

# Indicator Lights Neon, LED and Filament Lamp

## Colours and voltages:

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


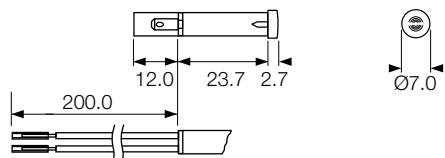

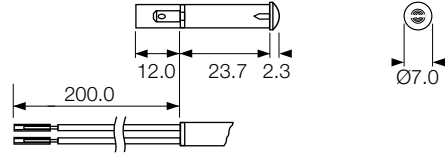

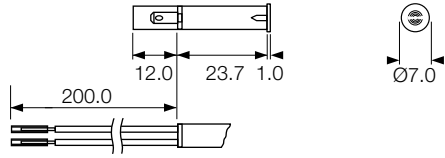

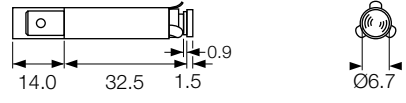

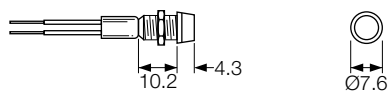

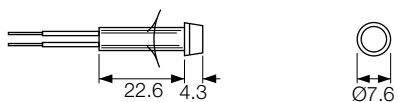
- ▶ Neon, LED, mains LED or filament lamp
- ▶ Bezel sizes from 6.7 to 16.3mm diameter
- ▶ Red, amber, green, blue and clear lenses
- ▶ Red, yellow, green, blue and white LEDs
- ▶ Wide choice of styles






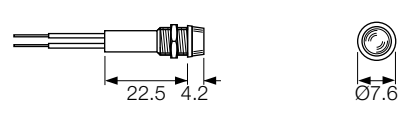





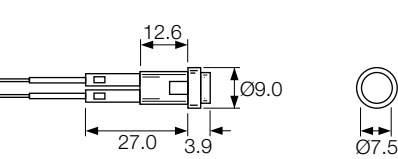




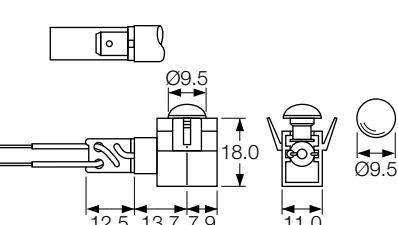





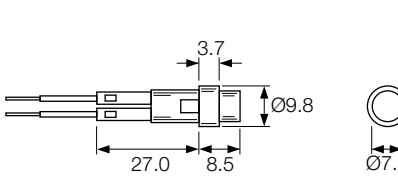




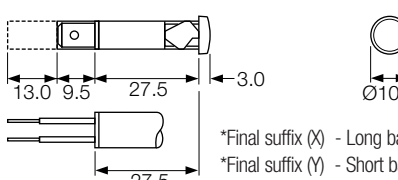




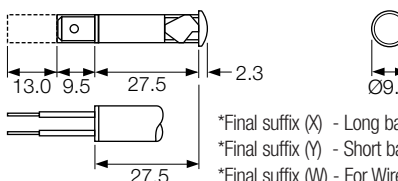
**KEMA**  
**UL file E63363**

Approvals shown for neon versions only

**RoHS** RoHS compliant



**To create a catalogue number:**  
Refer to the 2 columns below (terminal and type), then state: Lens colour, voltage and whether neon, LED or filament lamp

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
B 2.8 L	(C) <b>0566 A</b> 	6.0 2.0max page 6	DC AC	
B 2.8 L	(C) <b>0566 B</b> 	6.0 2.0max page 6	DC AC	
B 2.8 L	(C) <b>0566 C</b> 	6.0 2.0max page 6	DC AC	
C 6.3	(C) <b>0145 AA</b> 	5.8 3.0max page 6	DC AC ⊗	
L W	(L) <b>1041 00</b> Chrome bezel 	6.3 6.3max page 6	DC ⊗	
L W	(L) <b>1045 00</b> Chrome bezel available 	6.3 10.0max page 6	DC AC ⊗	

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
L W	(L) <b>0245 00</b> Chrome bezel available 	7.1 6.3max  page 6	  	
L	L <b>2950 00</b> Chrome bezel available 	8.0 0.8-1.6  page 6	  	
L C 6.3	(L) <b>0195 BB</b> 	8.0 0.8-3.0  page 6	 	
L	L <b>2951 00</b> Chrome bezel 	8.0 0.8-1.6  page 6	  	
L H 4.8	(H) <b>0568 A(*)</b> Deep lens profile  (VDE at T100)	8.0 0.8-3.5  page 6	 	 *Final suffix (X) - Long barrier *Final suffix (Y) - Short barrier *Final suffix (W) - For Wires
L H 4.8	(H) <b>0568 B(*)</b> Shallow lens profile 	8.0 0.8-3.5  page 6	 	 *Final suffix (X) - Long barrier *Final suffix (Y) - Short barrier *Final suffix (W) - For Wires

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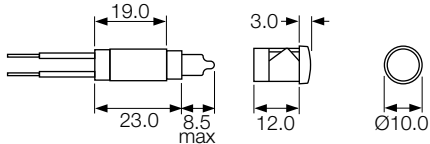




















