

TETRA



Art. Nr. see page 4

**MOUNTING**

Mounting location: ceiling  
Type: suspended

**ELECTRICAL**

Voltage: 48V DC  
Control gear needed: Yes  
Control gear included: Yes

**DIMENSIONS**

Size: see page 3  
Height: 100 mm  
Weight: 6,7 kg

**LIGHT**

Light distribution: Direct

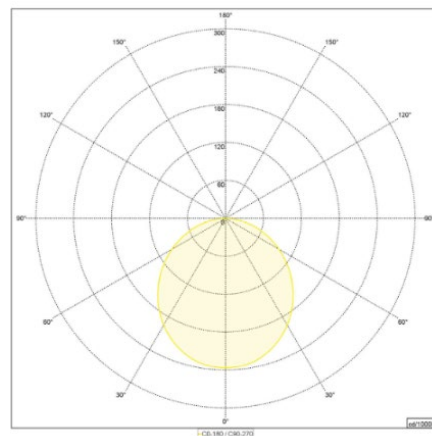
**LAMP DESCRIPTION**

Lamp Product: SMOOTHY 370  
Lamp Typ: LED  
Total power: 31 W  
Luminous Flux of Light Source: 4635 lm  
Usable luminous flux: 3010 lm  
Colour rendering index (CRI): 90  
Colour temperature (CCT): 4000 K

**TECHNICAL DESCRIPTION**

A fusion of acoustic ceiling canopy and light that meets the highest demands, that is Tetra. Combine different sizes and colors to create a powerful and impressive ceiling that makes a difference.

The ARCHISONIC® material, which was carefully developed and curated in collaboration with the London trend researchers Color Hive, is available in two thicknesses, 24 and 12 millimeters. The PET fibers from recycled water bottles make the material a sustainable and powerful source to meet your acoustic challenges.



## MATERIAL COMPOSITION

100% PET (min. 60% post-consumer)

## FIRE TEST

DIN EN 13501-1 B-s1, d0  
ASTM E-84 Class A

## VOC-EMISSION

CDPH 01350 Pass  
ISO 16000 (CDPH/EHLB/Standard Methode V1.2.)  
EN 16516

## COLOUR FASTNESS

ISO 105-B02, A1 Grade 6

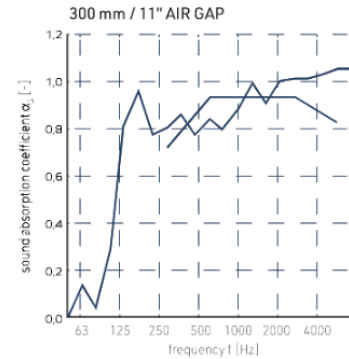
## MATERIAL REUTILISATION

ARCHISONIC® 24 mm 88 plastic bottles/m<sup>2</sup>  
ARCHISONIC® 12 mm 53 plastic bottles/m<sup>2</sup>

## SOUND ABSORPTION

DIN ISO 11654

24mm	aw 0.55 (no airgap) aw 0.65 (50 mm / 2" air gap) aw 0.90 (100 mm / 4" air gap) aw 0.95 (200 mm / 8" air gap)
12mm	aw 0.30 (no air gap)



## ENVIRONMENTAL

Cradle to Cradle Certified™  
Product qualifies for LEED v4 specifications on VOC emissions  
in LEED EQ credit (Low-emitting products)

