

# 6 W Ceiling Loudspeaker with LIM and Fire Dome

LSC-506.LIM

## GENERAL / APPLICATION

The loudspeaker with LIM (Loop Isolator Module) complies with the requirements of the standard EN-24 and is operated on the Loop of the VARIODYN® D1 System. The LIM module allows to isolate loop segments with short circuits.

## MOUNTING

This loudspeaker can be directly installed at ceiling.

## WITH TRANSFORMER: 100 V / 70 V LINE

	RED WIRE PLUS TAPPING				BLACK
100 V	0.75 W	1.5 W	3 W	6 W	Com
70 V	0.375 W	0.75 W	1.5 W	3 W	Com
IMP (Ω)	13 K	6.7 K	3.3 K	7.1 K	

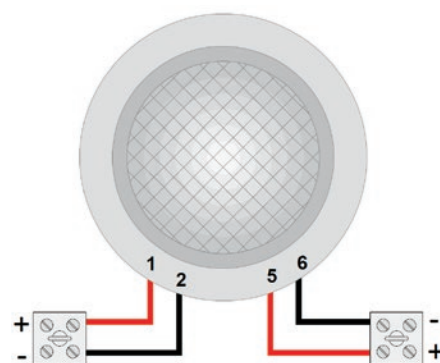
## DISPERSION ANGLES

		HORIZONTAL	VERTICAL
1 oktave pink noise	500 Hz	187°	174°
1 oktave pink noise	1 kHz	173°	174°
1 oktave pink noise	2 kHz	151°	152°
1 oktave pink noise	4 kHz	59°	58°



## WIRING

Loudspeaker and LIM are interconnected by factory default and may be connected directly to the loop. Strip installation cable only inside the loudspeaker housing and connect cable to the corresponding ceramic terminals.



## FEATURES

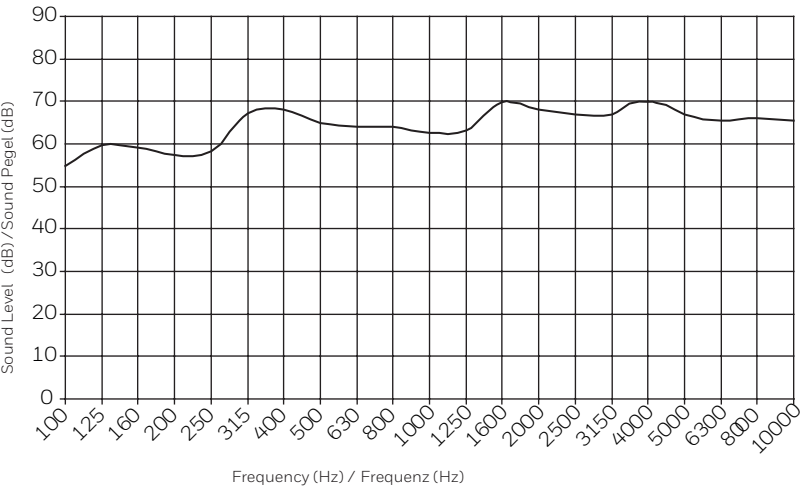
- Superior sound and music reproduction
- Easy and quick to install due to integrated LIM
- Simple power tapping
- Perfect for voice evacuation system
- Complies with the requirements of the standard EN 54-24

# LSC-506.LIM Ceiling Loudspeaker

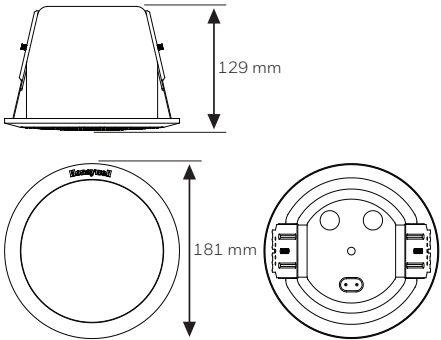
## Technical Specifications

### FREQUENCY RESPONSE

Frequency response at 100 V / 4 m / 1/3 oct. smoothing



### DIMENSIONS



### SPECIFICATIONS

PARAMETERS	VALUES
RATED POWER	6 W
TRANSFORMER POWER TAPS	6 / 3 / 1,5 / 0,75 W
RATED IMPEDANCE	1,7 / 3,3 / 6,7 / 13 kΩ
SENSITIVITY EN 54-24, 1 W / 1 M	91 dB
SENSITIVITY EN 54-24, MAX 1 M	99 dB
TRANSMISSION RANGE	180 ... 20000 Hz
DISPERSION ANGLE	173° (H), 174° (V) @ 1 kHz
AMBIENT TEMPERATURE	-25 °C ... 55 °C
STORAGE TEMPERATURE	-40 °C ... 70 °C
AIR HUMIDITY	< 95 % non condensing
MATERIAL	Metal
COLOR	white, similar to RAL 9003 / red similar to RAL 3000
WEIGHT	approx. 1.29 kg
CUT-OUT SIZE	(Ø: min.) 155 mm
DIMENSIONS	Ø: 181 mm D: 129 mm

### ORDERING INFORMATION

DESCRIPTION	MODEL#
6 W ceiling loudspeaker with LIM and fire dome	LSC-506.LIM

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Honeywell reserves the right, without notification, to make changes in product design or specifications.

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