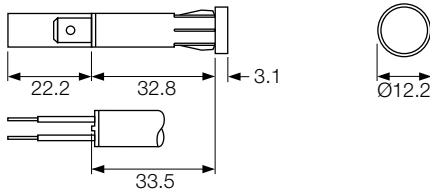




















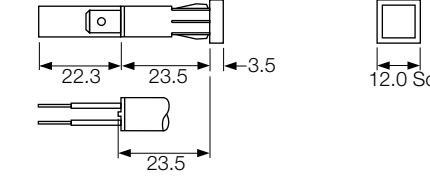




















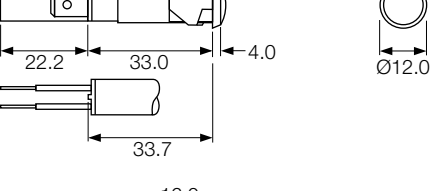




















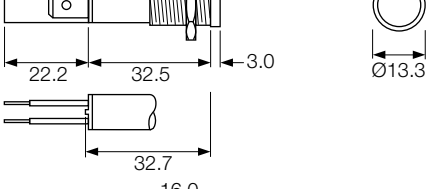




















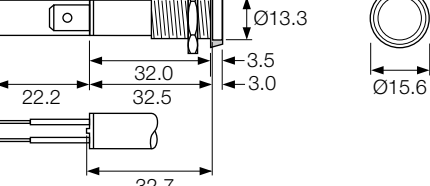













- ▶ Neon, LED, mains LED or filament lamp
- ▶ Bezel sizes from 6.7 to 16.3mm diameter
- ▶ Red, amber, green, blue and clear lenses
- ▶ Red, yellow, green, blue and white LEDs
- ▶ Wide choice of styles


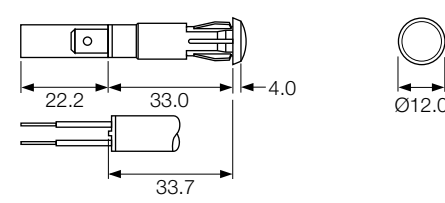

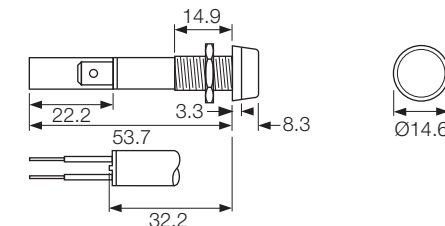

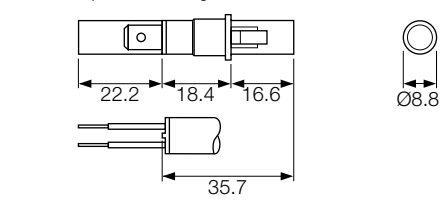

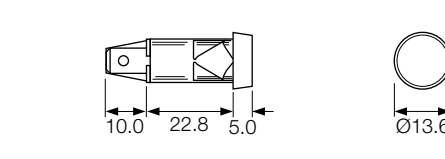

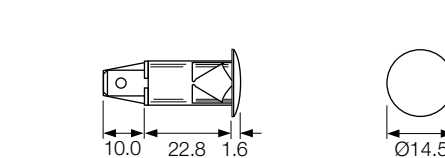

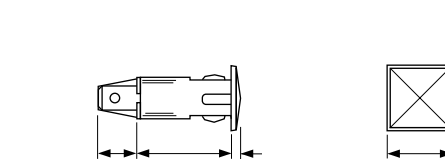
**KEMA**  
**UR** **UL file E63363**  
Approvals shown for neon versions only

**RoHS** **RoHS compliant**

## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: Lens colour, voltage and whether neon, LED or filament lamp


TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
<b>L</b> 	<b>(L) 0569 AW</b> 	 9.0	   	
<b>K 2.8</b> 		 0.8-2.5	 	
<b>H 4.8</b> 		 Call sales	  	
<b>C 6.3</b> 			  	
<b>L</b> 	<b>(C) 0273 00</b> 	 9.0	   	
<b>K 2.8</b> 		 2.0 max	 	
<b>H 4.8</b> 		 page 6	  	
<b>C 6.3</b> 			  	
<b>L</b> 	<b>(C) 0278 00</b> 	 9.0	   	
<b>K 2.8</b> 		 2.0 max	 	
<b>H 4.8</b> 		 page 6	  	
<b>C 6.3</b> 			  	
<b>L</b> 	<b>(C) 0276 AA</b> 	 9.5	   	
<b>K 2.8</b> 		 0.8-2.8	 	
<b>H 4.8</b> 		 page 6	  	
<b>C 6.3</b> 			  	
<b>L</b> 	<b>(C) 0275 00</b> 	 10.0	   	
<b>K 2.8</b> 		 12.0 max	 	
<b>H 4.8</b> 		 page 6	  	
<b>C 6.3</b> 			  	
<b>L</b> 	<b>(C) 0275 00</b> Chrome bezel 	 10.0	   	
<b>K 2.8</b> 		 11.5 max	 	
<b>H 4.8</b> 		 page 6	  	
<b>C 6.3</b> 			  	

