

SubSpace Acoustic

Suspended

Subspace Acoustic is a suspended linear architectural luminaire, manufactured from extruded aluminium, Supplied as Direct or Direct/ Indirect, in standard or custom lengths, with a variety of optics to suit your needs.

- Efficacy of up to 115 lm/W.
- LG7 Complaint, UGR<19 (when used with microprism diffuser).
- Colour temperatures: 3000°k, 4000°k or Tunable White (2700°k -5700°k).
- Colour Finishes: White (9016), Black (9005) or Silver (9006). Other RAL colours, available on request.
- Dimming options: DALI 1-100% Dim, DSI, Switch Dim, 1-10v, DALI 10-100% Dim.
- Wireless control options: Casambi.
- Industry driver options: Fixed output or Dali dimming, for extended service life.
- 3m wire suspension kit and mounting bracket supplied as standard.
- Custom length wire suspension, Clear, Black or White flex are also available.
- Acoustic lengths: up to 2400mm**.
- Acoustic Performance: Class A.
- Acoustic : PET Fibre as standard.
- Special acoustic projects: For continuous lengths in a single line of light, are also available upon request*.
- Emergency options: Standard 3hr, Self-Test, Dali addressable or 3Hr Dali Wireless Sentinel.

* Please contact P&A Technical Department for assistance

** For Longer lengths please contact P&A for assistance.

Technical

Product	SubSpace 50 Acoustic SubSpace 70 Acoustic
Mounting type	Suspended
Standard Lengths	870-2270mm
Custom Lengths	140mm increments
Lumen/M	1100-5500 Lm/M
Efficacy	Up to 115 lm/W
Colour Temperature	Warm White (3K) Neutral White (4K) Tunable White (2.7K >5.7K)
Optics	Opal diffuser Microprism (UGR<19)
Acoustic PET raft lengths	Up to 2400mm
Control	DALI 1-100%, DSI, 1-10V, Casambi, Fixed output, Industry DALI, Industry Fixed Output, DALI 10-100%
Emergency	3 hour, DALI, Self-Test, 3 hour DALI Wireless Sentinel
Rendering	Ra80+
IP Rating	IP20
Safety Class	Class 1
MacAdam	SDCM 3
L70/B10	>75K

P&A SubSpace Acoustic

Luminaire Order Builder

SS50/70-WS (Direct)

STEP 1. Select Housing	STEP 2. Current	STEP 3. Direction	STEP 4. Optics	STEP 5. Length	STEP 6. CCT	STEP 7. Control	STEP 8. Finish	STEP 9. Acoustic Panel	STEP 10. Emergency
SS50 Subspace 50	15 150mA 1100 Lm/M - 10W/m	D Direct	O Opal Diffuser	870 870mm	3K 3000K	FO Fixed Output	W RAL9016M	12 12mm Thickness	E3 Standard 3 Hour
	SS70 Subspace 70			20 200mA 1500 Lm/M - 14W/m					
	25 250mA 1900 Lm/M - 17W/m			1430 1430mm	TW 2700K - 5700K Tunable white	A2 DSI	S RAL9006		ES Self-Test
	30 300mA 2200 Lm/M - 20W/m			1710 1710mm		A3 Switch Dim		Z Custom	EW 3 hour DALI Wireless Sentinel
	35 350mA 2600 Lm/M - 24W/m			1990 1990mm		A4 1-10v			
	40 400mA 3000 Lm/M - 27W/m			2270 2270mm		A5 Casambi			
						A6 Industry Fixed Output			
						A7 Industry DALI			
						A8 DALI 10-100% Dim			

All electrical and optical data subject to ± 10% tolerances.
Values based on 4000K Colour temperature.
See page 4 for Acoustic panel colours.

Example Code: SS50WS15DO11504KA1W12E3

SS50/70-WS (Direct/Indirect)

