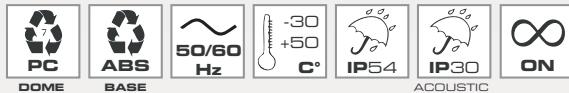




CTL 600



> VERSIONS WITH ACOUSTICS <  
> 2 LUMINOUS SOURCES <



**CTL 600 STEADY**

- CLASS 2
- SELF EXTINGUISHING
- Ba 15d
- mA max 415

**CTL 600 STEADY/FLASHING**

- Ba 15d
- FPM 110 +/-20
- mA max 430
- dB max 65
- ACOUSTIC 2

**CTL 600 LED**

- LED SMD
- CPM 3F 140 +/-10
- mA max 170
- dB max 68
- ACOUSTIC 2

ALSO AVAILABLE



CTL 600 ACOUSTIC (Acoustic version)

## CTL 600

Luminous device, 60mm diameter, engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

### KEY CHARACTERISTICS

#### LIGHT EFFECTS

CTL 600 STEADY: STEADY LIGHT  
CTL 600 STEADY/FLASHING and LED: STEADY/FLASHING LIGHT

#### NUMBER OF TONES (for ACOUSTIC versions)

CTL 600 STEADY/FLASHING and LED | 2 (Continuous and Intermittent Sound)

#### VOLTAGES

CTL 600 STEADY: 12/240V ACDC +/-10%  
CTL 600 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%  
CTL 600 STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%  
CTL 600 LED and ACOUSTIC: 12/24V ACDC, 90/240V AC +/-10%

#### PROTECTION GRADE

IP54 | ACOUSTIC: IP30

#### OPERATING TEMPERATURE

-30/+50 °C

#### MECHANICAL FEATURES

ABS base, polycarbonate dome. Screw mounting (screws not included)

#### OPTICAL FEATURES

5W Incandescent lamp with Ba 15d socket  
SMD LED technology: flashing effect (triple-flash 3F)

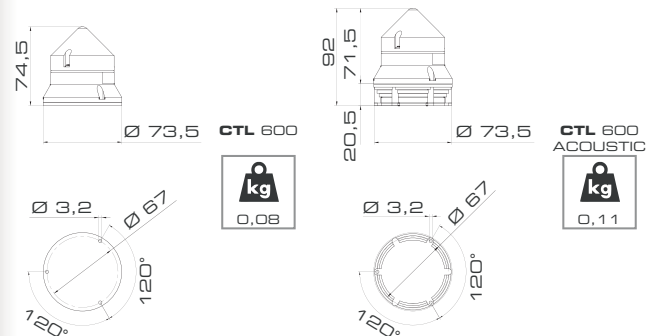
#### ACOUSTIC FEATURES

CTL 600 STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 110 (with flashing light). Frequency: 3600Hz

CTL 600 LED: continuous sound (with steady light) or intermittent sound F/m 180 (with flashing light). Frequency: 3200Hz

ACOUSTIC versions with integrated piezoelectrical unit

#### DRAWINGS, DIMENSIONS AND WEIGHTS



#### CERTIFICATIONS

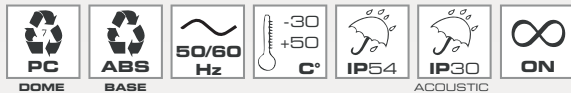




CTL 900



> VERSIONS WITH ACOUSTICS <  
> 3 LUMINOUS SOURCES <



**CTL 900 STEADY**

CLASS 2, SELF EXTINGUISHING, Ba 15d, mA max 830

**CTL 900 STEADY/FLASHING**

Ba 15d, FPM 110 +/-20, mA max 850, (dB max) 72, 2 ACOUSTIC

**CTL 900 LED**

LED SMD, CPM 3F 140 +/-10, mA max 320, (dB max) 72, 2 ACOUSTIC

**CTL 900 X**

X XENON, -10/+40 °C, FPM 1F 65 +/-10, mA max 300, (dB max) 72, 1 ACOUSTIC

ALSO AVAILABLE



CTL 900 ACOUSTIC  
(Acoustic version)

## CTL 900

Luminous device, 90mm diameter, engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)
- flashing light with Xenon discharge tube (X version).