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
L K 2.8 H 4.8 C 6.3	(C) <b>0276 00</b> 	∅ 10.0 2.8 max page 6	DC AC	
L K 2.8 H 4.8 C 6.3	(C) <b>0277 00</b> Chrome bezel 	∅ 10.0 12.0 max page 6	DC AC	
L K 2.8 H 4.8 C 6.3	(C) <b>0273 LL</b> 	∅ 10.0 0.6-2.0 page 6	DC AC	For sub-panel mounting, behind a facia. 
L K 2.8 H 4.8 C 6.3	(C) <b>2820 00</b> 	∅ 12.0 0.75-2.0 page 6	DC AC	
L K 2.8 H 4.8 C 6.3	(C) <b>2821 00</b> 	∅ 12.0 or 12.7 ∅12.0 = 0.8-2.5 ∅12.7 = 1.1-2.5 page 6	DC AC	
L K 2.8 H 4.8 C 6.3	(C) <b>0586 00</b> 	∅ 12.5 0.8-1.5 page 6	DC AC	

Indicators


# Indicator Lights Neon, LED and Filament Lamp

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**KEMA**  
**EUR**




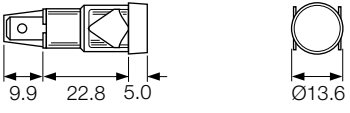









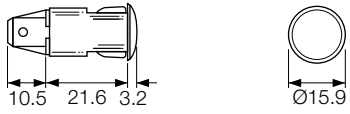









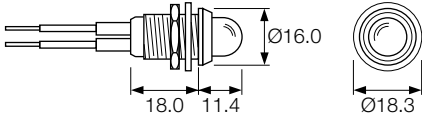









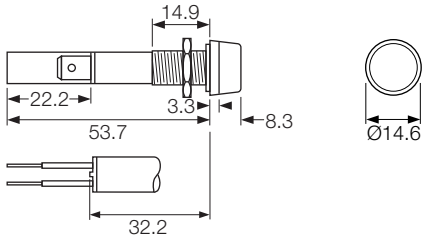









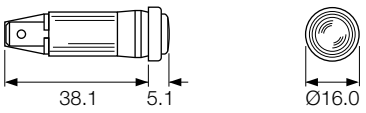









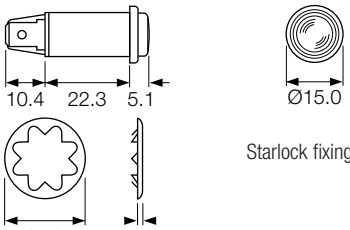






 **UL file E63363**










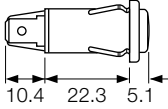














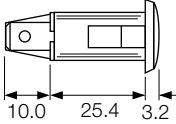
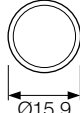







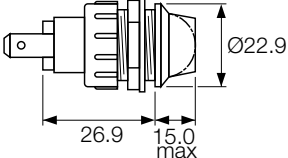

Approvals shown for neon versions only

**RoHS** RoHS compliant

## To create a catalogue number:




Refer to the 2 columns below (terminal and type), then state: Lens colour, voltage and whether neon, LED or filament lamp

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
L	<b>(C) 2870 00</b> 	 12.7		
K 2.8		 0.75-2.0		
H 4.8				
C 6.3		 page 6		
L	<b>(C) 0589 00</b> 	 12.7		
K 2.8		 0.8-1.5		
H 4.8				
C 6.3		 page 6		
L	<b>L 0081 00</b> Chrome bezel 	 12.7		
		 9.5		
				
		 page 6		
L	<b>(C) 0177 00</b> Chrome bezel 	 12.7		
K 2.8		 12.0max		
H 4.8				
C 6.3		 page 6		
L	<b>(C) 0067 00</b> Chrome bezel 	 12.7		
K 2.8		 1.14max		
H 4.8				
C 6.3		 page 6		
L	<b>(C) 0180AA</b> 	 12.7		
C 6.3		 19.0max		
				
		 page 6		

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
<b>L</b>  <b>C 6.3</b> 	<b>(C) 0180BB</b> Chrome bezel 	 13.5  0.9-1.14  page 6	  DC 	 10.4 22.3 5.1  Ø16.3
<b>L</b>  <b>K 2.8</b>  <b>H 4.8</b>  <b>C 6.3</b>  <b>C 6.3</b> 	<b>(C) 0579 00</b> 	 14.0  2.5max  page 6	  DC  AC 	 10.0 25.4 3.2  Ø15.9
<b>C 6.3</b> 	<b>(C) 1092</b> 	 19.0  4.0max  page 6	  AC	 26.9 15.0 max Ø22.9  Ø22.9

# Indicator Lights Neon, LED and Filament Lamp

## Colours and voltages:

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

- ▶ 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



UL file E63363








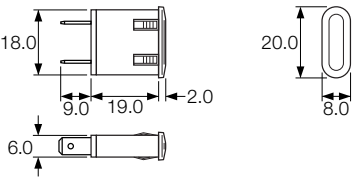






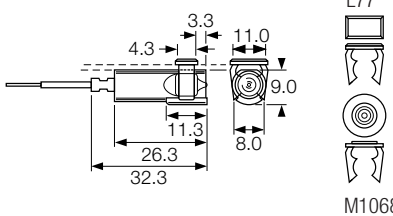





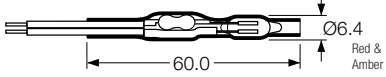
Approvals shown for neon versions only



RoHS compliant

## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: Lens colour, voltage and whether neon, LED or filament lamp

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS	DIMENSIONS (mm)
<b>H 4.8</b> 	<b>H 0581 AY</b> 	 18.2/18.3 X 6.2/6.3*  2.0-3.5  page 6	 	
<b>L</b> 	<b>L 0234 00</b> 	 9.27/9.50 X 4.75*  0.71-1.62  page 6		
<b>L</b> 	<b>L 0233 00</b> 	  page 6		

Neon tube, resistor and flexible lead assembly, protected by "shrunk on" transparent sleeving.