STEP 1. Select Housing	STEP 2. Current	STEP 3. Direction	STEP 4. Optics	STEP 5. Length	STEP 6. CCT	STEP 7. Control	STEP 8. Finish	STEP 9. Acoustic Panel	STEP 10. Emergency
SS50 Subspace 50	15 150mA 2100 Lm/M - 18W/m	DI Direct/indirect	O Opal Diffuser	870 870mm	3K 3000K	FO Fixed Output	W RAL9016M	12 12mm Thickness	E3 Standard 3 Hour
	SS70 Subspace 70			20 200mA 2800 Lm/M - 24W/m					
	25 250mA 3400 Lm/M - 30W/m			1430 1430mm	TW 2700K - 5700K Tunable white	A2 DSI	S RAL9006		ES Self-Test
	30 300mA 4100 Lm/M - 36W/m			1710 1710mm		A3 Switch Dim		Z Custom	EW 3 hour DALI Wireless Sentinel
	35 350mA 4800 Lm/M - 42W/m			1990 1990mm		A4 1-10v			
	40 400mA 5500 Lm/M - 49W/m			2270 2270mm		A5 Casambi			
						A6 Industry Fixed Output			
						A7 Industry DALI			
						A8 DALI 10-100% Dim			

All electrical and optical data subject to ± 10% tolerances.
Values based on 4000K Colour temperature.
See page 4 for Acoustic panel colours.

Example Code: SS50WS15DIO11504KA1W12E3

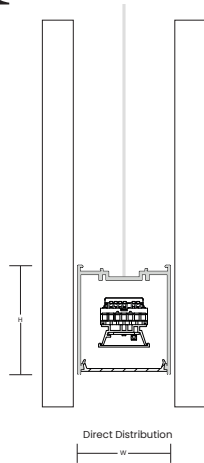


Crown House, Plantation Rd, Burscough, Lancashire, L40 8JT
01704 891333
sales@pandaprojects.co.uk
www.pandaprojects.co.uk

Datasheet Code: PA-10430-0



P&A SubSpace Acoustic



Dimensions

L	W	H
870	49/73	85
1150	49/73	85
1430	49/73	85
1710	49/73	85
1990	49/73	85
2270	49/73	85

Finish

RAL	Code	Colour Swatch
White	9016M	
Black	9005	
Silver	9006	
Custom*	Custom*	

All dimensions are measured in millimetres (mm).
*Custom lengths upon request.

*Custom Colours upon request.

Ancillaries

Wire Suspensions	Code
3m Wire suspension kit	SS-WS-3M
Custom length (1m increments)	SS-WS-ZM
Clear 0.75mm², Supply Cable	
3 core, Clear, 3m	FL-3C-C-3M
3 core, Clear, Custom Length*	FL-3C-C-ZM
5 core, Clear, 3m	FL-5C-C-3M
5 core, Clear, Custom Length*	FL-5C-C-ZM
6 core, Clear, 3m	FL-6C-C-3M
6 core, Clear, Custom Length*	FL-6C-C-ZM
Black 0.75mm², Supply Cable	
3 core, Black, 3m	FL-3C-B-3M
3 core, Black, Custom Length*	FL-3C-B-ZM
5 core, Black, 3m	FL-5C-B-3M
5 core, Black, Custom Length*	FL-5C-B-ZM
6 core, Black, 3m	FL-6C-B-3M
6 core, Black, Custom Length*	FL-6C-B-ZM
White 0.75mm², Supply Cable	
3 core, White, 3m	FL-3C-W-3M
3 core, White, Custom Length*	FL-3C-W-ZM
5 core, White, 3m	FL-5C-W-3M
5 core, White, Custom Length*	FL-5C-W-ZM
6 core, White, 3m	FL-6C-W-3M
6 core, White, Custom Length*	FL-6C-W-ZM

Decorative Ceiling Rose*** (c/w central hole for single wire suspension fixing).

Silver RAL9006	CR-75-I-S
Black RAL9005	CR-75-I-B
White RAL9016	CR-75-I-W
Custom RAL Colour**	CR-75-I-Z

*Please replace Z with required cut meter length.

**Please replace Z with required Custom RAL Colour.

***Ceiling rose does not include termination point (Termination supplied by others).

Ancillaries images

3m Wire suspension kit	CR75 Decorative Ceiling Rose***
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Distribution Types

Direct	Direct/Indirect
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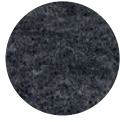
P&A SubSpace Acoustic