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

### KEY CHARACTERISTICS

#### LIGHT EFFECTS

CTL 900 STEADY: STEADY LIGHT  
CTL 900 STEADY/FLASHING and LED: STEADY/FLASHING LIGHT  
CTL 900 X: XENON FLASHING LIGHT

#### NUMBER OF TONES (for ACOUSTIC versions)

CTL 900 STEADY/FLASHING and LED | 2 (Continuous and Intermittent Sound)  
CTL 900 X | 1 (Intermittent Sound)

#### VOLTAGES

CTL 900 STEADY: 12/240V ACDC +/-10%  
CTL 900 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%  
CTL 900 STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%  
CTL 900 LED and ACOUSTIC: 12/24V ACDC, 90/240V AC +/-10%  
CTL 900 X and ACOUSTIC: 12/24V ACDC, 110V AC, 240V AC +/-10%

#### PROTECTION GRADE

IP54 | ACOUSTIC: IP30

#### OPERATING TEMPERATURE

-30/+50 °C | X: -10/+40 °C

#### MECHANICAL FEATURES

ABS base, polycarbonate dome. Screw mounting (screws not included)

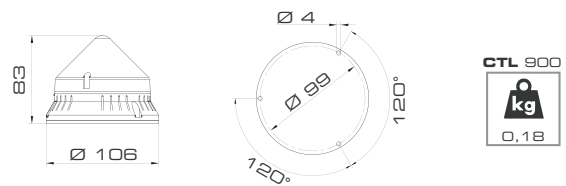
#### OPTICAL FEATURES

10W Incandescent lamp with Ba 15d socket  
SMD LED technology: flashing effect (triple-flash 3F)  
Xenon discharge tube: 1J single flash (1F)

#### ACOUSTIC FEATURES

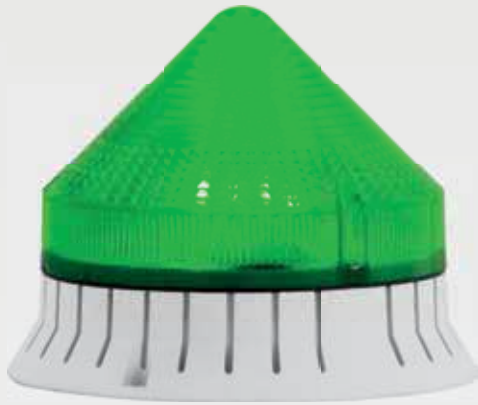
CTL 900 STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 110 (with flashing light). Frequency: 2700Hz  
CTL 900 LED: continuous sound (with steady light) or intermittent sound F/m 160 (with flashing light). Frequency: 2700Hz  
CTL 900 X: intermittent sound F/m 65. Frequency: 3800Hz  
ACOUSTIC versions with integrated piezoelectrical unit

#### DRAWINGS, DIMENSIONS AND WEIGHTS



#### CERTIFICATIONS

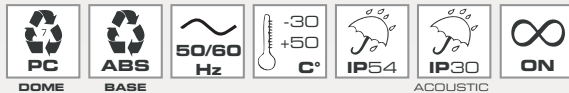




CTL 1200



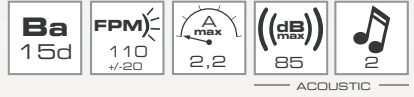
> VERSIONS WITH ACOUSTICS <  
> 3 LUMINOUS SOURCES <



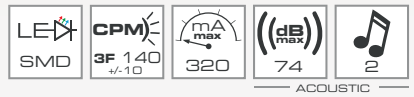
CTL 1200 STEADY



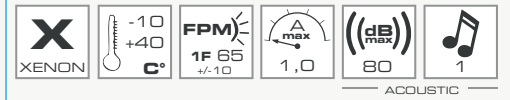
CTL 1200 STEADY/FLASHING



CTL 1200 LED



CTL 1200 X



ALSO AVAILABLE



CTL 1200 ACOUSTIC  
(Acoustic version)

## CTL 1200

Luminous device, 120mm diameter, engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)
- flashing light with Xenon discharge tube (X version).

