-B-S	380V AC-only	≤ 20mA	2-chips*	Super-Bright Blue (461nm)	
SEL-22D-380V-W-S	380V AC-only	≤ 20mA	1 or 2-chips*	Super-Bright White (x:0.281 y:0.289)	

Remarks:

*Indicates Super-High Bright high-efficiency InGAN LED-Chips; InGAN LED-Chips are sensitive to ESD (Electro-Static-Discharge).
Due to continuous technological development LED-chip configuration may vary depending on type of LED chip-set from LED chip manufacturer.
Other voltage-rating e.g. 6V AC/DC, 24V AC/DC, 130V AC/DC, 230V AC & 380V AC only & Multi-Volt-Rated types 8-36V AC-ONLY are also available.
Pilot-Lights with Special-Feature e.g. Red-Self-flashing, Dual-Colour Red/Green, Red-Combined-Self-flashing Indicator with Buzzer and Panel-Mount Buzzers are also available.