

Lighting

Matrix

luxx
box



Matrix is part of Luxxbox's range of acoustic lights. The rectangular array of interconnected acoustic panels creates a lighting feature within an open office or meeting room.

Matrix helps create a more productive workplace by absorbing noise for increased comfort and concentration.



Lighting

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FEATURES

Matrix helps create a more productive workplace by absorbing noise for increased comfort and concentration.

Dimensions

MA-3: 825L x 520W x 200H

MA-5: 1425L x 520W x 200H

Custom Lengths available.

Options

2 sizes

20 Colours: Black, White, Offwhite, Light Grey, Charcoal, Yellow, Orange, Red, Light Green, Green, Light Blue, Dark Blue, Bright Blue, Steel Blue, Turquoise, Emerald Green, Purple, Bright Yellow, Blush, Forest Green

High performance Dimmable Light (Direct only) or Upwards Dimmable LED wash lighting (Indirect) or both

Temperature: 3000K, 3500K, or 4000K

Suspension

4x Height-adjustable 3m black woven suspension cable supplied

Accessories

Optional Bluetooth controller

Illumination / Electrics

MA-3: 2471 Lumens, 32 Watts, 77 lm/W

MA-5: 3645 Lumens, 48 Watts, 76 lm/W

Global 220 - 240V Dimming (DSI / DALI)

Driver Options: Remote Driver, Canopy Concealed Driver or On-board Driver

Weight

MA-3: 3.8 kg

MA-5: 6.6 kg

Standards/Certifications

GreenRate Level A

AS ISO 354 - 2006 / NRC 0.7

Designed and manufactured by Luxxbox

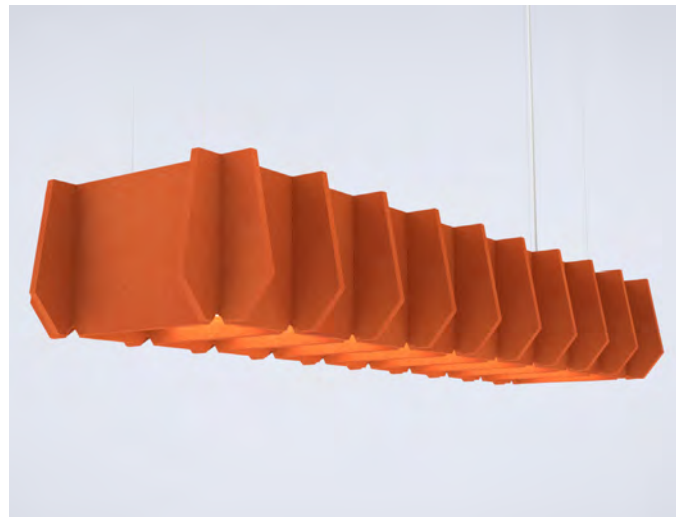
Manufactured from PET (65% recycled material)

100% recyclable

1 year limited warranty



Matrix MA-3



Matrix MA-5



Matrix

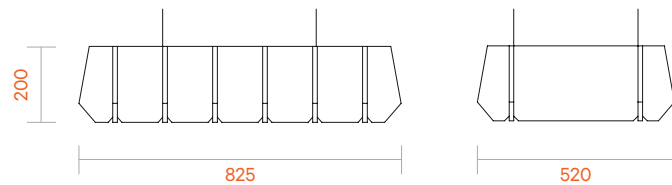


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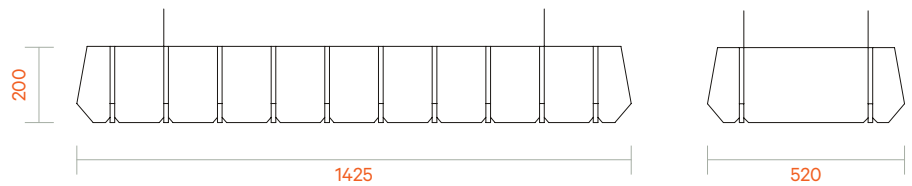
Dimensions

Photometrics	
Delivered Lumen Output	2471lm
Wattage	32W
Efficacy	77lm/W Delivered
CRI	90
CCT	3000, 3500, 4000K