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

### KEY CHARACTERISTICS

#### LIGHT EFFECTS

CTL 1200 STEADY: STEADY LIGHT  
CTL 1200 STEADY/FLASHING and LED: STEADY/FLASHING LIGHT  
CTL 1200 X: XENON FLASHING LIGHT

#### NUMBER OF TONES (for ACOUSTIC versions)

CTL 1200 STEADY/FLASHING and LED | 2 (Continuous and Intermittent Sound)  
CTL 1200 X | 1 (Intermittent Sound)

#### VOLTAGES

CTL 1200 STEADY: 12/240V ACDC +/-10%  
CTL 1200 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%  
CTL 1200 STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%  
CTL 1200 LED and ACOUSTIC: 12/24V ACDC, 90/240V AC +/-10%  
CTL 1200 X and ACOUSTIC: 12/24V ACDC, 110V AC, 240V AC +/-10%

#### PROTECTION GRADE

IP54 | ACOUSTIC: IP30

#### OPERATING TEMPERATURE

-30/+50 °C | X: -10/+40 °C

#### MECHANICAL FEATURES

ABS base, polycarbonate dome. Screw mounting (screws not included)

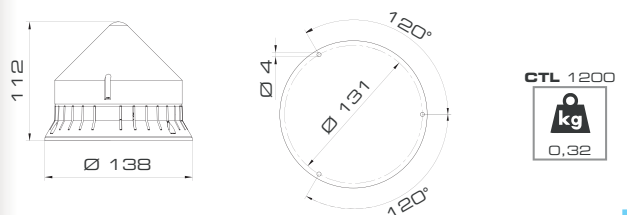
#### OPTICAL FEATURES

25W Incandescent lamp with Ba 15d socket  
SMD LED technology: flashing effect (triple-flash 3F)  
Xenon discharge tube: Powerful 6J single flash (1F)

#### ACOUSTIC FEATURES

CTL 1200 STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 110 (with flashing light). Frequency: 3600Hz  
CTL 1200 LED: continuous sound (with steady light) or intermittent sound F/m 160 (with flashing light). Frequency: 2700Hz  
CTL 1200 X: intermittent sound F/m 65. Frequency: 3700Hz  
ACOUSTIC versions with integrated piezoelectrical unit

#### DRAWINGS, DIMENSIONS AND WEIGHTS



#### CERTIFICATIONS



**CTL STEADY\*** - Steady light with incandescent bulb

|             |              | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    |
|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>600</b>  | 12/240V ACDC | 33831 | 33861 | 33832 | 33862 | 33833 | 33863 | 33834 | 33864 | 33835 | 33865 | 33836 | 33866 |
| <b>900</b>  | 12/240V ACDC | 33841 | 33871 | 33842 | 33872 | 33843 | 33873 | 33844 | 33874 | 33845 | 33875 | 33846 | 33876 |
| <b>1200</b> | 12/240V ACDC | 33851 | 33881 | 33852 | 33882 | 33853 | 33883 | 33854 | 33884 | 33855 | 33885 | 33856 | 33886 |

\*Supplied without bulb

**CTL STEADY/FLASHING\*** - Steady/flashing light with incandescent bulb

|             |            | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    |
|-------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>600</b>  | 12/48V DC  | 33521 | 33541 | 33522 | 33542 | 33523 | 33543 | 33524 | 33544 | 33525 | 33545 | 33526 | 33546 |
|             | 24/240V AC | 33531 | 33551 | 33532 | 33552 | 33533 | 33553 | 33534 | 33554 | 33535 | 33555 | 33536 | 33556 |
| <b>900</b>  | 12/48V DC  | 33561 | 33581 | 33562 | 33582 | 33563 | 33583 | 33564 | 33584 | 33565 | 33585 | 33566 | 33586 |
|             | 24/240V AC | 33571 | 33591 | 33572 | 33592 | 33573 | 33593 | 33574 | 33594 | 33575 | 33595 | 33576 | 33596 |
| <b>1200</b> | 12/48V DC  | 33601 | 33621 | 33602 | 33622 | 33603 | 33623 | 33604 | 33624 | 33605 | 33625 | 33606 | 33626 |
|             | 24/240V AC | 33611 | 33631 | 33612 | 33632 | 33613 | 33633 | 33614 | 33634 | 33615 | 33635 | 33616 | 33636 |

