

BYSSO



Art. Nr. see page 3

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

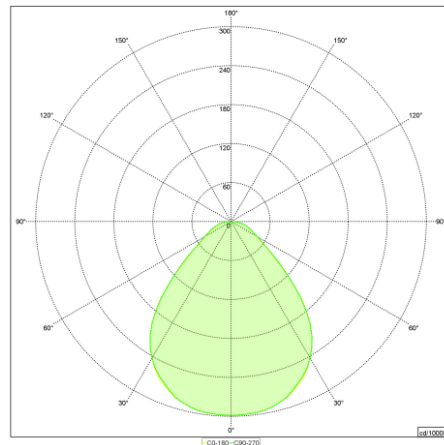
LAMP DESCRIPTION

Lamp Product: SMOOTHLINE
Lamp Typ: 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 the 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 material, ARCHISONIC®, 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 means 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

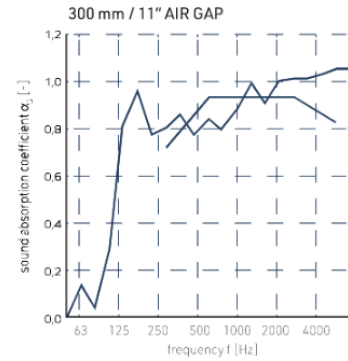
MATERIAL REUTILISATION

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.
"Workplace LED Bysso (1454mm linear light)"	1800 x 1800 x 90mm	723.24.20.000.00
"Workplace LED Bysso (1454mm linear light)"	1800 x 2400 x 90mm	723.24.21.000.00
"Workplace LED Bysso (1884mm linear light)"	1800 x 2400 x 90mm	723.24.22.000.00

How to order:

The red marked part in the article number, is for the colour option of the acoustic panel (e.g. 723.24.20.**662**.00 = "Workplace LED Bysso (1454mm linear light)" in POSTER RED)