





# Indicator Lights Neon, LED and Filament Lamp








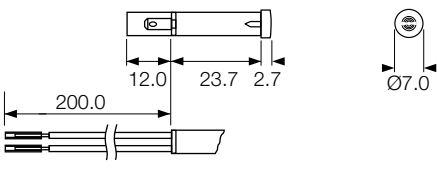







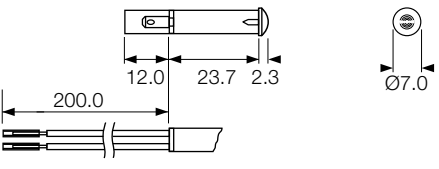







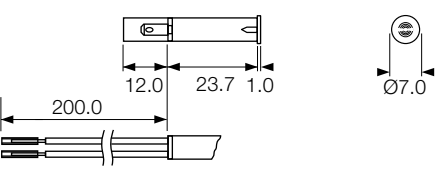















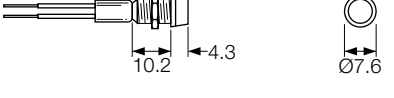









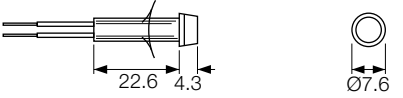
## Colours and voltages:

-  **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.


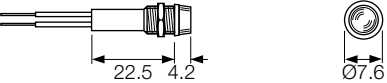

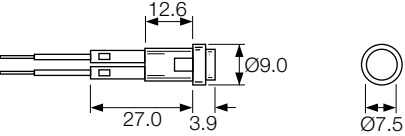

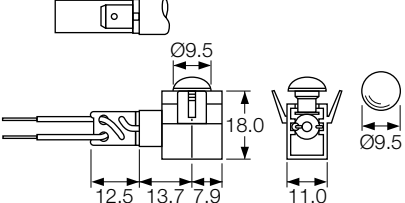

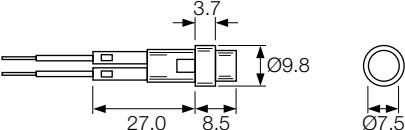

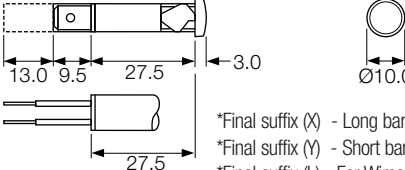

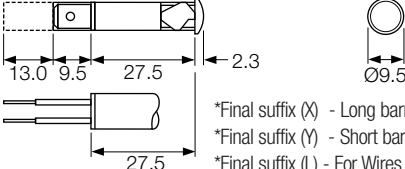
- ▶ Neon, LED, mains LED or filament lamp
- ▶ Bezel sizes from 6.7 to 16.3mm diameter
- ▶ Red, amber, green, blue and clear lenses
- ▶ Red, yellow, green, blue and white LEDs
- ▶ Wide choice of styles

## 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	ILLUM'N OPTIONS	APPROVAL	DIMENSIONS (mm)
B 2.8 L	(B) <b>0566 A</b> 	6.0 2.0max page 6	  	  	
B 2.8 L	(B) <b>0566 B</b> 	6.0 2.0max page 6	  	  	
B 2.8 L	(B) <b>0566 C</b> 	6.0 2.0max page 6	  	  	
C 6.3	(C) <b>0145 AA</b> 	5.8 3.0max page 6	  	  	
L W	(L) <b>1041 00</b> Chrome bezel 	6.3 6.3max page 6	  	  	
L W	(L) <b>1045 00</b> Chrome bezel available 	6.3 10.0max page 6	   	   	

