

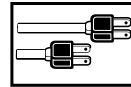
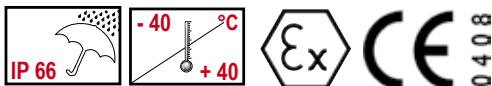


II 2 G Ex de IIC T6
II 2 D Ex tD A21 IP66 T80°C
-40 °C ≤ Ta ≤ +40 °C
Zone 1, 2, 21, 22



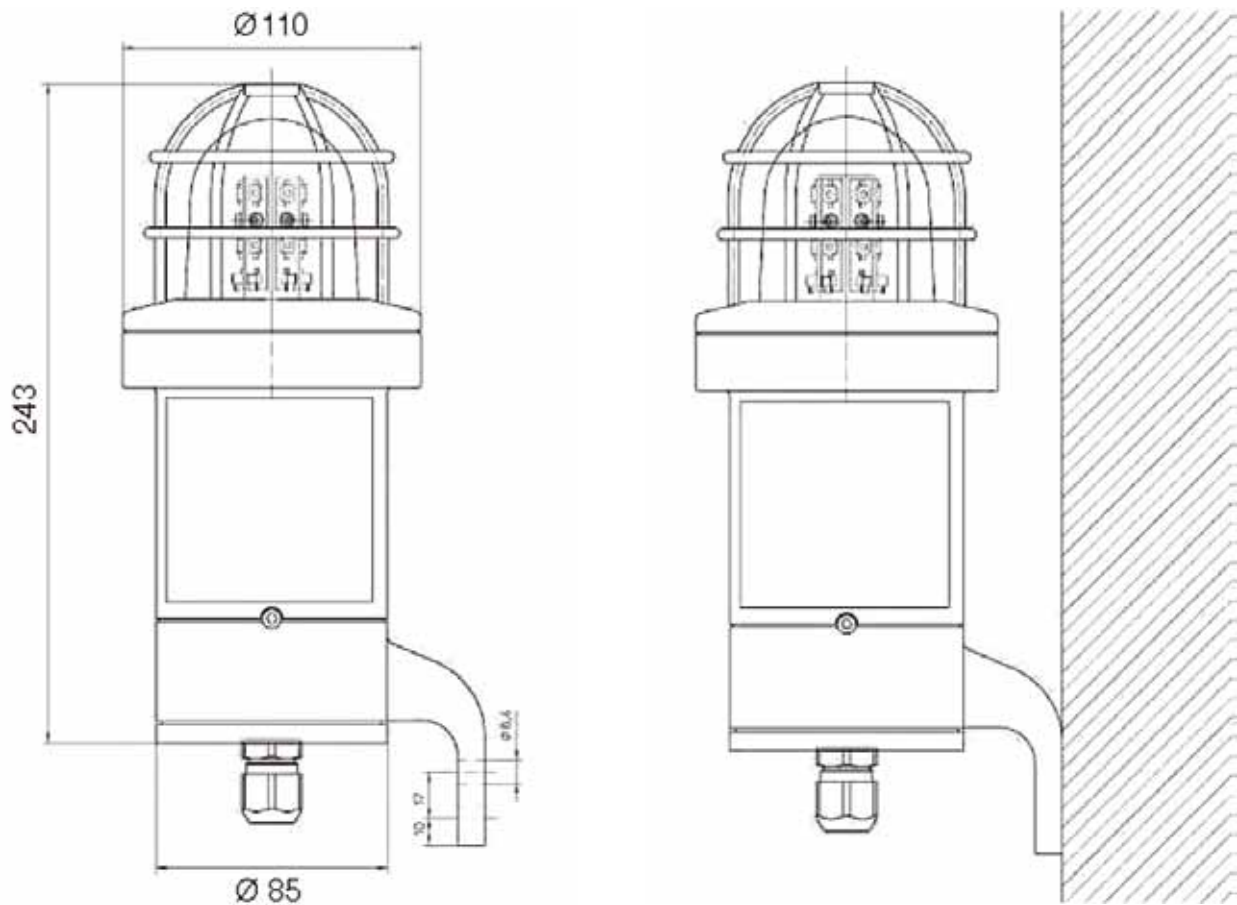
Features

- ▶ robust visual signal beacon with LED technology
- ▶ high signalling effect and long life time
- ▶ for versatile use in zones 1, 21, 2, 22
- ▶ 4 different operating modes selectable:
 - LED steady light
 - LED flashing light
 - LED strobe light
 - LED rotating light
- ▶ sturdy aluminium housing
- ▶ hardened glass lens (borosilicate glass)
- ▶ protection case made of stainless steel
- ▶ compact dimensions
- ▶ terminal connection chamber "d" in protection class increased safety „e“
- ▶ for continuous operation
- ▶ available in 5 LED colours



Technical data

| Type | dSD |
|--|--|
| Housing, Colour | aluminium, surface painted or powder coated (yellow/blue) |
| Lens | hardened borosilicate glass |
| Terminal | 2,5 mm ² single wire; 1,5 mm ² fine wire |
| Cable entry | cable gland M20 x 1,5 blind plug M20 x 1,5 |
| Mounting | mounting bracket |
| Operation | continuous for all operating modes |
| Operating modes/ Flashing-/Strobe frequency/ Rotations | LED steady light |
| | LED flashing light - 2 Hz |
| | LED strobe light - 7 times on (55 ms) and off (19 ms), pause 1 s |
| Insulation class | LED rotating light ~44 rpm - 1 segment on ~33 rpm - 2 segments on |
| | I - at 85-265 V AC III - at 24 V DC equipotential bonding: screw type with wire protection, external claming capacity max. 4 mm ² |
