

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

JUST BLACK ACOUSTIC SUSPENSION

A300692-

base number	Finishes (Diamond)	Acoustic Options	Cable Length
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Just Black Acoustic
Partner: Prolicht
Division: Architectural
Installation: Suspension
Product Type: Acoustic
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Square
Length (mm): 1200
Length (in): 47 1/4
Width (mm): 1200
Width (in): 47 1/4
Height (mm): 41
Height (in): 1 5/8
Fixture Finish: ANC / ASH / BNA / BTC / BZE / CEL / EGG / EVG / FOG / FOS / FST / FUA / IRO / KHA / LIC / LIM / MER / MSN / MUS / ONX / PEA / PLU / POL / PPY / RAY / ROY / RST / STE / SWD / TAN / TAU
Fixture Material: Aluminum
Primary Material: Acoustic
Cable Details: 2000mm / 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 23
Total Output Wattage (W): 20.9
Dimming: Non-Dimmable
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

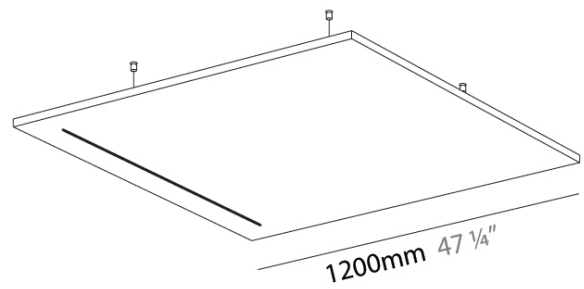
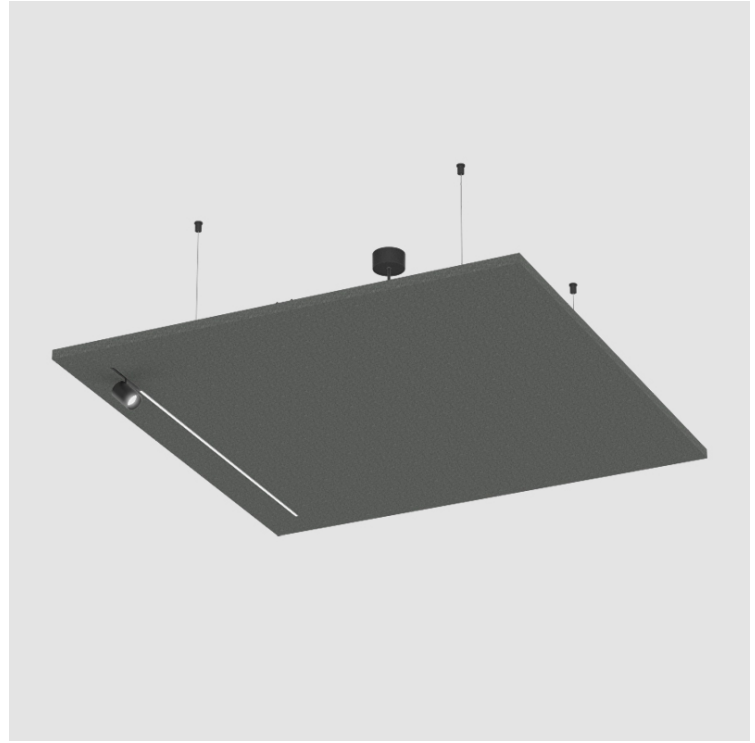
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 603
Nominal Lumen (lm): 862
CRI: >90 CRI
Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 30