MA-3

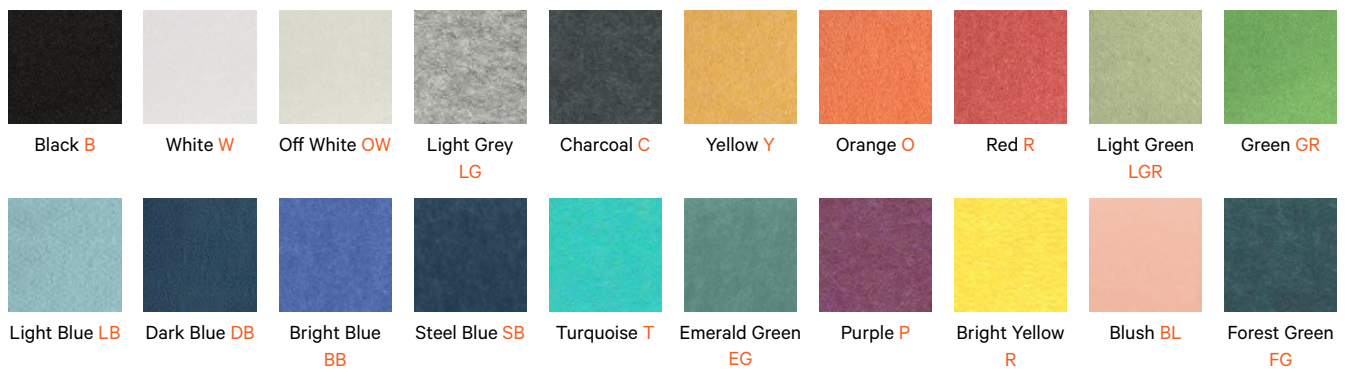
Photometrics	
Delivered Lumen Output	3645lm
Wattage	48W
Efficacy	76lm/W Delivered
CRI	90
CCT	3000, 3500, 4000K



MA-5

Available Colour Options

Solid PET Colours

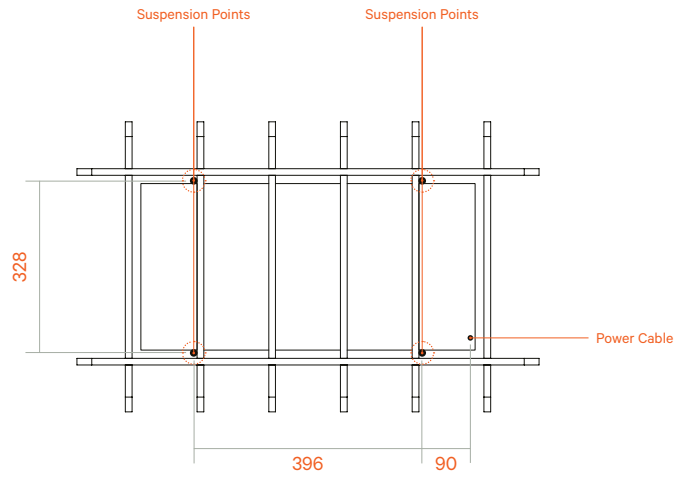


Colours are subject to lead times and variations across batches.

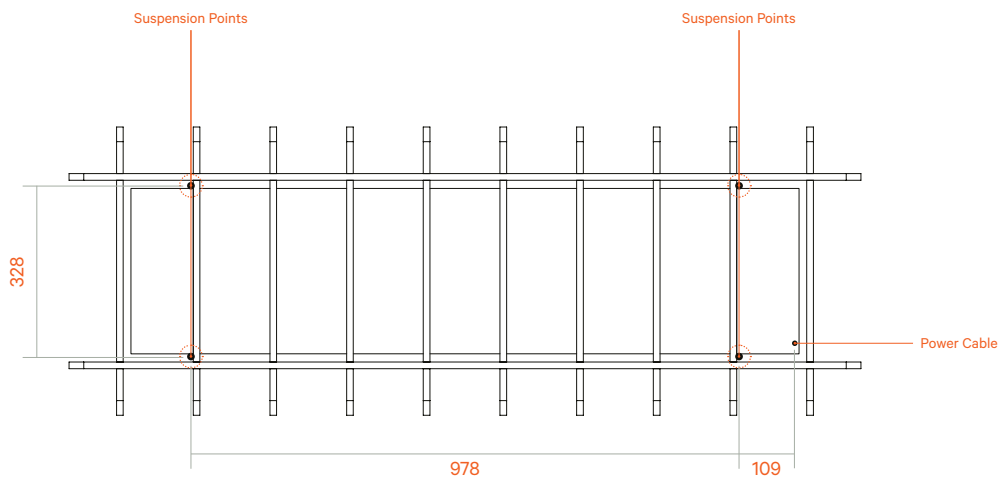
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Canopy Locations



