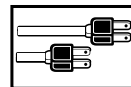
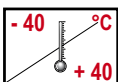




II 2 G Ex de IIC T6
II 2 D Ex tD A21 IP66 T80°C
-40 °C ≤ Ta ≤ +40 °C
Zone 1, 2, 21, 22

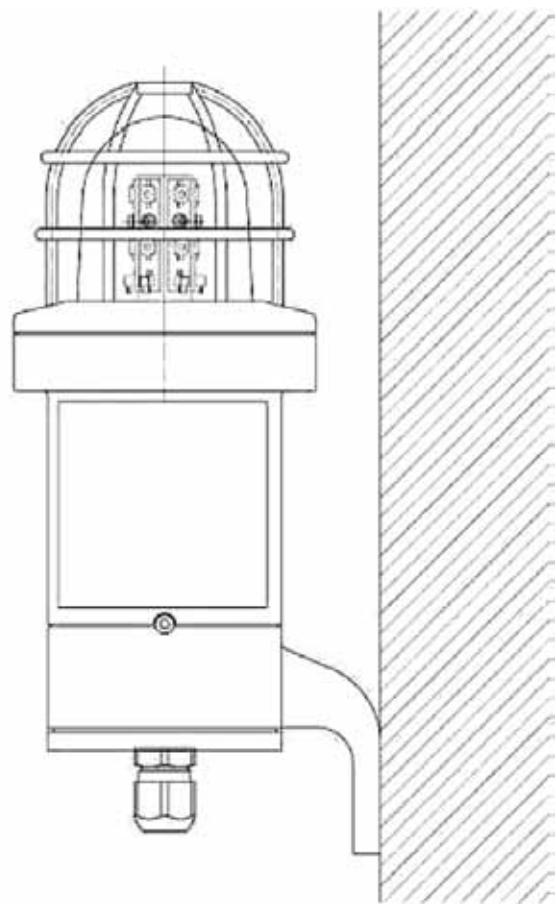
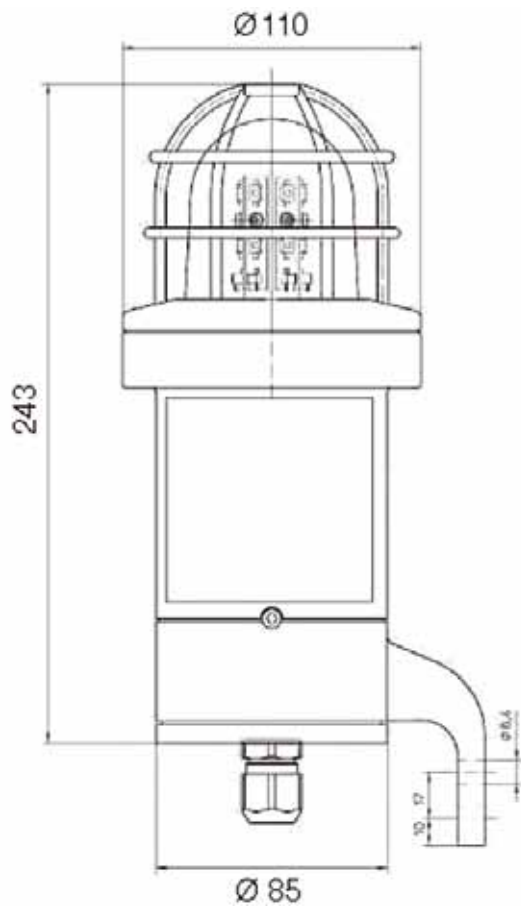
Features

- ▶ 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 21C 313	Ex-proof LED signal beacon with 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
					Rotating light 2	0,070	0,070	0,080	0,085	0,085
dSD2	335 21C 005	Ex-proof LED signal beacon with protection cage	24 V DC	+/- 20 %	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
					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