Acoustic colour options

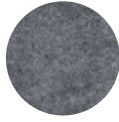
PET Fibre



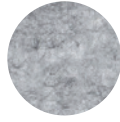
Black
PET Fibre



Dark Grey
PET Fibre



Grey
PET Fibre



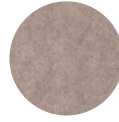
Light Grey
PET Fibre



White
PET Fibre



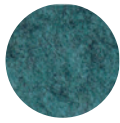
Opal
PET Fibre



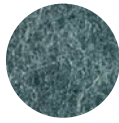
Sand
PET Fibre



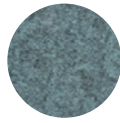
Nocturn
PET Fibre



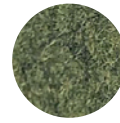
Neptune
PET Fibre



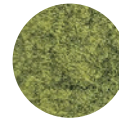
Eden
PET Fibre



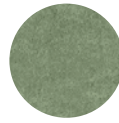
Mist
PET Fibre



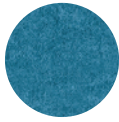
Olive Green
PET Fibre



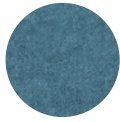
Meadow Green
PET Fibre



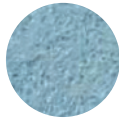
Sage Green
PET Fibre



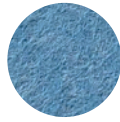
Ocean
PET Fibre



Cyprus
PET Fibre



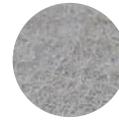
Sky Blue
PET Fibre



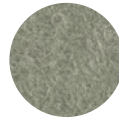
Blue
PET Fibre



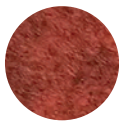
Oyster
PET Fibre



Clouds
PET Fibre



Purbeck
PET Fibre



RPET
Fibre



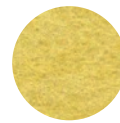
Peach
PET Fibre



Burnt Orange
PET Fibre



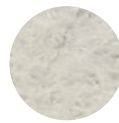
Caramel
PET Fibre



Yellow
PET Fibre



Natural
PET Fibre



Marble White
PET Fibre

Technical Data

Acoustic properties

Fire Specification

EN13501-2:2007+A1:2009 Class B s1, d0

ASTM E84-2019 B Class A

Composition

A minimum of 65% post-consumer recycled polyester fibres.

Weight M2

12mm 2.4Kg

24mm 3.8Kg

VOC Emissions

<0.02Mg/M2

Recyclable content

100%

Acoustic Rating

CLASS A

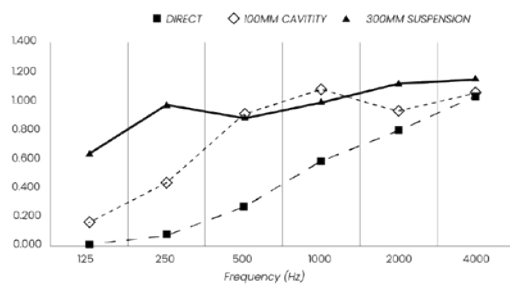
Plastic Bottles per sheet

12mm - 224 Bottles

24mm - 355 Bottles

12mm Data

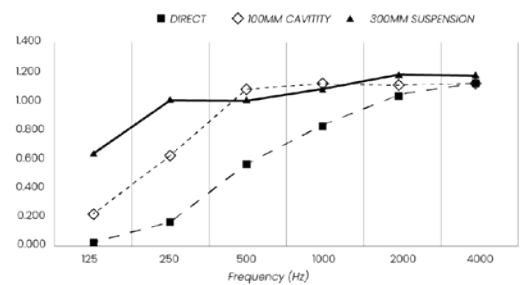
SOUND ABSORPTION



12mm Acoustic Data							
Frequency	125	250	500	1000	2000	4000	NRC
Direct	0.00	0.07	0.27	0.58	0.80	1.03	0.45
100mm Cavity	0.18	0.43	0.90	1.08	0.93	1.05	0.85
300mm Suspension	0.64	0.67	0.89	0.99	1.02	1.00	1.00

24mm Data

SOUND ABSORPTION



24mm Acoustic Data							
Frequency	125	250	500	1000	2000	4000	NRC
Direct	0.00	0.17	0.57	0.84	1.06	1.13	0.65
100mm Cavity	0.22	0.63	1.09	1.34	1.12	1.13	1.00
300mm Suspension	0.64	1.02	1.02	1.00	1.20	1.10	1.00

IP20

IP20
Protection of fingers against access to hazardous parts, and protection against objects larger than 12.5mm



Safety Class
Class 1 Safety: chassis is connected to earth with a separate terminal, instead of via the mains cable



Warranty
5 year Guarantee



Crown House, Plantation Rd, Burscough, Lancashire, L40 8JT
01704 891333
sales@pandaprojects.co.uk
www.pandaprojects.co.uk

Datasheet Code: PA-10430-0



BS EN60598-1:2015
ISO 9001 certification