indicators

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

Indicators

# Indicator Lights Neon, LED and Filament Lamp






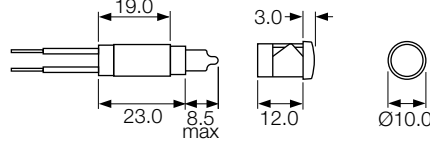










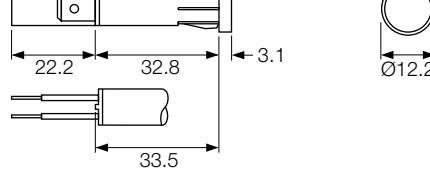













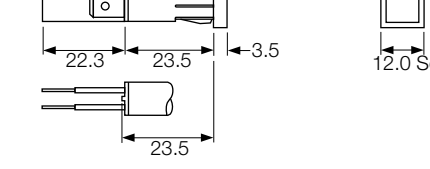











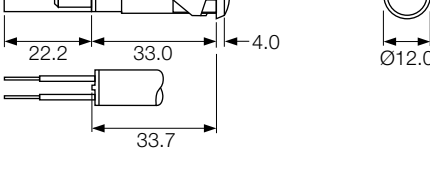














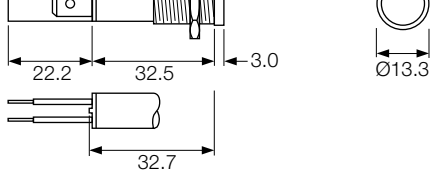














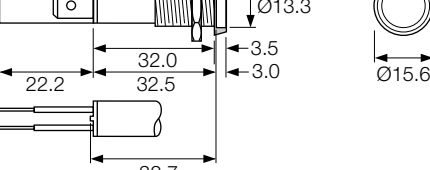








## Colours and voltages:

-  **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

## 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	ILLUM'N OPTIONS	APPROVAL	DIMENSIONS (mm)
L	<b>(L) 0569 AW</b> 	 9.0		 	
		 0.8-2.5			
		 Call sales			
L	<b>(C) 0273 00</b> 	 9.0		  	
K 2.8		 2.0 max			
H 4.8		 page 6			
C 6.3					
L	<b>(C) 0278 00</b> 	 9.0		  	
K 2.8		 2.0 max			
H 4.8		 page 6			
C 6.3					
L	<b>(C) 0276 AA</b> 	 9.5		  	
K 2.8		 0.8-2.8			
H 4.8		 page 6		 	
C 6.3					
L	<b>(C) 0275 00</b> 	 10.0		  	
K 2.8		 12.0 max			
H 4.8		 page 6		 	
C 6.3					
L	<b>(C) 0275 00</b> Chrome bezel 	 10.0		  	
K 2.8		 11.5 max			
H 4.8		 page 6		 	
C 6.3					

indicators

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

Indicators

# Indicator Lights Neon, LED and Filament Lamp





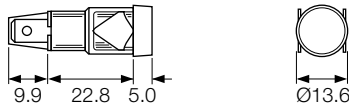













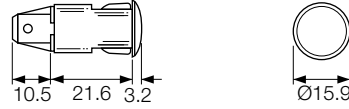













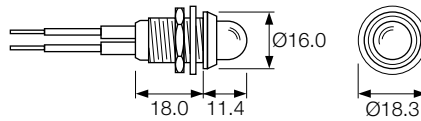













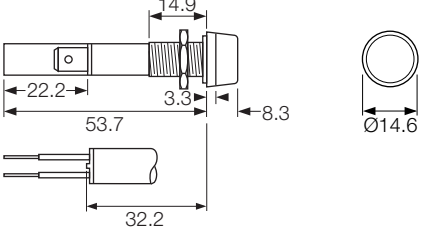













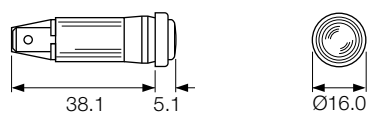













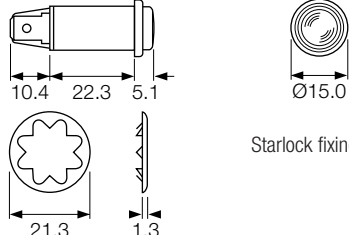









## Colours and voltages:

-  **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.