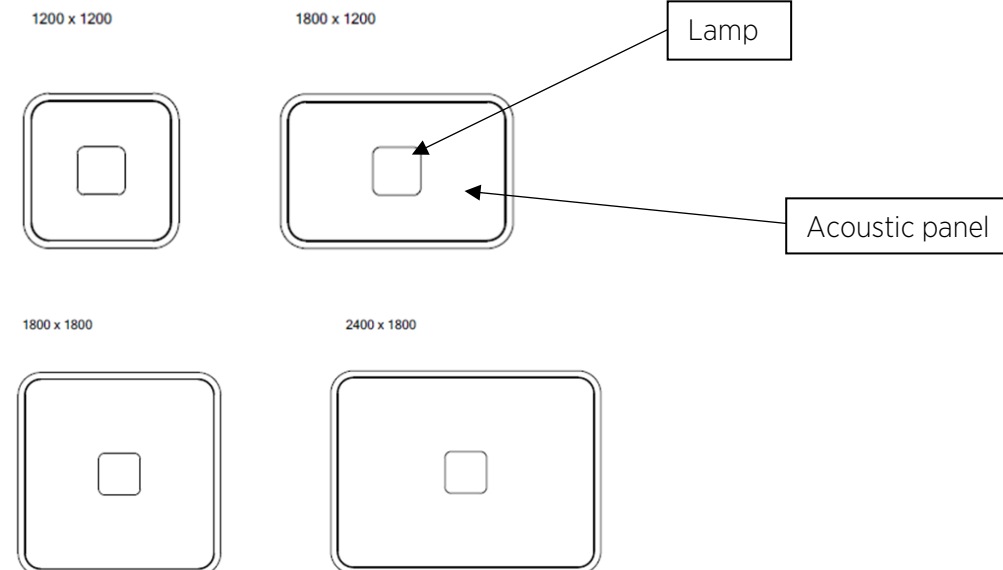
## MICROBIAL RESISTANCE

ASTM G21-15  
Growth rating: 0 (no growth)  
ARCHISONIC® does not provide a breeding ground for mold and mildew.

## SUPPORTED BY

Climate KIC

## SIZE COMPARISON


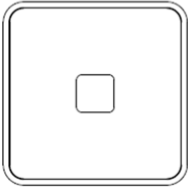

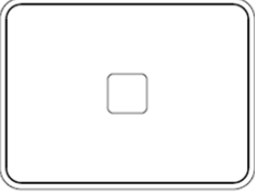


**Acoustic colours:**

**Panel sizes:**

The acoustic panels are available in the following sizes:

	Size	Art. Nr.
1	1200mm x 1200mm x 100mm	See next page
2	1800mm x 1800mm x 100mm	
3	1200mm x 1800mm x 100mm	
4	1800mm x 2400mm x 100mm	

1200 x 1200	1800 x 1800	1800 x 1200	2400 x 1800	
				
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>Color</b>
11-02771	11-02827	11-02799	11-02855	SHELL PINK
11-02772	11-02828	11-02800	11-02856	CLOUD
11-02773	11-02829	11-02801	11-02857	WARM STONE
11-02774	11-02830	11-02802	11-02858	GROUND
11-02775	11-02831	11-02803	11-02859	HOT PINK
11-02776	11-02832	11-02804	11-02860	TERRACOTTA
11-02777	11-02833	11-02805	11-02861	ICE BLUE
11-02778	11-02834	11-02806	11-02862	NORDIC PINE
11-02779	11-02835	11-02807	11-02863	GROVE
11-02780	11-02836	11-02808	11-02864	MILK
11-02781	11-02837	11-02809	11-02865	WINTER SKY
11-02782	11-02838	11-02810	11-02866	PACIFIC OCEAN
11-02783	11-02839	11-02811	11-02867	MOSS
11-02784	11-02840	11-02812	11-02868	SMOKE GREY
11-02785	11-02841	11-02813	11-02869	SLATE
11-02786	11-02842	11-02814	11-02870	ELECTRIC ORANGE
11-02787	11-02843	11-02815	11-02871	SNOW WHITE
11-02788	11-02844	11-02816	11-02872	SOFT CORAL
11-02789	11-02845	11-02817	11-02873	GRAPE
11-02790	11-02846	11-02818	11-02874	CHARCOAL
11-02791	11-02847	11-02819	11-02875	RAVEN
11-02792	11-02848	11-02820	11-02876	POSTER RED
11-02793	11-02849	11-02821	11-02877	SPERMINT
11-02794	11-02850	11-02822	11-02878	SUCCULENT
11-02795	11-02851	11-02823	11-02879	GARNET
11-02796	11-02852	11-02824	11-02880	MIDNIGHT
11-02797	11-02853	11-02825	11-02881	SUNSHINE
11-02798	11-02854	11-02826	11-02882	MARINE BLUE