# Indicator Lights

To match 8500, 8600, R13, 1500, 1550, 5500, 6000, 8300 and 7000 switches

## Colours and voltages:

- Neon** Available with Red, Amber, Green or Clear lenses  
100/130V (marked 110V), 200/250V (marked 230V)
- Filament lamp** Available with Red, Amber or Green lenses  
6V, 12/14V, 24/28V
- Mains LED** 6030 only

## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: Lens colour, voltage and whether neon or filament lamp.

- ▶ Indicator lights
- ▶ Neon or filament lamp
- ▶ Bezel sizes from 6.7 to 16.3mm diameter
- ▶ Red, amber green and clear neons
- ▶ Red, amber and green filament lamps
- ▶ Styles to match rocker and push switches



UL file E63363  
CSA file LR29381

Approvals shown for neon versions only



RoHS compliant

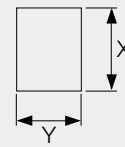
TERM	TYPE
------	------

H 4.8		<b>H8580 AB</b>	

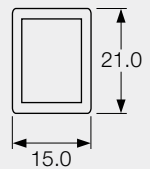
Full product details on pages 12-13

Body Code	Panel thickness	Cut-out	
		X	Y
B	0.75-1.25	19.1/19.2	12.9/13.0
	1.25-2.0	19.3/19.4	12.9/13.0
	2.0-3.0	19.7/19.8	12.9/13.0

Cut-out



Flange

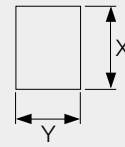


H 4.8		<b>H8630 FB</b>	
T			
X			

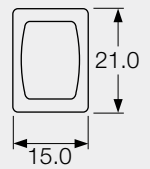
Full product details on pages 14-15

Body Code	Panel thickness	Cut-out	
		X	Y
B	0.75-1.25	19.1/19.2	12.9/13.0
	1.25-2.0	19.3/19.4	12.9/13.0
	2.0-3.0	19.7/19.8	12.9/13.0

Cut-out



Flange

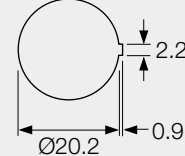


H 4.8		<b>R9 92B</b>	
			Approvals details - contact sales

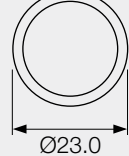
Full product details on pages 33

Snap fixing in panels thickness up to 3.0

Cut-out



Flange

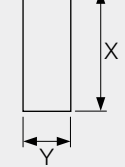


C 6.3		<b>C0430 A</b>	<b>C6030 AL</b>	
H 4.8				
K 2.8				
T				
				6030 - L body & C terminals only

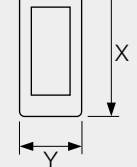
Full product details on pages 18-19 & 22-23

Body Code	Cut-out		Flange	
	Y	X	Y	X
A	12.2/12.3	27.2/27.3	14.0	30.2
B	11.0/11.1	30.0/30.1	14.0	33.4
L	11.0/11.1	30.0/30.1	14.0	31.9
R	14.0/14.1	28.5/28.6	17.0	31.5
T	11.5/11.6	28.2/28.3	14.0	30.2

Cut-out



Flange

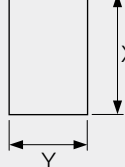


C 6.3		<b>C0480 A</b>	
H 4.8			
K 2.8			
T			

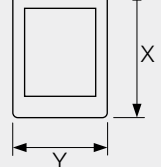
Full product details on pages 28-29

Body Code	Cut-out		Flange	
	Y	X	Y	X
A	22.3/22.4	27.2/27.3	25.0	30.2
B	22.1/22.2	30.0/30.1	25.0	33.4
L	22.1/22.2	30.0/30.1	25.0	32.0
R	23.0/25.4	28.4/28.5	28.9	33.2
T	22.3/22.4	28.2/28.3	25.0	30.2

Cut-out



Flange

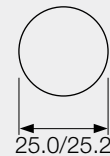


C 6.3		<b>C7030 AH</b>	
H 4.8			

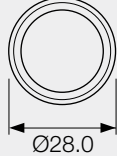
Full product details on pages 44-45

Body Code	Cut-out	Flange
H	Ø25.0/25.2	Ø28.0

Cut-out



Flange



# Low Voltage Lampholders

## Colour and voltage:

These lampholders are suitable for up to 50V max. Bulbs will be supplied (dependent on order quantity) if a voltage is specified.

Colours - Red, Amber, Green, (Clear & Blue, check availability).

## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: Lens colour and voltage.