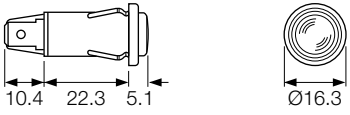















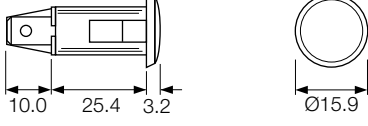








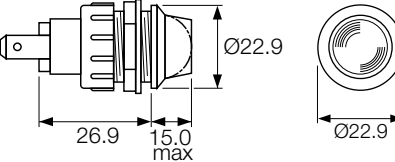
- ▶ Neon, LED, mains LED or filament lamp
- ▶ Bezel sizes from 6.7 to 16.3mm diameter
- ▶ Red, amber, green and clear lenses
- ▶ Red, yellow, green, blue and white LEDs
- ▶ Wide choice of styles

## 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	ILLUM'N OPTIONS	APPROVAL	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			

indicators

TERM	TYPE	PANEL & °C	ILLUM'N OPTIONS	APPROVAL	DIMENSIONS (mm)
<b>L</b>  <b>C 6.3</b> 	<b>(C) 0180BB</b> Chrome bezel 	 13.5  0.9-1.14  page 6	  	 	
<b>L</b>  <b>K 2.8</b>  <b>H 4.8</b>  <b>C 6.3</b> 	<b>(C) 0579 00</b> 	 14.0  2.5max  page 6	   	  	
<b>C 6.3</b> 	<b>(C) 1092</b> 	 19.0  4.0max  page 6	 		

# Indicator Lights Neon, LED and Filament Lamp










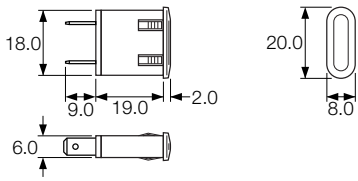







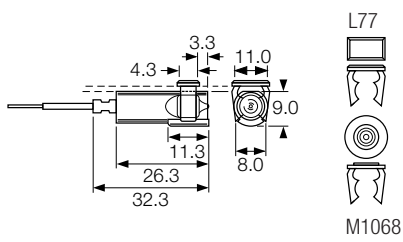






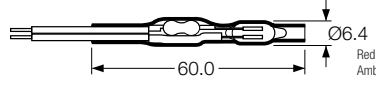
## Colours and voltages:

-  **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

## 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	ILLUM'N OPTIONS	APPROVAL	DIMENSIONS (mm)
H 4.8 	<b>H 0581 AY</b> 	 18.2/18.3 x 6.2/6.3*  2.0-3.5  page 6	 	 	
L 	<b>L 0234 00</b> 	 9.27/9.50 x 4.75*  0.71-1.62  page 6			
L 	<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, 8300 and 7000 switches

## Colours and voltages:

### Neon

Available with Red, Amber, Green or Clear lenses  
100/130V (marked 110V), 200/250V (marked 230V)








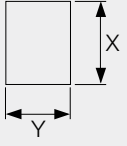
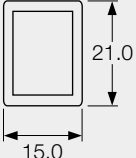







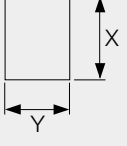
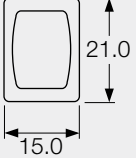



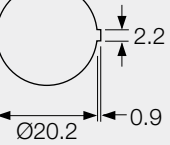
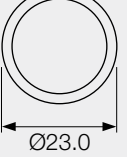








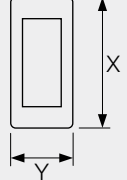







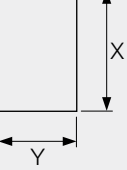
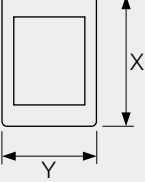







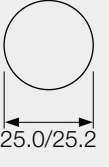
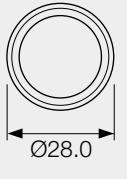
### Filament lamp

