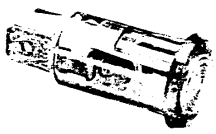
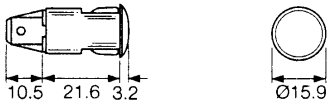
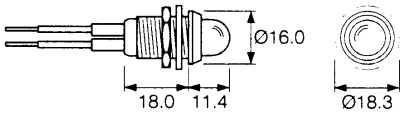
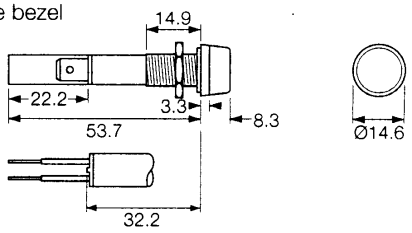
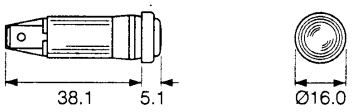
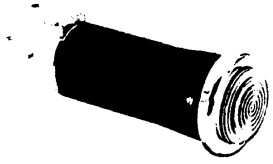
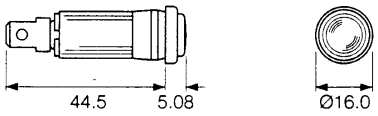
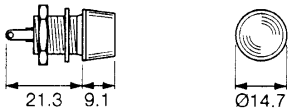
14C 287

NEW *12 Volt LED with Integral resistor now available*

Standard product. See page 50 & 51.

TERM	TYPE		DIMENSIONS
L, K 2.8, H 4.8, C 6.3	(C) **0589 OO** 	∅ 12.7mm 0.8-1.5mm max. T85°C *T125°C	
L	**L 0081 OO** 	∅ 12.7mm 9.5mm max. T85°C	Chrome bezel 
L, K 2.8, H 4.8, C 6.3	(C) **0177 OO** 	∅ 12.7mm 12.0mm max. T85°C *T125°C	Chrome bezel 
L, K 2.8, H 4.8, C 6.3	(C) **0067 OO** 	∅ 12.7mm 1.14mm max. T85°C	Chrome bezel 
C 6.3	**C 0067 OO** BA7s  **Lampholder** Up to 50 volt only	∅ 12.7mm 1.14mm max. T85°C	Chrome or matt black bezel. Snap-in panel mounting. Base assembly removable for bulb replacement. 
T	**T 0062 AO**  **T 0062 MO**  **Lampholders** Up to 50 volt only (bezel is live)	∅ 12.7mm 9.6mm max. T85°C	T0062AO & T0063AO have chrome bezel. T0062MO & T0063MO have no chrome bezel. T0062 - - for Midget flange. T0063 - - for LES. 

Removable lens. Front of panel bulb replacement.

* See Temperature rating details on page 39

Technical Information-Indicators

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

Neon, Fluorescent, Filament lamp or LED.

When ordering simply state the light source preferred for your application.

Red, Amber and Green lenses are available on most indicators.
Clear and Blue lenses are available on a limited range of items only.

NEON and FLUORESCENT LAMPS

COLOURS
Red, Amber, Clear neon, and Green & Blue fluorescent.

MAXIMUM STRIKING VOLTAGES
Standard brightness types 65Vac 90Vdc,
High brightness types 95Vac 135Vdc.
High brightness types are usually fitted.

LIFE
Typically 20,000 hours (Green and blue fluorescent lamps 5,000 hours). (Measured to a point when light output is half that of its original level.) The end of life of a neon lamp is not usually a sudden failure. Replacement is necessary when the light output has reduced to a level below the requirement of the application.

FALSE SIGNALS DUE TO LONG WIRING
It is possible for a neon or fluorescent indicator to glow when it should be off. These false signals are caused by the capacitance effect when fairly long wiring leading to the the indicator is adjacent to other live cables.
This effect can be prevented in most cases by fitting a 100K resistor across the supply wires to the indicator assembly.

ORDERING EXAMPLE

Cat. No.	Colour	Voltage
C 0589 00	***Amber***	***230V***

This is an indicator which snaps into a 12.7mm hole, is fitted with 6.3mm terminals, has an amber lens and is suitable for use on 200-250Vac.

FILAMENT LAMPS

COLOURS
Red, Amber, Green, (Clear and Blue, limited availability)

LIFE
Average 10,000 hours.

The end of life of a filament lamp is sudden, unpredictable and is dramatically reduced by shock and vibration. Assemblies with wired-lamps require extraction from panels and complete replacement in the event of a lamp failure.

Lampholders designed to accept replaceable capped lamps are listed on pages E8 and E9.

ORDERING EXAMPLE

Cat. No.	Colour	Voltage
C 0589 00	***Amber***	***12V***

This is an indicator which snaps into a 12.7mm hole, is fitted with 6.3mm terminals, has an amber lens and is suitable for use on 12-14V.

LEDS

COLOURS
Red, Yellow, and Green

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 contact our Sales department.

CURRENT
Maximum continuous forward current 35mA.

LIFE
Extremely long - not known to fail under test.

ORDERING EXAMPLE

Cat. No.	Colour	Voltage	Type
C 0589 00	***Amber***	***2.0V***	***LED***

This is an indicator which snaps into a 12.7mm hole, is fitted with 6.3mm terminals, has an amber lens and is suitable for use on 2.0-2.2Vdc. The light source is an LED.

EXPLANATION OF SYMBOLS

Terminals
C 6.3, H 4.8, K 2.8

Wire leads
200mm long Standard

Solid wires
LED only

Panel hole diameter

Panel hole size

Panel thickness

Temperature rating

Authority	Terminals	Wire leads	
		PVC	SILICONE
All European	T125°C	T85°C	T125°C
UL	T65/75°C	T65/75°C	