

BYSSO



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: 90 mm
Weight: max. 21,2 kg

LIGHT

Light distribution: Direct

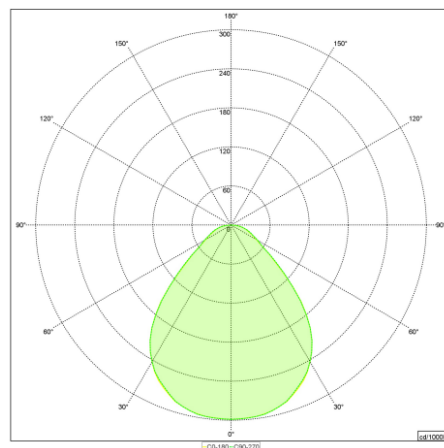
LAMP DESCRIPTION

Lamp Product: SMOOTHLINE
Lamp Type: LED
Total Power: 31 W ⁽¹⁾ / 41 W ⁽²⁾
Luminous Flux of Light Source: 4488lm ⁽¹⁾ / 5835 lm ⁽²⁾
Usable luminous flux: 3061lm ⁽¹⁾ / 3980 lm ⁽²⁾
Colour rendering index (CRI): 90
Colour temperature (CCT): 4000 K

TECHNICAL DESCRIPTION

Amazing, how light can be focused and directed in a targeted manner using the reflectors, thus guaranteeing the best illumination of workplaces. The processing of the recessed light sources ensures that the light in the acoustic panel almost disappears. The rounded corners of the floating sail create a secure feeling of space.

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.



⁽¹⁾...with SMOOTHLINE 1454mm

⁽²⁾...with SMOOTHLINE 1884mm

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

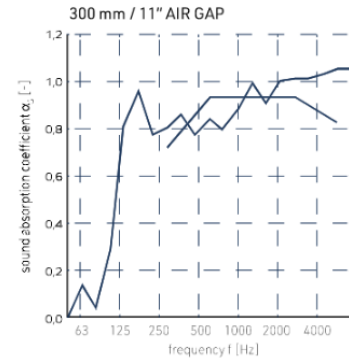
MATERIAL REUTILISATION

ARCHISONIC® 24 mm 88 plastic bottles/m²
ARCHISONIC® 12 mm 53 plastic bottles/m²

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

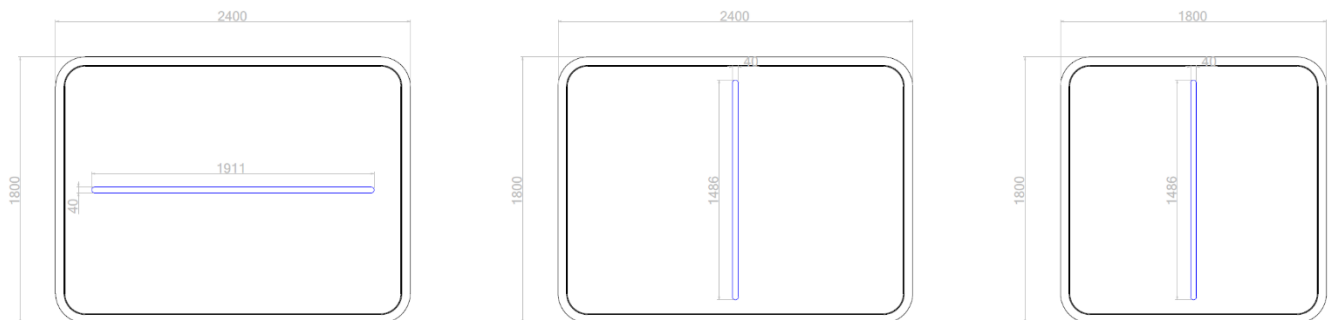
Cradle to Cradle Certified™
Product qualifies for LEED v4 specifications on VOC emissions
in LEED EQ credit (Low-emitting products)

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



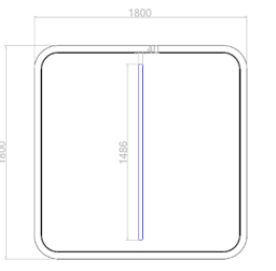
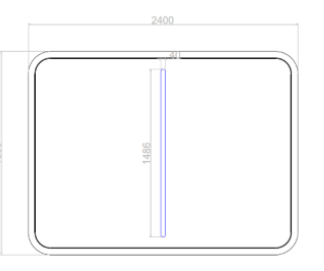
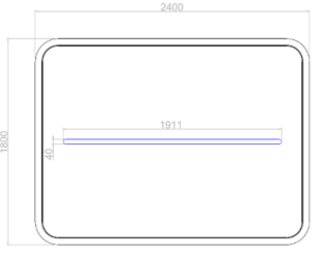
Acoustic colours:



Panel sizes:

The acoustic panels are available in the following sizes:

	Product Type	Size	Art. Nr.
1	"Workplace LED Byssso (1454mm linear light)"	1800 x 1800 x 90mm	See next page
2	"Workplace LED Byssso (1454mm linear light)"	1800 x 2400 x 90mm	
3	"Workplace LED Byssso (1884mm linear light)"	1800 x 2400 x 90mm	

			
1	2	3	Color
11-03474	11-03499	11-03527	SHELL PINK
11-03475	11-03500	11-03528	CLOUD
11-03476	11-03501	11-03529	WARM STONE
11-03477	11-03502	11-03530	GROUND
11-03478	11-03503	11-03531	HOT PINK
11-03479	11-03504	11-03532	TERRACOTTA
11-03480	11-03505	11-03533	ICE BLUE
11-03481	11-03506	11-03534	NORDIC PINE
11-03482	11-03507	11-03535	GROVE
11-03483	11-03508	11-03536	MILK
11-03484	11-03509	11-03537	WINTER SKY
11-03485	11-03510	11-03538	PACIFIC OCEAN
11-03486	11-03511	11-03539	MOSS
11-03487	11-03512	11-03540	SMOKE GREY
11-03488	11-03513	11-03541	SLATE
11-03489	11-03514	11-03542	ELECTRIC ORANGE
11-03490	11-03515	11-03543	SNOW WHITE
11-03491	11-03516	11-03544	SOFT CORAL
11-03492	11-03517	11-03545	GRAPE
11-03493	11-03518	11-03546	CHARCOAL
11-03494	11-03519	11-03547	RAVEN
11-03495	11-03520	11-03548	POSTER RED
11-03496	11-03521	11-03549	SPERMINT
11-03497	11-03522	11-03550	SUCCULENT
11-03498	11-03523	11-03551	GARNET