Available with Red, Amber or Green lenses  
6V, 12/14V, 24/28V

- ▶ 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

## 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.

TERM	TYPE	ILLUM'N OPTIONS	APPROVAL																																					
H 4.8		 	   	Full product details on pages 12-13	<b>Cut-out</b>	<b>Flange</b>																																		
				<table border="1"> <thead> <tr> <th>Body Code</th> <th>Panel thickness</th> <th>Cut-out X</th> <th>Cut-out Y</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>0.75-1.25</td> <td>19.1/19.2</td> <td>12.9/13.0</td> </tr> <tr> <td></td> <td>1.25-2.0</td> <td>19.3/19.4</td> <td>12.9/13.0</td> </tr> <tr> <td></td> <td>2.0-3.0</td> <td>19.7/19.8</td> <td>12.9/13.0</td> </tr> </tbody> </table>	Body Code	Panel thickness	Cut-out X	Cut-out 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																				
Body Code	Panel thickness	Cut-out X	Cut-out 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																																					
H 4.8		 	   	Full product details on pages 14-15	<b>Cut-out</b>	<b>Flange</b>																																		
T				<table border="1"> <thead> <tr> <th>Body Code</th> <th>Panel thickness</th> <th>Cut-out X</th> <th>Cut-out Y</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>0.75-1.25</td> <td>19.1/19.2</td> <td>12.9/13.0</td> </tr> <tr> <td></td> <td>1.25-2.0</td> <td>19.3/19.4</td> <td>12.9/13.0</td> </tr> <tr> <td></td> <td>2.0-3.0</td> <td>19.7/19.8</td> <td>12.9/13.0</td> </tr> </tbody> </table>	Body Code	Panel thickness	Cut-out X	Cut-out 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																				
Body Code	Panel thickness	Cut-out X	Cut-out 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																																					
X																																								
H 4.8		 		Full product details on pages 33	<b>Cut-out</b>	<b>Flange</b>																																		
				Snap fixing in panels thickness up to 3.0																																				
	Approvals details - contact sales																																							
C 6.3		 	   	Full product details on pages 22-23	<b>Cut-out</b>	<b>Flange</b>																																		
H 4.8				<table border="1"> <thead> <tr> <th rowspan="2">Body Code</th> <th colspan="2">Cut-out</th> <th colspan="2">Flange</th> </tr> <tr> <th>Y</th> <th>X</th> <th>Y</th> <th>X</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>12.2/12.3</td> <td>27.2/27.3</td> <td>14.0</td> <td>30.2</td> </tr> <tr> <td>B</td> <td>11.0/11.1</td> <td>30.0/30.1</td> <td>14.0</td> <td>33.4</td> </tr> <tr> <td>L</td> <td>11.0/11.1</td> <td>30.0/30.1</td> <td>14.0</td> <td>31.9</td> </tr> <tr> <td>R</td> <td>14.0/14.1</td> <td>28.5/28.6</td> <td>17.0</td> <td>31.5</td> </tr> <tr> <td>T</td> <td>11.5/11.6</td> <td>28.2/28.3</td> <td>14.0</td> <td>30.2</td> </tr> </tbody> </table>	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		
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																																				
K 2.8																																								
T																																								
U																																								
C 6.3		 	   	Full product details on pages 28-29	<b>Cut-out</b>	<b>Flange</b>																																		
H 4.8				<table border="1"> <thead> <tr> <th rowspan="2">Body Code</th> <th colspan="2">Cut-out</th> <th colspan="2">Flange</th> </tr> <tr> <th>Y</th> <th>X</th> <th>Y</th> <th>X</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>22.3/22.4</td> <td>27.2/27.3</td> <td>25.0</td> <td>30.2</td> </tr> <tr> <td>B</td> <td>22.1/22.2</td> <td>30.0/30.1</td> <td>25.0</td> <td>33.4</td> </tr> <tr> <td>L</td> <td>22.1/22.2</td> <td>30.0/30.1</td> <td>25.0</td> <td>32.0</td> </tr> <tr> <td>R</td> <td>23.0/25.4</td> <td>28.4/28.5</td> <td>28.9</td> <td>33.2</td> </tr> <tr> <td>T</td> <td>22.3/22.4</td> <td>28.2/28.3</td> <td>25.0</td> <td>30.2</td> </tr> </tbody> </table>	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		
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																																				
K 2.8																																								
T																																								
U																																								
C 6.3		 	   	Full product details on pages 44-45	<b>Cut-out</b>	<b>Flange</b>																																		
H 4.8				<table border="1"> <thead> <tr> <th>Body Code</th> <th>Cut-out</th> <th>Flange</th> </tr> </thead> <tbody> <tr> <td>H</td> <td>Ø25.0/25.2</td> <td>Ø28.0</td> </tr> </tbody> </table>	Body Code	Cut-out	Flange	H	Ø25.0/25.2	Ø28.0																														
Body Code	Cut-out	Flange																																						
H	Ø25.0/25.2	Ø28.0																																						

