

Indicator Lights

Neon, LED and Filament Lamp



Key Features

- Neon, LED, mains LED or filament lamp
- Bezel sizes from 6.7 to 16.3mm diameter
- Red, amber, green and clear lenses
- Red, yellow, green, blue and white LEDs
- Wide choice of styles

Colours and voltages:


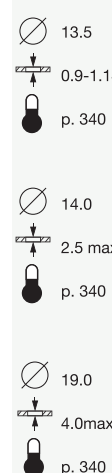



NEON	DC LED	AC MAINS LED	FILAMENT
Available with Red, Amber, Green or Clear lenses 100/130V (marked 110V), 200/250V (marked 230V)	Red, Yellow, Green, Blue, White 2.0/2.2V Resistors for other voltages available.	Red, Yellow, Green, Blue, White 110-230V ac operation.	Available with Red, Amber, Green, Clear or Blue lenses 6V, 12/14V, 24/28V.

Terminal	Type	Illumination	Colour	Voltage	Options	Panel	Approval
L K 2.8 H 4.8 C 6.3	(C) 2870 00 	N L M F	Neon & Filament R Red A Amber G Green B Blue (Special Order) C Clear	1 LED No Resistor 2 125V Neon	C Chrome Bezel Finish	12.7 0.75-2.0 P. 340	
L K 2.8 H 4.8 C 6.3	(C) 0589 00 	N L M F	B Blue (Special Order) C Clear	3 250V Neon		12.7 0.8-1.5 p. 340	
L	L 0081 00 	N L M F	C Clear	4 6Vdc LED		12.7 9.5 p. 340	
L K 2.8 H 4.8 C 6.3	(C) 0177 00 	N L M F	LED	5 12Vdc LED		12.7 12.0max p. 340	
L K 2.8 H 4.8 C 6.3	(C) 0067 00 	N L M F	R Red Y Yellow	6 24Vdc LED		12.7 1.14 max p. 340	
L C 6.3	(C) 0180AA 	N L F	G Green B Blue	7 12/14V Filament		12.7 19.0 max p. 340	
				8 24/ 28V Filament			
				9 125/250Vac LED			

Indicator Lights

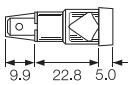
Neon, LED and Filament Lamp



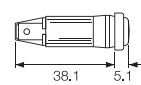
Terminal	Type	Illumination	Colour	Voltage	Options	Panel	Approval
L C 6.3	(C) 0180BB 	N L F	Neon & Filament R Red A Amber G Green B Blue (Special Order) C Clear LED R Red Y Yellow G Green B Blue	1 LED No Resistor 2 125V Neon 3 250V Neon 4 6Vdc LED 5 12Vdc LED 6 24Vdc LED 7 12/14V Filament 8 24/ 28V Filament 9 125/250Vac LED	C Chrome Bezel Finish	 13.5 0.9-1.14 p. 340 14.0 2.5 max p. 340 19.0 4.0max p. 340	
L K 2.8 H 4.8 C 6.3	(C) 0579 00 	N L M F					
C 6.3	(C) 1092 	N					

Dimensions

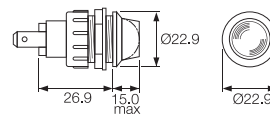
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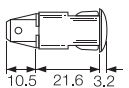
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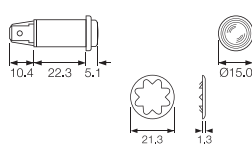
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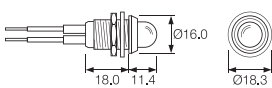
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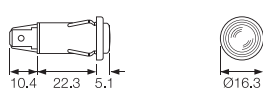
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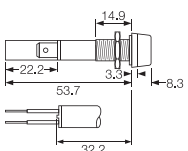
L 0081 00



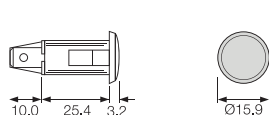
(C) 0180BB



(C) 0177 00



(C) 0579 00



The majority of Arcoelectric indicator lights can be supplied with alternative light sources:

Neon, Fluorescent, Filament lamp or LED

NEON and FLUORESCENT LAMPS

Colours

Available with Red, Amber, Green, Blue or Clear lenses.

Maximum striking voltages

Standard brightness types 65Vac 90Vdc.

High brightness types 85Vac 135Vdc.

High brightness types are usually fitted.

Life

Typically 25,000 hours (Green fluorescent lamps 20,000 hours).

(Measured to a point when the light output of the lamp is half its original level.)

The end of life for a neon lamp is not usually a sudden failure.

False signals due to long wiring

It is possible for neon or fluorescent tubes to glow when they should be off.

The false signal is caused by the capacitance effect of fairly long wiring to the

indicator being adjacent to other live cables. This effect can be prevented in

most cases by fitting a 100k resistor across the supply wires close to the

indicator assembly.

MATERIALS

Moulded bodies and bases Nylon 6.6

Metal bodies and bezels Chrome plated brass (except #)

Lenses Polycarbonate

Terminals (most types) Brass (electro-tin plated)

Terminals (exceptions) Brass (flash silver* or nickel** plated)

Threaded metal nuts Brass (nickel plated on 0275/7)

Other fixings Call sales for details

* R9, 0061, 0062, 0430, 0480, 1090, 1091, 6030, 7030, 8630, 8580


** # 3130, 3160, 3161, 3221 have nickel plated terminals with steel screws


and plated polyamide bezel trims


TEMPERATURE RATING

Authority	with Terminals	with Wire leads	
		PVC	SILICONE
European	T125°C	T105°C	T125°C
UL	T65/75°C	T65/75°C	

SYMBOLS

 Terminals
C 6.3, H 4.8, K 2.8

 Wire leads
200mm long Standard

 Solid wires
LED only

  Panel hole size

 Panel thickness

 Temperature rating

FILAMENT LAMPS

Colours

Available with Red, Amber, Green, Clear or Blue lenses

LEDs - DC

Colours

Red, Yellow, Green, Blue and White.

Voltage

Basic voltage 2.0/2.2V. Some items are available with

integral resistors for 12V use. For details of resistors

required for higher voltages, please call sales.

Current

Maximum continuous forward current 20mA

Life

>100,000hrs

LEDs - AC

Colours

Red, Yellow, Green, Blue and White.

Voltage

Rated up to 230V ac, suitable for use at 110V and 230V ac.

Current

<3mA

Life

>100,000hrs