MA-3



MA-5

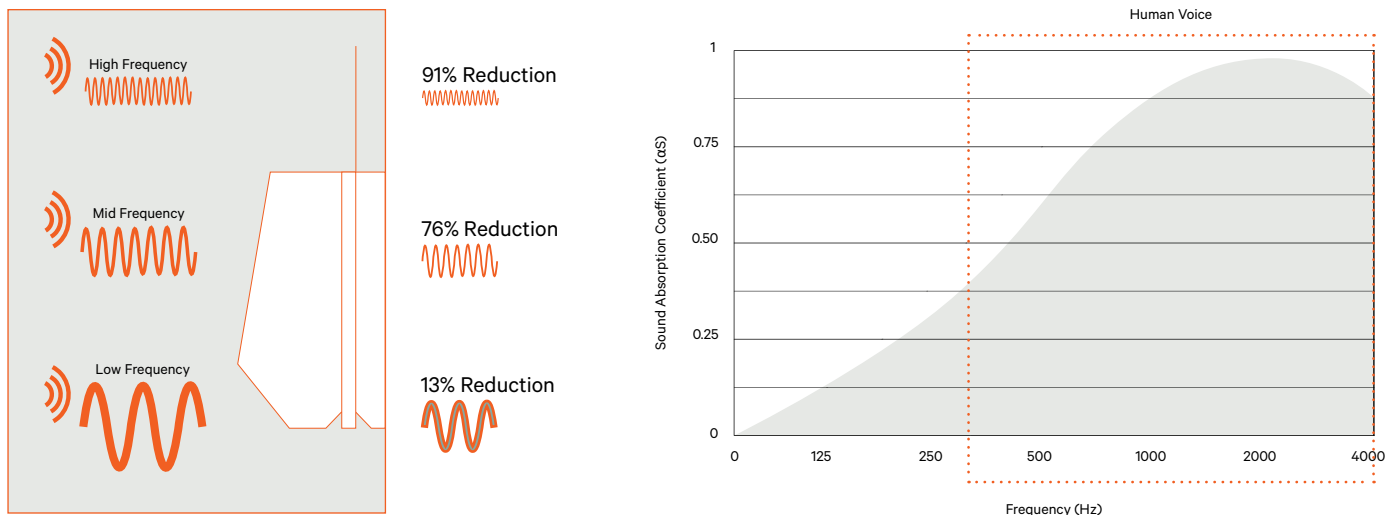
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Product Properties

Acoustic Properties

Visualisation of decibel decay across the Matrix range. Effects of 0.9 Noise Reduction Coefficient (NRC) across a range of frequencies.