Indicators



# 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).

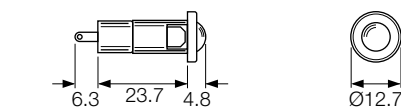
### To create a catalogue number:

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

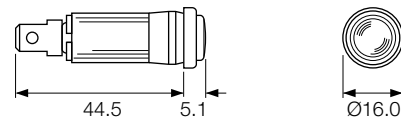
- ▶ Up to 50V
- ▶ Red, Amber, Green, Blue and Clear
- ▶ Linestra/Philinea lamp holder

TERM	TYPE	PANEL & °C
T	<b>T0061 00</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>	 12.7 9.6max T85

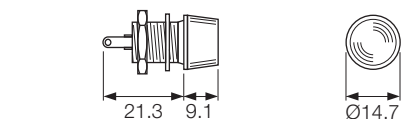
### DIMENSIONS (mm)



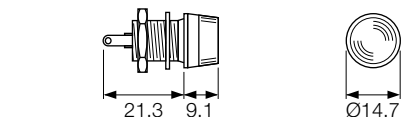
Rear of panel bulb replacement



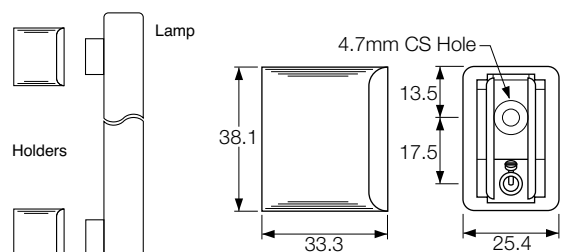
Rear of panel bulb replacement



Front of panel bulb replacement



Front of panel bulb replacement



Paired Architectural lampholders for Linestra or Philinea lamp.

indicators

# Low Voltage Lampholders



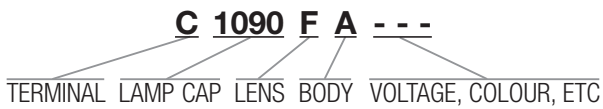
C1090FP --- P1090FL ---

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

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

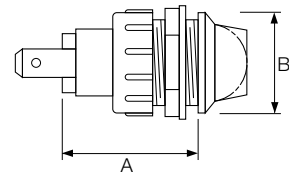
Colours - Red, Amber, Green, (Clear & Blue, check availability). Brass bodies have polished chrome finish.

For Neon & Mains versions see page 71  
For Sealed version see page 80



▶ TERMINAL	▶ LAMP CAP	▶ LENS	▶ THREADED BODY																																																												
<p><b>C</b></p> <p>6.3 x 0.8</p> <p>9.1</p> <p><b>T</b></p> <p>Ø2.0</p> <p>4.8</p> <p>9.1</p> <p>Solder</p> <p><b>S</b></p> <p>9.1</p> <p>Screw and Clamp</p>	<p><b>1090</b> MES (E10)</p> <p><b>1091</b> MBC (BA9s) (C and S Terminals only)</p>	<p><b>F</b> Flat</p> <p><b>V</b> Domed</p> <p><b>L</b> No lens</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> <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> <p>Panel thickness 5.0, except A type body 10.0</p>		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		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
	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																																																											
	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																																																											

## DIMENSIONS mm



## OPTIONS

### F0445 MO

P.V.C. Insulating terminal cover.



