



All dimensions are in mm.

Maximum Panel thickness: 10mm

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 $U_{OP} : \pm 10\%$

| Part No. | Color | Voltage U_{OP} [V] AC/DC | Current $I_{OP\ typ.}$ [mA] AC/DC | Lumi. Intensity LED $**I_{V\ typ.}$ [mcd] | Dominant Wavelength λ_D [nm] |
|---------------------------|--------|----------------------------------|---|---|--|
| Satin chrome bezel | | | | | |
| WL-192A0250 | red | 12 | 9/17 | 1000 | 630 |
| WL-192A0251 | green | 12 | 9/17 | 1400 | 525 |
| WL-192A0252 | yellow | 12 | 9/17 | 1300 | 589 |
| WL-192A0257 | blue | 12 | 9/17 | 800 | 465 |
| WL-192A025W | white | 12 | 9/17 | 2100 | * |
| WL-192A0350 | red | 24 | 9/17 | 1000 | 630 |
| WL-192A0351 | green | 24 | 9/17 | 1400 | 525 |
| WL-192A0352 | yellow | 24 | 9/17 | 1300 | 589 |
| WL-192A0357 | blue | 24 | 9/17 | 800 | 465 |
| WL-192A035W | white | 24 | 9/17 | 2100 | * |
| WL-192A0450 | red | 28 | 9/17 | 1000 | 630 |
| WL-192A0451 | green | 28 | 9/17 | 1400 | 525 |
| WL-192A0452 | yellow | 28 | 9/17 | 1300 | 589 |
| WL-192A0457 | blue | 28 | 9/17 | 800 | 465 |
| WL-192A045W | white | 28 | 9/17 | 2100 | * |
| Black chrome bezel | | | | | |
| WL-192A1250 | red | 12 | 9/17 | 1000 | 630 |
| WL-192A1251 | green | 12 | 9/17 | 1400 | 525 |
| WL-192A1252 | yellow | 12 | 9/17 | 1300 | 589 |
| WL-192A1257 | blue | 12 | 9/17 | 800 | 465 |
| WL-192A125W | white | 12 | 9/17 | 2100 | * |
| WL-192A1350 | red | 24 | 9/17 | 1000 | 630 |
| WL-192A1351 | green | 24 | 9/17 | 1400 | 525 |
| WL-192A1352 | yellow | 24 | 9/17 | 1300 | 589 |
| WL-192A1357 | blue | 24 | 9/17 | 800 | 465 |
| WL-192A135W | white | 24 | 9/17 | 2100 | * |
| WL-192A1450 | red | 28 | 9/17 | 1000 | 630 |
| WL-192A1451 | green | 28 | 9/17 | 1400 | 525 |
| WL-192A1452 | yellow | 28 | 9/17 | 1300 | 589 |
| WL-192A1457 | blue | 28 | 9/17 | 800 | 465 |
| WL-192A145W | white | 28 | 9/17 | 2100 | * |
| Matte chrome bezel | | | | | |
| WL-192A2250 | red | 12 | 9/17 | 1000 | 630 |
| WL-192A2251 | green | 12 | 9/17 | 1400 | 525 |
| WL-192A2252 | yellow | 12 | 9/17 | 1300 | 589 |
| WL-192A2257 | blue | 12 | 9/17 | 800 | 465 |
| WL-192A225W | white | 12 | 9/17 | 2100 | * |
| WL-192A2350 | red | 24 | 9/17 | 1000 | 630 |
| WL-192A2351 | green | 24 | 9/17 | 1400 | 525 |
| WL-192A2352 | yellow | 24 | 9/17 | 1300 | 589 |
| WL-192A2357 | blue | 24 | 9/17 | 800 | 465 |
| WL-192A235W | white | 24 | 9/17 | 2100 | * |
| WL-192A2450 | red | 28 | 9/17 | 1000 | 630 |
| WL-192A2451 | green | 28 | 9/17 | 1400 | 525 |
| WL-192A2452 | yellow | 28 | 9/17 | 1300 | 589 |
| WL-192A2457 | blue | 28 | 9/17 | 800 | 465 |
| WL-192A245W | white | 28 | 9/17 | 2100 | * |

* Chromaticity coordinates X=0.31 Y=0.31

** 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 $14 \pm 0.2\text{mm}$.
- 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 | 04/24/07 | ND | Panel Mount Indicators 14mm Sunlight Readable | Datasheet: WL-192AXX5X | Rev: A |
| Checked | 04/24/07 | EB | | | |
| Approved | 04/25/07 | EB | | | |