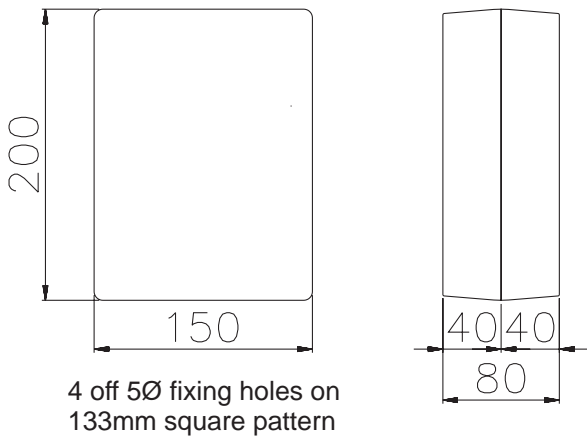


# LED Indicator Panels



Latest technology Light Emitting Diodes (LEDs) configured into a high-density matrix. This advanced range of LED Indicator Panels is ideally suited to a wide variety of applications such as Loading-Bay Signalling, Shutter Door Status, On-Site Traffic Management, Dockside Signalling, Factory Control, "FIRE" Alarm Warning, "STOP" Signalling, etc.

Standard 24Vdc, 115Vac and 230Vac models are available and all units are enclosed in an IP65 UV-stabilised polycarbonate housing (200x150x80mm) for protection against the elements.

Single colour units employ a front lens the same colour as the indicating LEDs, whilst dual colour units employ a neutral 'smoked' front lens.

Standard colour combinations are shown; other colours and colour combinations available from a choice of Red, Amber, Green, Blue or Clear, available to special order.

## IPN/LED/001 - Direction Indicator



- Direction Status Indicator.
- Can show any combination of green-arrow-left, green-arrow-right and red-cross.
- Function selection by applying power to relevant terminal.
- Can be rotated 90° to indicate up/down.

Supply voltage		24Vdc	115Vac	230Vac
Supply current	Red Cross	100mA	40mA	40mA
	One Green Arrow	120mA	120mA	65mA
	Two Green Arrows	160mA	160mA	100mA
Supply tolerance			±15%	
Luminous intensity	Red Cross		84Cd	
	One Green Arrow		108Cd	
	Two Green Arrows		144cd	
Temperature limits			-40C, +55C	
Environmental protection class			IP65	

**Example Order Code: IPN/DC/24/LED/001/Red/Green**

## IPN/LED/002 - "Traffic Light"



- Stop/Go "Traffic-Light" Status Indicator.
- Ideal for Loading Bay and Traffic Management applications.
- High-density LED-matrix light-source - 80 Red LEDs, 80 Green LEDs.
- Long-life (>100,000 hours typical) LEDs.

Supply voltage		24Vdc	115Vac	230Vac
Supply current	Red	250mA	60mA	30mA
	Green	250mA	60mA	30mA
Supply tolerance			±15%	
Luminous intensity	Red		180Cd	
	Green		180Cd	
Temperature limits			-40C, +55C	
Environmental protection class			IP65	

**Example Order Code: IPN/AC/230/LED/002/Red/Green**

For Installation Accessories please refer to page 73

**D.G. Controls Limited**

Cadley Hill Road, Swadlincote, Derbyshire, DE11 9TB, ENGLAND.

Tel: +44 (0) 1283 550850 Fax: +44 (0) 1283 550776 E-mail: sales@deegee.com www: http://www.deegee.com

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# LED Indicator Panels

## IPN/LED/003 - "FIRE" Flashing Indicator



- Dedicated, clear, distinct and insistent warning signal.
- Pulsed/Static operation by simple jumper link.
- Ideal for wide-area and large office environments.
- High-density LED-matrix light-source.

Supply voltage		24Vdc	115Vac	230Vac
Supply current	Red	180mA	60mA	30mA
Supply tolerance			±15%	
Flash/min			150fpm (2.5Hz)	
Luminous intensity	Red		180Cd	
Temperature limits			-40C, +55C	
Environmental protection class			IP65	

**Example Order Code: IPN/DC/24/LED/003/Red**

## IPN/LED/004 - "FEU/FEUER" Flashing Indicator

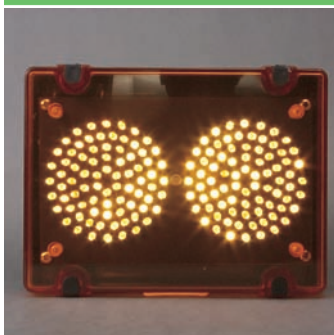


- Dedicated, clear, distinct and insistent warning signal.
- Pulsed/Static operation by simple jumper link.
- Choice of 'FEU' and 'FEUER' flashing signals with additional alternating 'FEU/FEUER' flashing mode.

Supply voltage		24Vdc	115Vac	230Vac
Supply current	Red	180mA	60mA	30mA
Supply tolerance			±15%	
Flash/min			150fpm (2.5Hz)	
Luminous intensity	Red		180Cd	
Temperature limits			-40C, +55C	
Environmental protection class			IP65	

**Example Order Code: IPN/DC/24/LED/004/Red**

## IPN/LED/005 - Dual Alternate Flashing Indicator



- Dual colour Indicator.
- Alternate and Concurrent Flashing modes.
- High-density LED-matrix light-source - 80 LEDs per channel.
- Long-life (>100,000 hours typical) LEDs.
- Available in Red, Amber, Green, Blue and Clear.

Supply voltage		24Vdc	115Vac	230Vac
Supply current		180mA	60mA	30mA
Supply tolerance			±15%	
Flash/min			40, 120fpm	
Luminous intensity			180Cd	
Temperature limits			-40C, +55C	
Environmental protection class			IP65	

**Example Order Code: IPN/AC/230/LED/005/Amber/Amber**

## IPN/LED/008 - Telephone Ring Initiated Flashing Indicator



- High-density LED-matrix light-source.
- Long-life (>100,000 hours typical) LEDs.
- Available in Red, Amber, Green, Blue and Clear.

Supply voltage		24Vdc	115Vac	230Vac
Supply current		180mA	60mA	30mA
Supply tolerance			±15%	
Flash/min			40, 120fpm	
Luminous intensity			180Cd	
Temperature limits			-40C, +55C	
Environmental protection class			IP65	

**Example Order Code: IPN/AC/230//TROLED/008/Amber**

For Installation Accessories please refer to page 73

**D.G. Controls Limited**

Cadley Hill Road, Swadlincote, Derbyshire, DE11 9TB, ENGLAND.

Tel: +44 (0) 1283 550850 Fax: +44 (0) 1283 550776 E-mail: [sales@deegee.com](mailto:sales@deegee.com) www: <http://www.deegee.com>

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