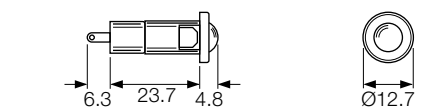
- ▶ Up to 50V
- ▶ Red, Amber, Green, Blue and Clear
- ▶ Linestra/Philinea lamp holder

**RoHS**

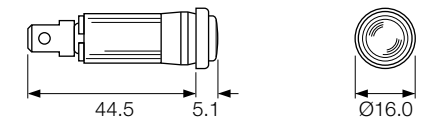
RoHS compliant

TERM	TYPE	PANEL & °C
T	<b>T0061 AO</b> (LES)	9.5 0.9-1.14 T85
C 6.3	<b>C0067 00</b> (BA7s) Chrome bezel	12.7 1.14max T85
T	<b>T0062 AO</b> (Midget flange) Chrome bezel	12.7 9.6max T85
T	<b>T0063 AO</b> (LES) Chrome bezel	12.7 9.6max T85
T	<b>T0062 MO</b> (Midget flange)	12.7 9.6max T85
T	<b>T0063 MO</b> (LES)	12.7 9.6max T85
S	<b>S0095 00</b>	T85

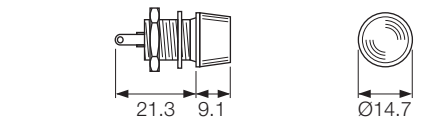
## DIMENSIONS (mm)



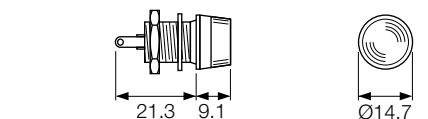
Rear of panel bulb replacement



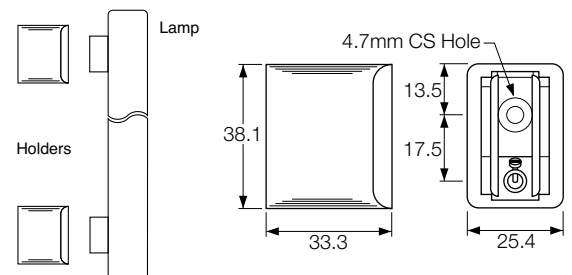
Rear of panel bulb replacement



Front of panel bulb replacement



Front of panel bulb replacement



Paired Architectural lampholders for Linestra or Philinea lamp.

# Low Voltage Lampholders



- ▶ Up to 50V
- ▶ MES or MBC bulb
- ▶ Flat and domed lens
- ▶ Brass or nylon bodies
- ▶ Red, Amber, Green, Blue and Clear lenses

**RoHS**

**RoHS compliant**

Bulbs will be supplied (dependant on order quantity) if a voltage is specified. These lampholders are suitable for up to 50V max.

Colours - Red, Amber, Green, (Clear & Blue, check availability). Brass bodies have polished chrome finish.

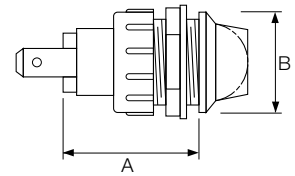
For Neon & Mains versions see page 75  
For Sealed version see page 84

C1090FP - - -



▶ TERMINAL	▶ LAMP CAP	▶ LENS	▶ THREADED BODY																																			
<p><b>C</b></p> <p>6.3 x 0.8 9.1</p>	<p><b>1090</b> MES (E10)</p>	<p><b>F</b> Flat</p>	<p><b>1090 (MES lamps)</b></p> <table border="1"> <thead> <tr> <th></th> <th>Panel Hole Dia.</th> <th>Body Material</th> <th>Dim. A</th> <th>Dim. B</th> </tr> </thead> <tbody> <tr> <td><b>A</b></td> <td>19.0</td> <td>Brass</td> <td>35.0</td> <td>22.0</td> </tr> <tr> <td><b>D</b></td> <td>19.0</td> <td>Brass</td> <td>30.2</td> <td>22.0</td> </tr> <tr> <td><b>E</b></td> <td>19.0</td> <td>Nylon with chrome bezel</td> <td>30.2 30.2</td> <td>22.0 22.8</td> </tr> <tr> <td><b>G</b></td> <td>19.0</td> <td>Brass</td> <td>24.6</td> <td>22.0</td> </tr> <tr> <td><b>H</b></td> <td>19.0</td> <td>Nylon with chrome bezel</td> <td>24.6 24.6</td> <td>22.0 22.8</td> </tr> <tr> <td><b>L</b></td> <td>25.4</td> <td>Brass</td> <td>26.0</td> <td>31.5</td> </tr> </tbody> </table>		Panel Hole Dia.	Body Material	Dim. A	Dim. B	<b>A</b>	19.0	Brass	35.0	22.0	<b>D</b>	19.0	Brass	30.2	22.0	<b>E</b>	19.0	Nylon with chrome bezel	30.2 30.2	22.0 22.8	<b>G</b>	19.0	Brass	24.6	22.0	<b>H</b>	19.0	Nylon with chrome bezel	24.6 24.6	22.0 22.8	<b>L</b>	25.4	Brass	26.0	31.5
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<p><b>T</b></p> <p>∅2.0 4.8 9.1 Solder</p>	<p><b>1091</b> MBC (BA9s) (C and S Terminals only)</p>	<p><b>V</b> Domed</p>	<p><b>1091 (MBC lamps)</b></p> <table border="1"> <thead> <tr> <th></th> <th>Panel Hole Dia.</th> <th>Body Material</th> <th>Dim. A</th> <th>Dim. B</th> </tr> </thead> <tbody> <tr> <td><b>B</b></td> <td>19.0</td> <td>Brass</td> <td>36.0</td> <td>22.0</td> </tr> <tr> <td><b>C</b></td> <td>19.0</td> <td>Nylon</td> <td>36.6</td> <td>22.0</td> </tr> <tr> <td><b>Q</b></td> <td>19.0</td> <td>Nylon (+ chrome trim)</td> <td>36.6</td> <td>22.8</td> </tr> <tr> <td><b>M</b></td> <td>25.4</td> <td>Brass</td> <td>38.1</td> <td>31.5</td> </tr> </tbody> </table>		Panel Hole Dia.	Body Material	Dim. A	Dim. B	<b>B</b>	19.0	Brass	36.0	22.0	<b>C</b>	19.0	Nylon	36.6	22.0	<b>Q</b>	19.0	Nylon (+ chrome trim)	36.6	22.8	<b>M</b>	25.4	Brass	38.1	31.5										
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<b>M</b>	25.4	Brass	38.1	31.5																																		
<p><b>S</b></p> <p>6.3 x 0.8 9.1 Screw and Calmp</p>		<p><b>L</b> No lens</p>	<p>Panel thickness 5.0, except A type body 10.0</p>																																			