Indicators

# 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

### Approvals and specifications



**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	 1.5 12.7 13.9	 Ø7.6
<b>L</b> LED & Wires fitted 				
<b>W</b> LED fitted <b>A</b> LED not fitted 				
<b>L</b> LED & Wires fitted 	<b>(L) 1048 00</b>  5mm LED	 8.0  5.5max  T85	 2.0 10.0 14.5	 Ø9.5
<b>W</b> LED fitted <b>A</b> LED not fitted 				
<b>L</b> LED & Wires fitted 				
<b>L</b> LED & Wires fitted 	<b>(W) 1050 00</b>  5mm LED with focusing reflector	 8.0  7.0max  T85	 2.9 12.4 16.9	 Ø10.0
<b>W</b> LED fitted <b>A</b> LED not fitted 				
<b>L</b> LED & Wires fitted 				
<b>L</b> LED & Wires fitted 	<b>(L) 1035 0A</b>  KEMA UL	 4.5  0.9-1.6  T85	 4.30 20.0 1.0 200.0 1.50 5.08	 5.08
<b>W</b> LED fitted 				
<b>L</b> LED & Wires fitted 				
<b>L</b> LED & Wires fitted 	<b>(L) 1036 0A</b>  KEMA UL	 6.0  0.9-1.6  T85	 5.85 20.0 1.0 200.0 4.0 7.9	 7.9
<b>W</b> LED fitted 				
<b>L</b> LED & Wires fitted 				
<b>L</b> LED & Wires fitted 	<b>(L) 1037 0A</b>  KEMA UL	 6.35  0.9-1.6  T85	 6.15 20.0 1.0 200.0 4.0 7.9	 7.9
<b>W</b> LED fitted 				
<b>L</b> LED & Wires fitted 				

indicators

# 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

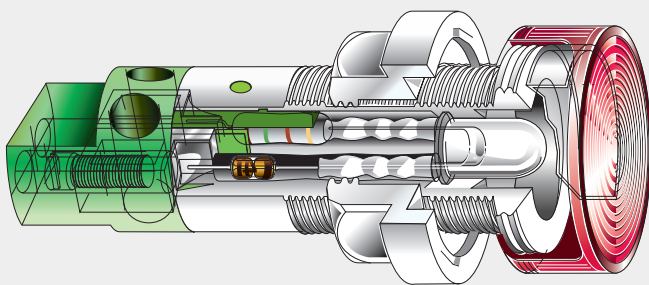
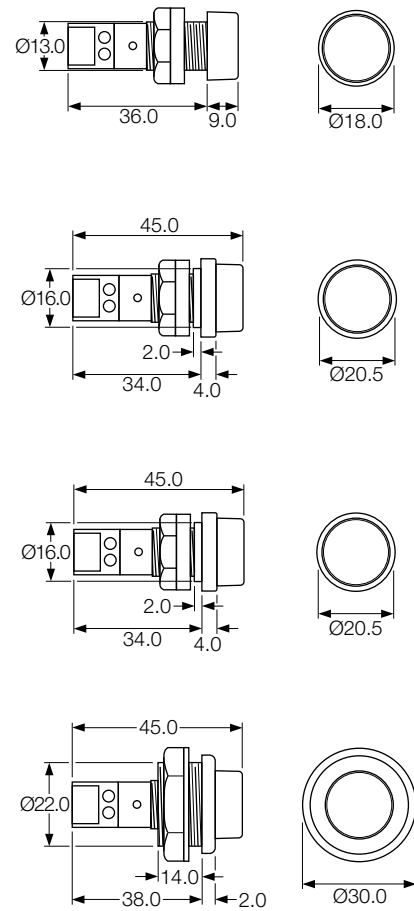
## Approvals and specifications



Approval shown for neon versions only

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.