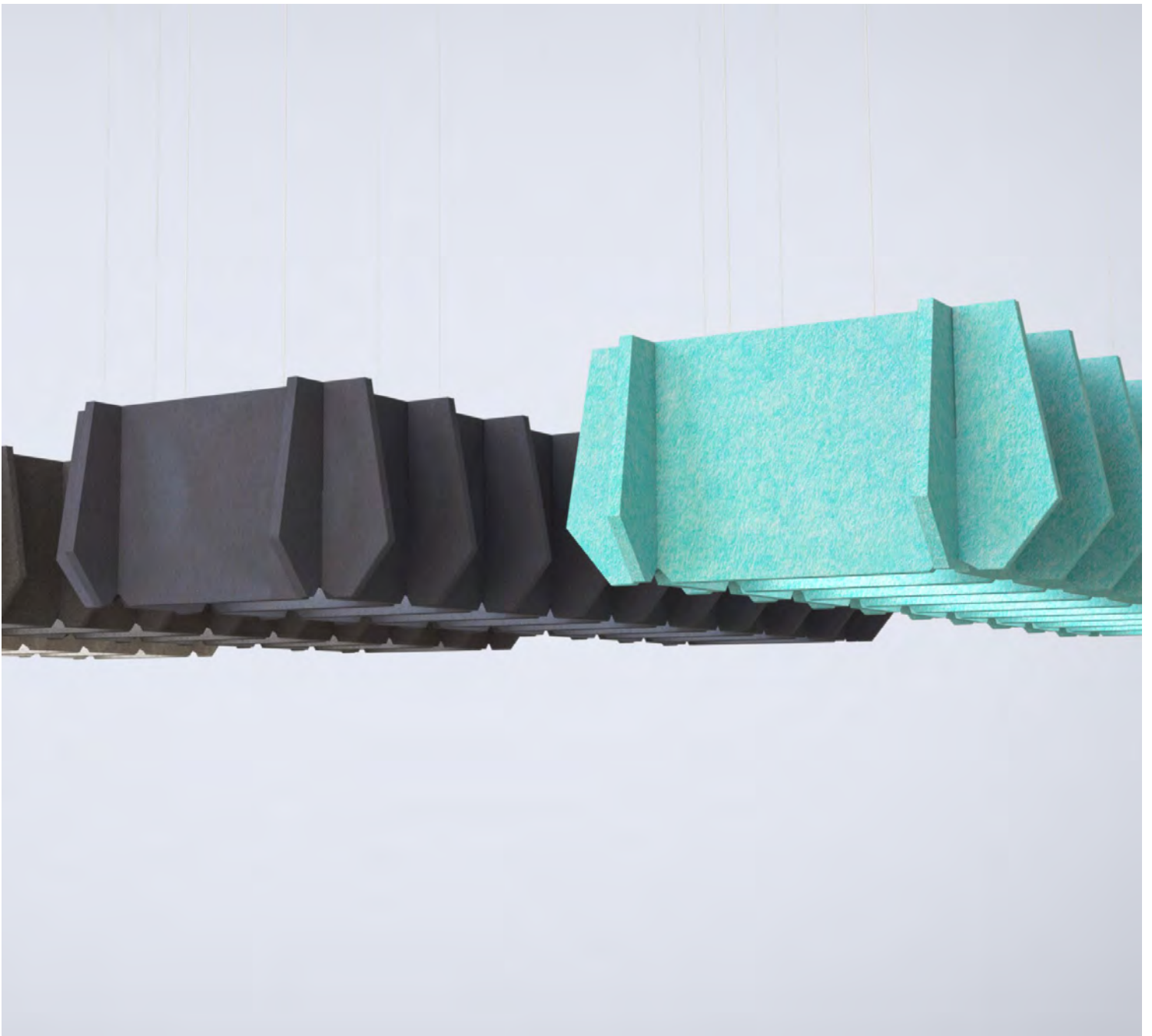
PET Acoustic Properties

Products are given a NRC from 0 to 1 based on their ability to absorb sound, where 1.0 equals 100% sound absorption. The NRC is used to calculate Sabin value of any surface material. The Sabin value equals the NRC multiplied by the total surface area in squared feet or squared metres.

Size	(MA-3) 825mm	(MA-5) 1425mm
Metrics	0.783 Sabins	1.323 Sabins

Material Specifications

	Colour Codes: BL, BY, BB, C, EG, FG, LG, MG, P, SB, T	Colour Codes: B, W, OW, DB, LB, G, LG, R, O, Y
Colour Fastness to Light	ISO 105-B02-1994 Rating: 6-7	ISO 105-B02-1994 Rating: 6-7
Fire Test	AS 1530.3 ISO 9705: Group 1 GB8624 B1 BS EN 13501.1: Classification B-s1, d0	AS ISO 9705 - 2003: Group 1 ISO 9705 - 1993: Group 1s ASTM E-84-14 (A, FS:0 - SD:45) BS EN13501-1:2007+A1:2009 (B-s1, d0)
Environmental	PET achieves GreenTag Certification GreenRate: Level A	PET achieves GreenTag Certification GreenRate: Level A
Thermal Transition	ASTM C518-2010. R- Value = 0.30 m ² K/W	ASTM C518-2010. R- Value = 0.30 m ² K/W
Sound Absorption	AS ISO 354 - 2006 Noise reduction coefficient (NRC) = 0.7	AS ISO 354 - 2006 Noise reduction coefficient (NRC) = 0.7
VOC Emissions	ASTM D5116 Rate: < 0.02 mg/m ² /hr (7 days)	ASTM D5116 Rate: < 0.01 mg/m ² /hr (7 days)



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