\*Supplied without bulb

**ACOUSTIC** - Steady/flashing light with incandescent bulb + Acoustics

|             |          |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>600</b>  | 12 ACDC  | 33651 | 78191 | 33652 | 78192 | 33653 | 78193 | 33654 | 78194 | 33655 | 78195 | 33656 | 78196 |
|             | 24 ACDC  | 33661 | 78201 | 33662 | 78202 | 33663 | 78203 | 33664 | 78204 | 33665 | 78205 | 33666 | 78206 |
|             | 48V ACDC | 33671 | 78211 | 33672 | 78212 | 33673 | 78213 | 33674 | 78214 | 33675 | 78215 | 33676 | 78216 |
|             | 110V AC  | 33681 | 78221 | 33682 | 78222 | 33683 | 78223 | 33684 | 78224 | 33685 | 78225 | 33686 | 78226 |
|             | 240V AC  | 33701 | 78241 | 33702 | 78242 | 33703 | 78243 | 33704 | 78244 | 33705 | 78245 | 33706 | 78246 |
| <b>900</b>  | 12 ACDC  | 33711 | 78251 | 33712 | 78252 | 33713 | 78253 | 33714 | 78254 | 33715 | 78255 | 33716 | 78256 |
|             | 24 ACDC  | 33721 | 78261 | 33722 | 78262 | 33723 | 78263 | 33724 | 78264 | 33725 | 78265 | 33726 | 78266 |
|             | 48V ACDC | 33731 | 78271 | 33732 | 78272 | 33733 | 78273 | 33734 | 78274 | 33735 | 78275 | 33736 | 78276 |
|             | 110V AC  | 33741 | 78281 | 33742 | 78282 | 33743 | 78283 | 33744 | 78284 | 33745 | 78285 | 33746 | 78286 |
|             | 240V AC  | 33761 | 78301 | 33762 | 78302 | 33763 | 78303 | 33764 | 78304 | 33765 | 78305 | 33766 | 78306 |
| <b>1200</b> | 12 ACDC  | 33771 | 78311 | 33772 | 78312 | 33773 | 78313 | 33774 | 78314 | 33775 | 78315 | 33776 | 78316 |
|             | 24 ACDC  | 33781 | 78321 | 33782 | 78322 | 33783 | 78323 | 33784 | 78324 | 33785 | 78325 | 33786 | 78326 |
|             | 48V ACDC | 33791 | 78331 | 33792 | 78332 | 33793 | 78333 | 33794 | 78334 | 33795 | 78335 | 33796 | 78336 |
|             | 110V AC  | 33801 | 78341 | 33802 | 78342 | 33803 | 78343 | 33804 | 78344 | 33805 | 78345 | 33806 | 78346 |
|             | 240V AC  | 33821 | 78361 | 33822 | 78362 | 33823 | 78363 | 33824 | 78364 | 33825 | 78365 | 33826 | 78366 |

\*Supplied with bulb

**CTL LED** - LED steady/flashing light

|             |   | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    |
|-------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>600</b>  | 12/24V ACDC   | 38661 | 38901 | 38662 | 38902 | 38663 | 38903 | 38664 | 38904 | 38665 | 38905 | 38666 | 38906 |
|             | 90/240V AC  | 38671 | 38911 | 38672 | 38912 | 38673 | 38913 | 38674 | 38914 | 38675 | 38915 | 38676 | 38916 |
| <b>900</b>  | 12/24V ACDC   | 38701 | 38921 | 38702 | 38922 | 38703 | 38923 | 38704 | 38924 | 38705 | 38925 | 38706 | 38926 |
|             | 90/240V AC  | 38711 | 38931 | 38712 | 38932 | 38713 | 38933 | 38714 | 38934 | 38715 | 38935 | 38716 | 38936 |
| <b>1200</b> | 12/24V ACDC   | 38741 | 38941 | 38742 | 38942 | 38743 | 38943 | 38744 | 38944 | 38745 | 38945 | 38746 | 38946 |
|             | 90/240V AC  | 38751 | 38951 | 38752 | 38952 | 38753 | 38953 | 38754 | 38954 | 38755 | 38955 | 38756 | 38956 |
|             | <b>ACOUSTIC</b> - LED steady/flashing light + Acoustics |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>600</b>  | 12/24V ACDC   | 38681 | 38961 | 38682 | 38962 | 38683 | 38963 | 38684 | 38964 | 38685 | 38965 | 38686 | 38966 |
|             | 90/240V AC  | 38691 | 38971 | 38692 | 38972 | 38693 | 38973 | 38694 | 38974 | 38695 | 38975 | 38696 | 38976 |
| <b>900</b>  | 12/24V ACDC   | 38721 | 38981 | 38722 | 38982 | 38723 | 38983 | 38724 | 38984 | 38725 | 38985 | 38726 | 38986 |
|             | 90/240V AC  | 38731 | 38991 | 38732 | 38992 | 38733 | 38993 | 38734 | 38994 | 38735 | 38995 | 38736 | 38996 |
| <b>1200</b> | 12/24V ACDC   | 38761 | 39001 | 38762 | 39002 | 38763 | 39003 | 38764 | 39004 | 38765 | 39005 | 38766 | 39006 |
|             | 90/240V AC  | 38771 | 39011 | 38772 | 39012 | 38773 | 39013 | 38774 | 39014 | 38775 | 39015 | 38776 | 39016 |