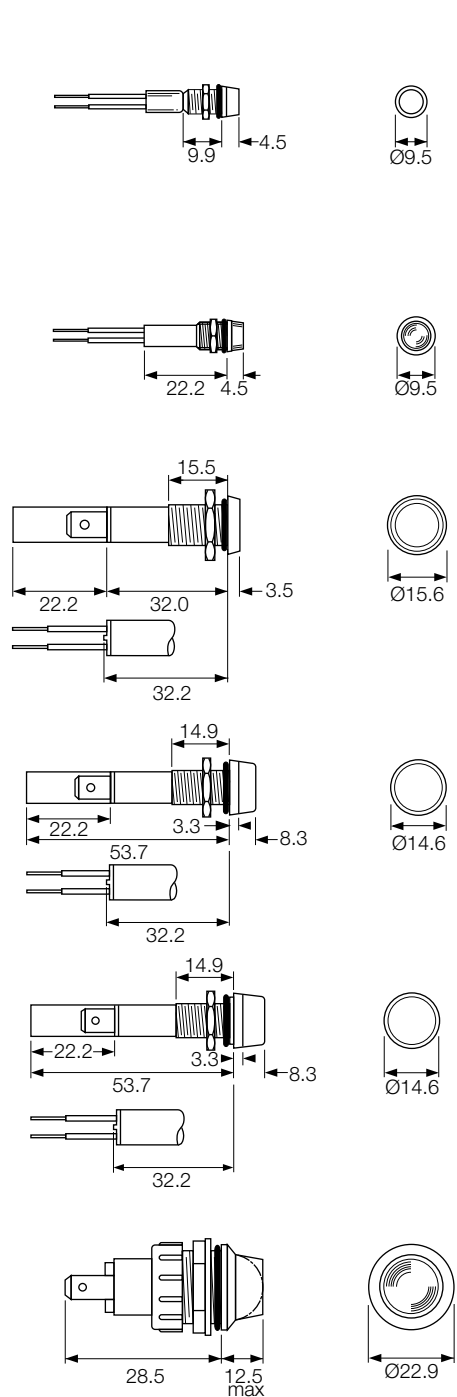
- ▶ IP67 Panel Sealing
- ▶ Supplied complete with gaskets/'O' rings
- ▶ Neon, LED, mains LED or filament lamp
- ▶ Bezel sizes from 7.6 to 22.9mm diameter
- ▶ Red, amber, green, blue and clear lenses
- ▶ Red, yellow, green, blue and white LEDs
- ▶ Wide choice of styles

## 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	ILLUM'N OPTIONS	APPROVAL
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	  	  