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



JUST BLACK ACOUSTIC SUSPENSION

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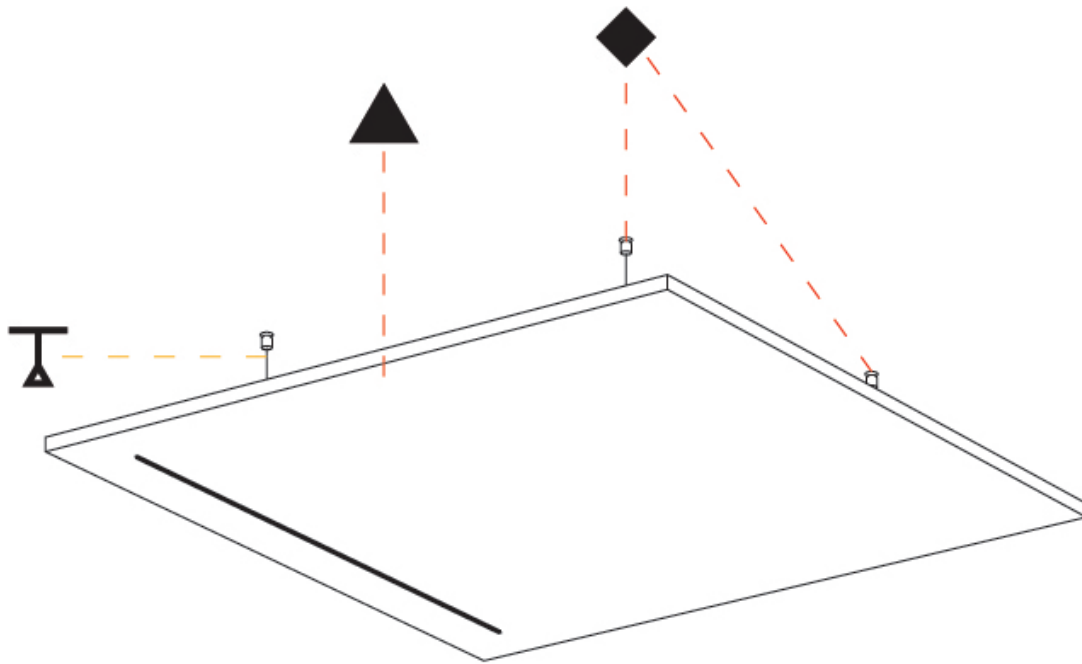
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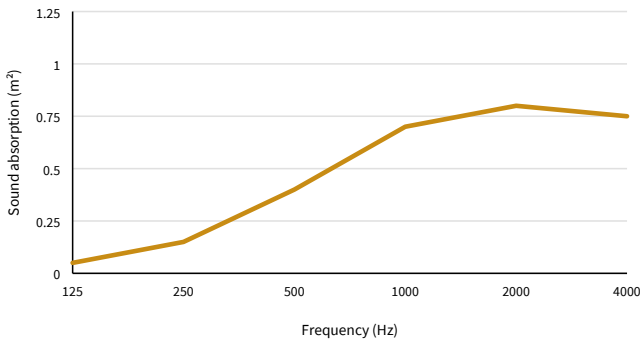
DATE

MAINTENANCE FACTOR

Service life	10 000 h	20 000 h	30 000 h	40 000 h	50 000 h
LLMF	0.96	0.92	0.88	0.84	0.80
LSF	1	1	1	1	1

The Maintenance Factor (MF), as defined in EN 12464-1, is calculated as $MF = LLMF \times LSF \times LMF \times RMF$. LLMF (Lamp Lumen Maintenance Factor) and LSF (Lamp Survival Factor) depend on the luminaire type and quality, while LMF and RMF are influenced by environmental factors like dust, room conditions, and maintenance intervals.

ACOUSTIC PERFORMANCE (ISO A_{OBJ} , M^2)



Frequency (Hz)	125	250	500	1000	2000	4000
per m^2	0.05	0.15	0.40	0.70	0.80	0.75

The graphic shows the equivalent sound absorption per object (A_{obj}) at the third-octave-band center frequency in accordance with ISO 20189. During the measurement, pink noise was used as the excitation signal in a hard-walled room.

Acoustic Area: 1.517 m^2
Material Thickness: 12 mm

LUMINAIRES PER CIRCUIT BREAKER TYPE

B10	B13	B16	B20	C10	C13	C16	C20
9	11	14	17	15	18	23	28

This table provides an overview of different types of circuit breakers and the maximum number of lamps that can be connected to each breaker type. The permissible number depends on the characteristics of the circuit breaker (e.g., Type B, C, or D) as well as the power consumption and inrush current of the lamps used. These values serve as a reference for planning electrical installations in lighting applications.

