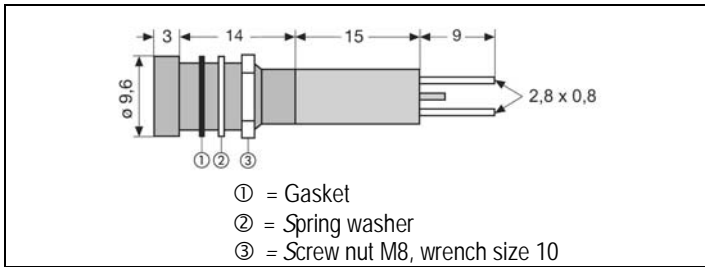




**Panel Mount Indicator, Sunlight Visibility  
Mounting Hole 8mm, Recessed Bezel  
with Resistor and Half Wave Rectifier, IP67**



All dimensions are in mm



Maximum panel thickness: 6.5mm

Electrical and optical data are measured at an ambient temperature of  $T_A = 25^\circ\text{C}$

Storage temperature  $T_{STG} : -25^\circ\text{C} - +80^\circ\text{C}$   
Ambient temperature  $T_A : -20^\circ\text{C} - +60^\circ\text{C}$   
Voltage tolerance  $V_{OP} : \pm 10\%$

Part No.	Color	Voltage $V_{OP}$ [V] AC/DC	Current $I_{OP\ typ.}$ [mA] AC/DC	Lumi. Intensity LED $**I_v\ typ.$ [mcd]	Dominant Wavelength $\lambda_D$ [nm]
<b>Satin Chrome Bezel</b>					
WL-19090250	red	12	9/17	1250	630
WL-19090252	yellow	12	9/17	1200	589
WL-19090255	green	12	9/17	1400	525
WL-19090257	blue	12	9/17	700	470
WL-1909025W	white	12	9/17	1100	*
WL-19090350	red	24	9/17	1250	630
WL-19090352	yellow	24	9/17	1200	589
WL-19090355	green	24	9/17	1400	525
WL-19090357	blue	24	9/17	700	470
WL-1909035W	white	24	9/17	1100	*
WL-19090450	red	28	9/17	1250	630
WL-19090452	yellow	28	9/17	1200	589
WL-19090455	green	28	9/17	1400	525
WL-19090457	blue	28	9/17	700	470
WL-1909045W	white	28	9/17	1100	*
<b>Black Chrome Bezel</b>					
WL-19091250	red	12	9/17	1250	630
WL-19091252	yellow	12	9/17	1200	589
WL-19091255	green	12	9/17	1400	525
WL-19091257	blue	12	9/17	700	470
WL-1909125W	white	12	9/17	1100	*
WL-19091350	red	24	9/17	1250	630
WL-19091352	yellow	24	9/17	1200	589
WL-19091355	green	24	9/17	1400	525
WL-19091357	blue	24	9/17	700	470
WL-1909135W	white	24	9/17	1100	*
WL-19091450	red	28	9/17	1250	630
WL-19091452	yellow	28	9/17	1200	589
WL-19091455	green	28	9/17	1400	525
WL-19091457	blue	28	9/17	700	470
WL-1909145W	white	28	9/17	1100	*

\* Chromaticity coordinates  $X = 0.31$   $Y = 0.32$

\*\* Luminous intensity data of the used LEDs at:  $I_{OP\ typ. DC}$

1) These Wamco indicators are built with a protection diode in series with the resistor and the LED. They can be used on DC voltage and AC voltage. The typical light reduction on AC voltage operation against DC voltage operation is around 25%.

- 2) Degree of protection: IP67 in accordance to DIN EN 60529. Gap between LED and bezel and gap between bezel and front plate sealed to IP67 when using the supplied gasket
- 3) Mounting hole  $8 + 0.2\text{mm}$ .
- 4) Connection is by solder tab terminals  $2.8 \times 0.8\text{mm}$ .
- 5) Due to production tolerances, color temperature variations may be detected within individual consignments.

Drawn	ND	10/10/06	<b>Panel Mount Indicators 8mm Sunlight Visibility</b>	<b>Datasheet:</b> WL-1909XX5X	<b>Rev:</b>
Checked	EB	10/10/06			
Approved	EB	10/11/06			