**CTL X\*** - Flashing light with Xenon discharge tube

|             |             | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    | GY    | BK    |
|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>900</b>  | 12/24V ACDC | 64442 | 27560 | 64443 | 27561 | 64444 | 27562 | 64445 | 27563 | 64446 | 27564 | 64447 | 27565 |
|             | 110V AC     | 64448 | 27073 | 64449 | 27074 | 64450 | 27075 | 64451 | 27076 | 64452 | 27077 | 64453 | 27078 |
|             | 240V AC     | 64454 | 27079 | 64455 | 27080 | 64456 | 27081 | 64457 | 27082 | 64458 | 27083 | 64459 | 27084 |
| <b>1200</b> | 12/24V ACDC | 64524 | 27384 | 64525 | 27385 | 64526 | 27386 | 64527 | 27387 | 64528 | 27388 | 64529 | 27389 |
|             | 110V AC     | 64530 | 27390 | 64531 | 27391 | 64532 | 27392 | 64533 | 27393 | 64534 | 27394 | 64535 | 27395 |
|             | 240V AC     | 64536 | 27396 | 64537 | 27397 | 64538 | 27398 | 64539 | 27399 | 64540 | 27400 | 64541 | 27401 |

\*Supplied with bulb

**ACOUSTIC** - Flashing light with Xenon discharge tube + Acoustics

|             |             |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>900</b>  | 12/24V ACDC | 27566 | 78371 | 27567 | 78372 | 27568 | 78373 | 27569 | 78374 | 27570 | 78375 | 27571 | 78376 |
|             | 110V AC     | 27133 | 78381 | 27134 | 78382 | 27135 | 78383 | 27136 | 78384 | 27137 | 78385 | 27138 | 78386 |
|             | 240V AC     | 27139 | 78391 | 27140 | 78392 | 27141 | 78393 | 27142 | 78394 | 27143 | 78395 | 27144 | 78396 |
| <b>1200</b> | 12/24V ACDC | 27480 | 78511 | 27481 | 78512 | 27482 | 78513 | 27483 | 78514 | 27484 | 78515 | 27485 | 78516 |
|             | 110V AC     | 27486 | 78521 | 27487 | 78522 | 27488 | 78523 | 27489 | 78524 | 27490 | 78525 | 27498 | 78526 |
|             | 240V AC     | 27492 | 78531 | 27493 | 78532 | 27494 | 78533 | 27495 | 78534 | 27496 | 78535 | 27497 | 78536 |

\*Supplied with bulb

**SPARE DOMES**

|             |  |       |  |       |  |       |  |       |  |       |  |       |
|-------------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|
| <b>600</b>  |  | 71190 |  | 71191 |  | 71192 |  | 71193 |  | 71194 |  | 71195 |
| <b>900</b>  |  | 71196 |  | 71197 |  | 71198 |  | 71199 |  | 71200 |  | 71201 |
| <b>1200</b> |  | 71090 |  | 71091 |  | 71092 |  | 71093 |  | 71094 |  | 71095 |