| Operating position | any |
| Operating conditions | in- and outdoor |
| Weight | ~ 2 kg |
| Approval | PTB 03 ATEX 1230 |



Order data

Colour code for LED

C

| | | | |
|---|-------|---|--------|
| 2 | red | 6 | green |
| 4 | clear | 7 | yellow |
| 5 | blue | | |

| Type | Order No. | Denomination | Nominal voltage (V) | Voltage range (V) | Nominal current (A) | | | | | |
|-------------|---|--|---------------------|-------------------|---------------------|-------|--------|-------|-------|-------|
| | | | | | Operating mode | red | yellow | green | blue | clear |
| dSD1 | 335 20C 313 | Ex-proof LED signal beacon without protection cage | 110 - 240 V AC | 85 - 265 V AC | Steady light | 0,125 | 0,125 | 0,160 | 0,170 | 0,170 |
| | | Flashing light | | | 0,125 | 0,125 | 0,160 | 0,170 | 0,170 | |
| | Strobe light | 1,800 | | | 1,800 | 1,210 | 1,230 | 1,230 | | |
| | Rotating light 1 | 0,060 | | | 0,060 | 0,065 | 0,070 | 0,070 | | |
| dSD2 | 335 21C 313 | Ex-proof LED signal beacon with protection cage | 24 V DC | +/- 20 % | Rotating light 2 | 0,070 | 0,070 | 0,080 | 0,085 | 0,085 |
| | | Ex-proof LED signal beacon without protection cage | | | Steady light | 0,550 | 0,570 | 0,800 | 0,850 | 0,870 |
| | Flashing light | 0,550 | | | 0,570 | 0,800 | 0,850 | 0,870 | | |
| | Strobe light | 1,200 | | | 1,200 | 1,500 | 1,500 | 1,600 | | |
| 335 21C 005 | Ex-proof LED signal beacon with protection cage | Rotating light 1 | 0,190 | 0,190 | 0,250 | 0,250 | 0,280 | | | |
| | Rotating light 2 | 0,250 | 0,250 | 0,350 | 0,350 | 0,380 | | | | |