## DIMENSIONS mm



## OPTIONS

### F0445 M0

P.V.C. Insulating terminal cover.




# LED Lamps and LED Lampholders

LED Lampholders can be supplied with or without LEDs

**Colours:** Red, Yellow, Green and Blue LEDs  
(High Intensity is standard. Option of extra super bright).

**Voltages:** LEDs are available for direct connection to 2.0/2.2V or 12Vdc  
For other voltages contact sales.






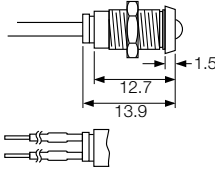






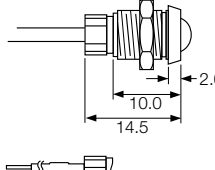






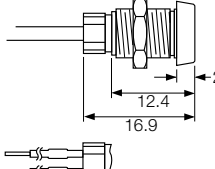








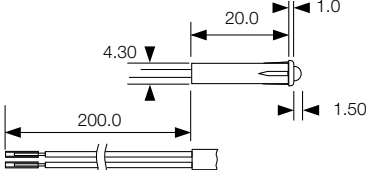








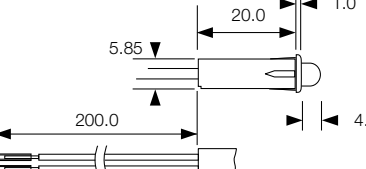








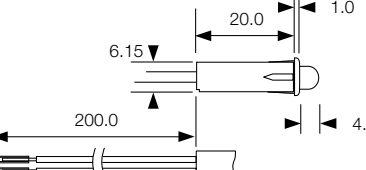

- ▶ LED lampholders
- ▶ Supplied with or without LEDs
- ▶ Black or Chrome finish



**RoHS** RoHS compliant

**To create a catalogue number:**

Refer to the 2 columns below (terminal and type), then state: LED colour and voltage and body finish (Black or Chrome).

TERM	TYPE	PANEL & °C	DIMENSIONS (mm)	
<b>W</b> LED fitted <b>A</b> LED not fitted 	<b>(W) 1047 00</b>  3mm LED	 6.3  6.3max  T85		 Ø7.6
<b>W</b> LED fitted <b>A</b> LED not fitted 	<b>(L) 1048 00</b>  5mm LED	 8.0  5.5max  T85		 Ø9.5
<b>W</b> LED fitted <b>A</b> LED not fitted 	<b>(W) 1050 00</b>  5mm LED with focusing reflector	 8.0  7.0max  T85		 Ø10.0
<b>W</b> LED fitted 	<b>(L) 1035 0A</b>   	 4.5  0.9-1.6  T85		 5.08
<b>W</b> LED fitted 	<b>(L) 1036 0A</b>   	 6.0  0.9-1.6  T85		 7.9
<b>W</b> LED fitted 	<b>(L) 1037 0A</b>   	 6.35  0.9-1.6  T85		 7.9

# Neon & LED Indicator Lights Sealed to IP52 and IP54

## Colours and voltages:

**Neon** Red, Amber, Green  
120 or 230Vac 0.5W - please specify (Red base)

**LED** Red, Amber, Green  
28Vac/dc 1W (Green base)

Neon versions feature integral current limiting & ghost lighting resistors.  
LED versions have rectifier diodes & resistors for direct connection to 28Vac/dc.

## To order

Select a number from the "type" column, then state:  
Lens colour, voltage and whether neon or LED. All versions have recessed screw terminals. IP52 is standard. A panel sealing washer is available for IP54.

