


DATASHEET - SL 150 SERIES COMBINED PRODUCTS

AUDIBLE & VISUAL SIGNALLING EQUIPMENT

TECHNICAL DATA

| MATERIAL | <ul style="list-style-type: none"> • ENCLOSURE : Glass Reinforced Polyester • LENS: Tempered borosilicate glass 3.3 • FRAME: Stainless Steel 316L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------|--------|---------|---------|---------|---------|-------------|--------|--------|--------|-------|-------|--------------|---------|--------|--------|--------|-------|--------------|---------|--------|--------|--------|-------|--------------|----|--------|--------|--------|--------|
| COLOUR | • RED : RAL 3001 - YELLOW** : RAL1018 - BLUE** : RAL5005 - BLACK** : RAL9005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INGRESS PROTECTION | • IP66/67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBIENT TEMPERATURE FOR OPERATION | • T6 = - 40°C ~ + 55°C , T5 = - 40°C ~ + 60°C, T4 = - 40°C ~ + 70°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CERTIFICATION | • Nemko 13 ATEX 1566X, IECEx NEM 13.0036X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX CODE | •  II 2 GD Ex d IIC T4 ~ T6 Gb, Ex tb IIIC T135°C ~T85°C, | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STANDARD | • EN / IEC 60079-0, EN / IEC 60079-1, EN / IEC 60079-31, | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATEX AREA ZONE | • Gas zone : 1 & 2 Dust zone : 21 & 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANDELA LENS COLOR | • Red : 0.15 • Amber : 0.51 • Blue : 0.12 • Green : 0.49 • Clear : 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIGHT TYPE | Flash tube (XENON) LED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRUE LIGHT INTENSITY | <ul style="list-style-type: none"> • 5 joules = 109 Cd • 10 joules = 293 Cd • 5 W = 128 Cd • 10W = 312 Cd • 15 joules = 395 cd • 21 joules = 424 Cd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEAK LIGHT INTENSITY | <ul style="list-style-type: none"> • 5 joules = 35970 Cd • 10 joules = 66804 Cd • 15 joules = 83345 Cd • 21 joules = 95824 Cd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIME LIFE | • Emissions are reduced to 70% after 8 million flashes • >50 000 hours without luminosity decreasing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLINKING OR ROTARY FREQUENCY (0 = steady status) | <ul style="list-style-type: none"> • 60/80/120 times/min • 100/120/150 times/min • 120/150/180 times/min • 60/75/0 times/min • 60/75/100 times/min • 75/95/0 times/min • 75/95/120 times/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSUMPTION BEACON | <ul style="list-style-type: none"> • 5 Joules = 10W • 10 Joules = 15W • 5W • 10W • 15 Joules = 20W • 21 Joules = 25W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMBIENT HUMIDITY* | • until 95%* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POWER SUPPLY | • 12-48V DC • 12-48V AC (50/60hz) • 100-240V AC (50/60hz) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RATED IMPULSE WITHSTAND VOLTAGE | • 1kV following IEC 61000-4-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKING CURRENT LED | <table border="1"> <thead> <tr> <th>Power</th> <th>12V DC</th> <th>24V DC</th> <th>48V DC</th> <th>110V AC</th> <th>220V AC</th> </tr> </thead> <tbody> <tr> <td>• 5W</td> <td>530 mA</td> <td>260 mA</td> <td>120 mA</td> <td>80 mA</td> <td>40 mA</td> </tr> <tr> <td>• 10W</td> <td>1100 mA</td> <td>530 mA</td> <td>240 mA</td> <td>160 mA</td> <td>80 mA</td> </tr> </tbody> </table> | Power | 12V DC | 24V DC | 48V DC | 110V AC | 220V AC | • 5W | 530 mA | 260 mA | 120 mA | 80 mA | 40 mA | • 10W | 1100 mA | 530 mA | 240 mA | 160 mA | 80 mA | | | | | | | | | | | | |
| Power | 12V DC | 24V DC | 48V DC | 110V AC | 220V AC | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Energy | 12V DC | 24V DC | 48V DC | 110V AC | 220V AC | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CABLES ENTRY | • 2 x M20, M25**, 1/2" NPT**, 3/4" NPT** or other** (Specify) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TERMINAL | • From 22 to 14 AWG - from 0.50 mm ² to 2.5 mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NET WEIGHT | • SL150-A : 10.2 Kg, SL150-B : 15 Kg, SL150-C : 20.2 Kg, SL150-D : 23.90 Kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXTERNAL TRIGGER** | • 25Hz <f<50Hz 40V<u<100V Z = 2k Ohms | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * = without runoff - ** = optional - cable gland and blind plug not provided | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MEANING OF LENS COLOR USAGE IN THE INTERNATIONAL STANDARD (IEC 60073)

| COLOR | MEANING | ACTION | EXAMPLE |
|---------|-------------------------|---|--|
| ■ RED | EMERGENT | Dangerous state Take immediat action | • Pressure/Temperature beyond the safe state - Shutdown due to the action of protective devices - Fire alarm - Equipment failure alarm |
| ■ AMBER | ABNORMAL | Abnormal state, near the critical status | • Pressure/Temperature above the normal range - Protective device released - Toxic and harmful gases release alarm |
| ■ GREEN | SAFE | Normal state | • Pressure/Temperature in normal state - Automatic control system is operating normally |
| ■ BLUE | MANDATORY | Requires operator's action | • Emergency evacuation - Abandon rescue and escape - Abandon platform or abandon ship - Enter the command |
| ■ CLEAR | NO SPECIAL SIGNIFICANCE | If uncertainty for other colors, clear is allowed to be used | • General information - Can't exactly use red, yellow, green or blue - Used for the implementation of command - Indicate the measured values |