

Tender specification



DL-SE 06-165/T-EN54 safe STR

Frameless ceiling speaker with strobe light, 6 W, 100 V, certified according EN 54-24

6 W frameless design ceiling speaker with integrated strobe light, fullrange system, 100 V, moisture-impregnated 165 mm chassis; powder-coated metal housing in RAL 9016, high grade transformer with 1/1-1/2-1/4 power-tappings, finely perforated speaker grille. The frameless design is inspired by current LED lights. The loudspeaker is additionally protected with protection class IP 21C against the security risks of environmental influences.

The integrated ultra-cold white 3-watt LED with a colour temperature of 20.000 K delivers an exceptionally intense light output of up to 200 lumens. With its wide beam angle of 140°, the LED ensures highly visible and uniform illumination even under challenging ambient conditions.

Assembly is carried out by the quick fit spring mounting with short clamping travel, protective caps at the spring ends to minimize vibrations. The connection cables can be fed to the loudspeaker via rubber grommet in the firedome. For additional operational reliability, a 2-pin ceramic block and a thermal fuse are integrated.

RoHS-compliant.

Technical Specifications:

Rated voice/noise power 100 V (Watt)	6/3/1.5
Impedance 100 V (Ohm)	1667/3333/6667
Dimensions (mm)	Ø 220 x 107
Weight (kg)	1,04
Colour	RAL 9016
IP rating	IP 21
Temperature range (°C)	-10 / +55
Frequency range (Hz)	63 - 16.000
Frequency response IEC268-5 (-10dB) (Hz)	56 - 18.000
SPL IEC268-5, 1 W/1 m (dB)	92,0
SPL EN54-24, Pmax./4 m (dB)	87,0
Sensitivity EN54-24, 1 W/4 m (dB)	80,0
Sensitivity EN54-24, 1 W/1 m (dB)	92,0
Ceiling cut out (mm)	188
Dispersion angle -6 dB, 500 Hz	180°
Dispersion angle -6 dB, 1 kHz	175°
Dispersion angle -6 dB, 2 kHz	150°
Dispersion angle -6 dB, 4 kHz	90°
Connector	2-pin ceramic block
Terminal diameter (mm)	2,3
Maximum cable passage (mm²)	4
Mounting	quick fit spring mounting
Strobe light – LED power (W)	3
Light colour	ultra-cold white
Colour temperature (K)	20.000
Luminous flux (lm)	up to 200
Certificate number	1438-CPR-0642