- ▶ IP52 and IP54 sealing
- ▶ Three bezel sizes: 18.0, 20.5 and 30.0 diameter
- ▶ Neon or LED indicator
- ▶ Black and satin chrome bezel or without bezel
- ▶ Recessed screw terminals



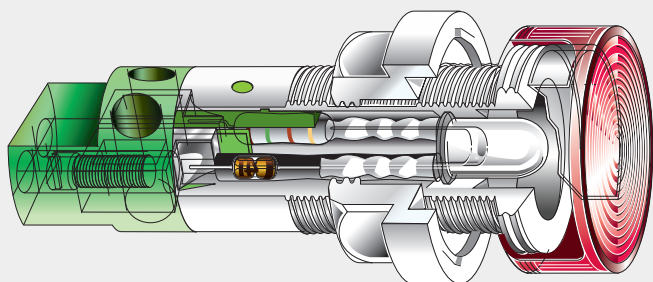
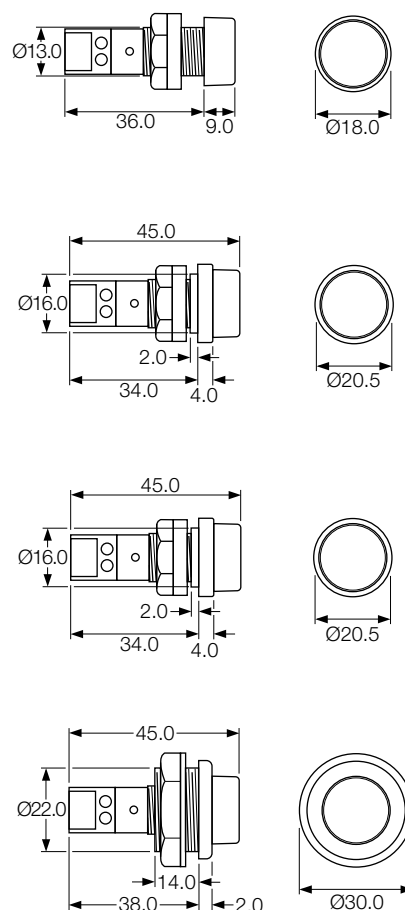
Approval shown for neon versions only



RoHS compliant

TERM	TYPE	PANEL & °C
<b>Recessed Screw</b> 	<b>3130</b> No bezel  	 T120 neon T50 LED
<b>Recessed Screw</b> 	<b>3160</b> Black bezel  	 T120 neon T50 LED
<b>Recessed Screw</b> 	<b>3161</b> Satin chrome style bezel  	 T55 neon T50 LED
<b>Recessed Screw</b> 	<b>3221</b> Large black bezel  	 T120 neon T50 LED

## DIMENSIONS (mm)



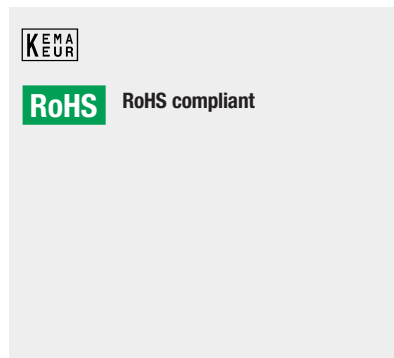
Select the version most suitable for your application from the 4 types shown.  
Or call sales for availability to your special requirements.

# Indicator Lights - Sealed to IP67

## Colours and voltages:









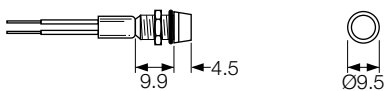








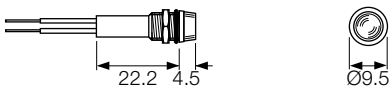











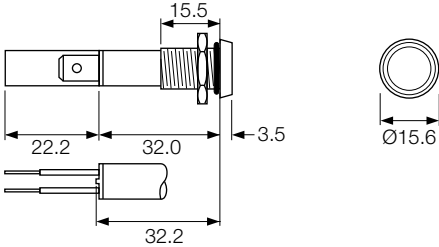











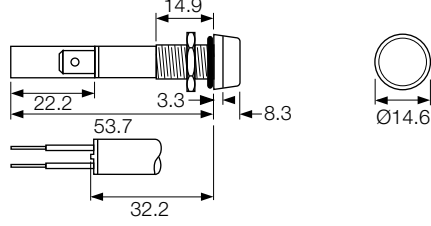











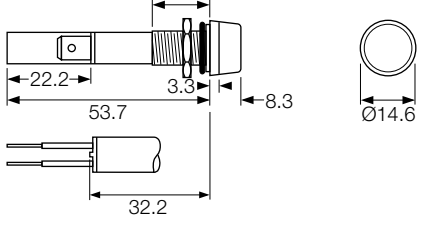





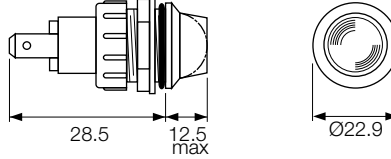
-  **Neon** Available with Red, Amber, Green or Clear lenses  
100/130V (marked 110V), 200/250V (marked 230V)
-  **LED - DC** Red, Yellow, Green, Blue, White  
2.0/2.2V Resistors for other voltages available.
-  **LED - AC** Red, Yellow, Green, Blue, White  
110-230V ac operation.
-  **Filament lamp**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

- ▶ IP67 Panel Sealing
- ▶ Supplied complete with gaskets/'O' rings
- ▶ Neon, LED, mains LED or filament lamp
- ▶ Bezel sizes from 7.6 to 22.9mm diameter
- ▶ Red, amber, green, blue and clear lenses
- ▶ Red, yellow, green, blue and white LEDs
- ▶ Wide choice of styles



## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: Lens colour, voltage and whether neon, LED or filament lamp