## DIMENSIONS (mm)



indicators

# LED Lamps and LED Lampholders - Sealed to IP67

LED Lampholders can be supplied with or without LEDs










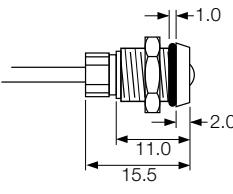










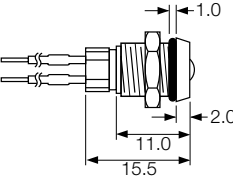










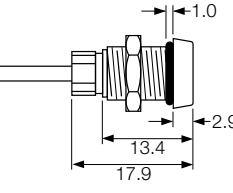










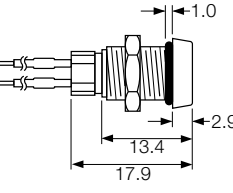

**Colours:** Red, Yellow Green and Blue LEDs.  
(High Intensity is standard. Option of extra super bright).

**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

**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	ILLUM'N OPTIONS	APPROVAL	DIMENSIONS (mm)	
<b>W</b>  LED fitted	<b>(W) 1048 OA</b> 	 8.0  5.5max  T85	 DC  AC	 KEMA  KEMA		 Ø 9.5
<b>L</b>  LED & Wires fitted	<b>L 1048 OA</b> 	 8.0  5.5max  T85	 DC  AC	 KEMA  KEMA		 Ø 9.5
<b>W</b>  LED fitted	<b>(W) 1050 OA</b> 	 8.0  7.0max  T85	 DC  AC	 KEMA  KEMA		 Ø 10.0
<b>L</b>  LED & Wires fitted	<b>L 1050 OA</b> 	 8.0  7.0max  T85	 DC  AC	 KEMA  KEMA		 Ø 10.0

**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.

Indicators



# 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).

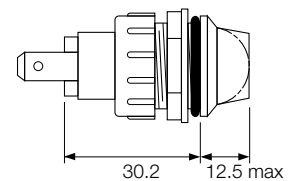
### To create a catalogue number:

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

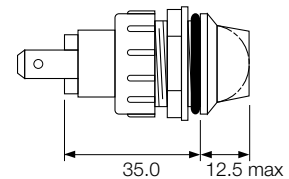
- ▶ IP67 Panel seal
- ▶ Supplied complete with gaskets/'O' rings
- ▶ Up to 50V
- ▶ Red, Amber, Green, Blue and Clear
- ▶ LES, Midget Flange, MES & MBC bulb

▶ TERM	▶ TYPE	▶ PANEL	ILLUM'N OPTIONS	APPROVAL
C 6.3	<b>C1090 FPS</b> (MES) 	19.0 4.0 max T85		
C 6.3	<b>C1091 FQS</b> (MBC) 	19.0 4.0 max T85		
T	<b>T0062 AOS</b> (Midget flange) Chrome bezel <b>T0063 AOS</b> (LES) Chrome bezel 	12.7 8.5 max T85		
T	<b>T0062 MOS</b> (LES & Midget flange) <b>T0063 MOS</b> (LES) 	12.7 8.5 max T85		

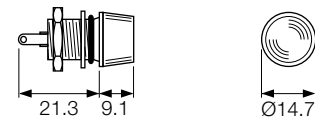
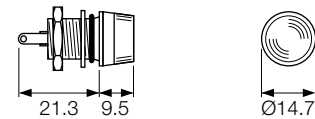
### DIMENSIONS (mm)



Front of panel bulb replacement



Front of panel bulb replacement



### F0445 MO

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



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [arcolectric manufacturer](#):*

Other Similar products are found below :

[H8553VBBG3076W](#) [R13112BBR3](#) [R13112LPBR1](#) [NL275C3A-CHROME](#) [NL67H2A](#) [C1510AABW](#) [C1550WABWCL050B](#) [C5503PLBR5](#)  
[C5503PLBR3](#) [279672](#) [H8500XBBBR076R](#) [R13112B2BR6](#) [R13112BBG3](#) [C1550WABB602AW](#) [C6053ALBG31197W](#) [3700](#) [LE2870C5G](#)  
[LHM62R](#) [512F10AE222](#) [64F500FA383](#) [C1350XBMBBG](#) [C1353ATMBG3602AW](#) [C1300AAAAA](#) [C1353VQGBR3602AW](#)  
[C1353VQGBG3602AW](#) [C1500XAMBBR](#) [T0340RA](#) [L104100FAF](#) [H8503VBBR2](#) [H8503VBNAE](#) [NL67C2R](#) [C3900BA](#) [NL2950BWL2A](#)  
[T22208EAAG](#) [C6053ALBG31197WB](#) [NL177WL2R](#) [C480AABA7](#) [H8503VBBR2-B](#) [468](#) [LH1050WL-3602](#) [T0063AOFAD](#) [C1560AAAAA](#)  
[NL2870WL3R-VDE](#) [NL177WL3G](#) [C5503ATBR2](#) [C6090ALBR2-1197W-B](#) [LE177C39007](#) [LE276C39018](#) [LE2951WL5G](#) [A104700BLACK](#)