ZANEEN®

JUST BLACK ACOUSTIC SUSPENSION

COLOR FINISH CHART

PROJECT _____

TYPE _____

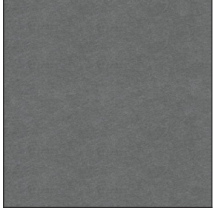
SPECIFIER _____

QUANTITY _____

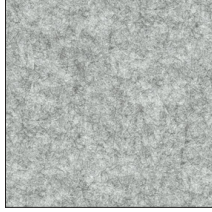
DATE _____

FIXTURE Finish

Anchor - ANC (ANC)



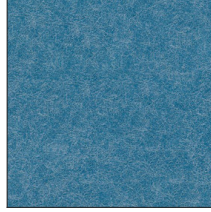
Ash - ASH (ASH)



Ballerina - BNA (BNA)



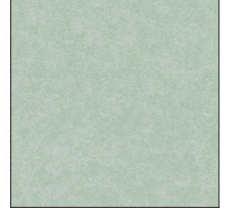
Baltic - BTC (BTC)



Breeze - BZE (BZE)



Celadon - CEL (CEL)



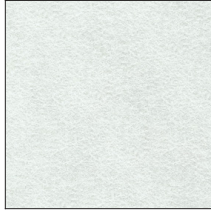
Eggshell - EGG (EGG)



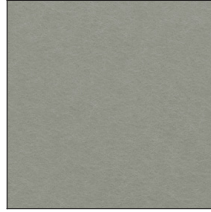
Evergreen - EVG (EVG)



Fog - FOG (FOG)



Fossil - FOS (FOS)



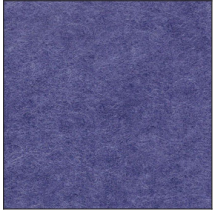
Frost - FST (FST)



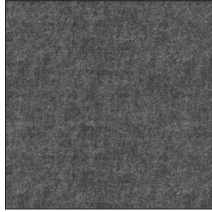
Fuchsia - FUA (FUA)



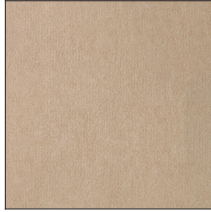
Iris - IRI (IRI)



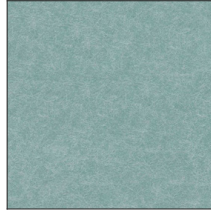
Iron - IRO (IRO)



Khaki - KHA (KHA)



Lichen - LIC (LIC)



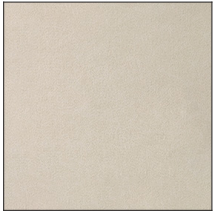
Lime - LIM (LIM)



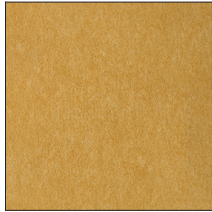
Merlot - MER (MER)



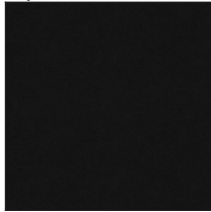
Muslin - MSN (MSN)



Mustard - MUS (MUS)



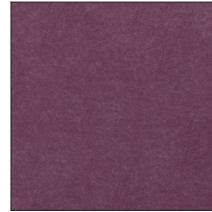
Onyx - ONX (ONX)



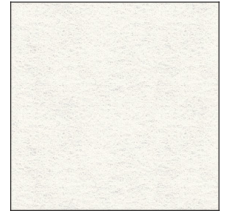
Peach - PEA (PEA)



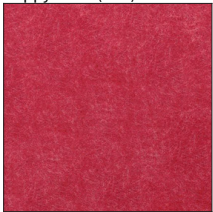
Plum - PLU (PLU)



Polar - POL (POL)



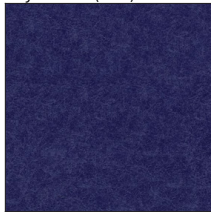
Poppy - PPY (PPY)



Ray - RAY (RAY)



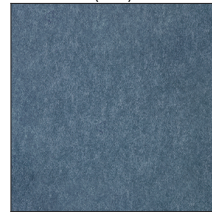
Royal - ROY (ROY)



Rust - RST (RST)



Steel - STE (STE)



Seaweed - SWD (SWD)



Tangerine - TAN (TAN)



Taupe - TAU (TAU)



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved there will be variations in color, character, and tone within a product series and between product families.

Champagne Cream, Copper Mine, Ancient Bronze & Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.

Available for international specifications by adding "INT" at the end of the existing Model #. For assistance on "custom" specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

LEGEND

	floor-mounted		pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimnable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/control gear		color of 3-circuit adaptor		protection class II, protection insulation
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

IP RATING

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)