TERM	TYPE	PANEL	ILLUMINATION OPTIONS	DIMENSIONS (mm)
L 	(L) <b>1041 OS</b> Chrome bezel 	 6.3  5.3 max	   	
L 	(L) <b>0245 OS</b> Chrome bezel 	 7.1  4.6 max	   	
L  C 6.3  K 2.8  H 4.8 	(C) <b>0275 OS</b> Chrome bezel 	 10.0  11.5 max	   	
L  C 6.3  K 2.8  H 4.8 	(C) <b>0277 OS</b> Chrome bezel 	 10.0  11.5 max	   	
L  C 6.3  K 2.8  H 4.8 	(C) <b>0177 OS</b> Chrome bezel 	 12.7  11.5 max	   	
C 6.3 	(C) <b>1092 FFS</b> 	 19.0  4.0 max		

# LED Lamps and LED Lampholders - Sealed to IP67

LED Lampholders can be supplied with or without LEDs

**Colours:** Red, Yellow Green and Blue LEDs.  
(High Intensity is standard. Option of extra super bright).

**Voltages:** LEDs are available for direct connection to 2.0/2.2V or 12Vdc.  
For other voltages contact sales.






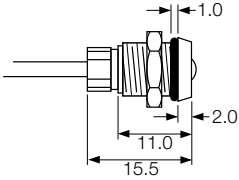
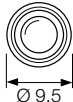





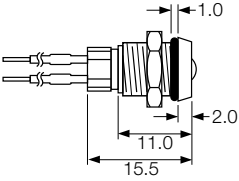
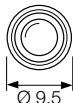





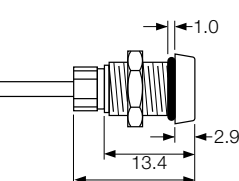







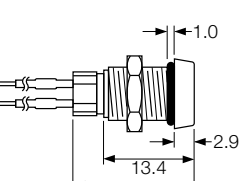

- ▶ IP67 front bezel sealing
- ▶ LED lampholders
- ▶ Supplied with or without LEDs
- ▶ Black or Chrome finish

**RoHS**

RoHS compliant

## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: LED colour and voltage and body finish (Black or Chrome).

TERM	TYPE	PANEL & °C	DIMENSIONS (mm)
<b>W</b> LED fitted 	<b>(W) 1048 0A</b> Designed to IP67 	 8.0  5.5max  T85	 
<b>A</b> LED not fitted			
<b>L</b>  LED & Wires fitted	<b>L 1048 0A</b> Designed to IP67 	 8.0  5.5max  T85	 
<b>W</b> LED fitted 			
<b>A</b> LED not fitted	<b>(W) 1050 0A</b> Designed to IP67 	 8.0  7.0max  T85	 
<b>L</b>  LED & Wires fitted			
<b>W</b> LED fitted 	<b>L 1050 0A</b> Designed to IP67 	 8.0  7.0max  T85	 
<b>A</b> LED not fitted			

## Properties

### Sealing

O-ring sealing equivalent to IP67, of both the LED to bezel, and bezel to panel is available where shown.

### Polarity

The nylon base mouldings are polarity marked.

### Body Material and Finish

Chromed brass or Black oxide coated brass.

### Lampholders only

Items prefixed 'A' are supplied without LEDs.

### LED wires or PVC covered wire leads

125mm min length wires, 6.3mm standard strip.  
Alternative colours, length and strip available.

# Low Voltage Lampholders - Sealed to IP67

## Colour and voltage:

These lampholders are suitable for up to 50V max. Bulbs will be supplied (dependent on order quantity) if a voltage is specified.

Colours - Red, Amber, Green, (Clear & Blue, check availability).

## To create a catalogue number:

Refer to the 2 columns below (terminal and type), then state: Lens colour and voltage.

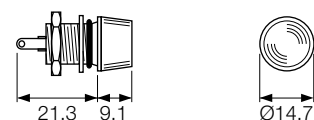
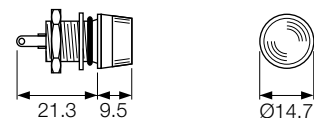
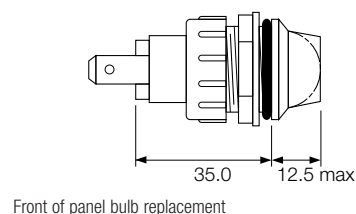
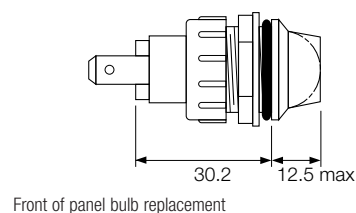
- ▶ IP67 Panel seal
- ▶ Supplied complete with gaskets/'O' rings
- ▶ Up to 50V
- ▶ Red, Amber, Green, Blue and Clear
- ▶ LES, Midget Flange, MES & MBC bulb



**RoHS** RoHS compliant

TERM	TYPE	PANEL & °C	ILLUMINATION OPTIONS
C 6.3	<b>C1090 FPS</b> (MES)  KEMA	19.0 4.0 max T85	
C 6.3	<b>C1091 FQS</b> (MBC)  KEMA	19.0 4.0 max T85	
T	<b>T0062 AOS</b> (Midget flange) Chrome bezel <b>T0063 AOS</b> (LES) Chrome bezel  KEMA	12.7 8.5 max T85	
T	<b>T0062 MOS</b> (LES & Midget flange) <b>T0063 MOS</b> (LES)  KEMA	12.7 8.5 max T85	

## DIMENSIONS (mm)



## F0445 MO

P.V.C. Insulating terminal cover.  
For use with C1090 & C1091

