



ATOMIS

Metronome-M square

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CATEGORY

Recessed & lay-in luminaires

MOUNTING

Recessed

IP CLASS

IP20 (naar boven)/IP40 (naar beneden)

COLOUR TEMPERATURE

2700K, 3000K, 3500K, 4000K, Tunable White

CRI

CRI80, CRI90

UGR

<19

Introduction

Metronome-M square is a square LED luminaire with 32 recessed lenses placed behind a louvre grille. This innovative luminaire provides effective lighting and a...

With the Metronome-M square, you choose architectural lighting that unites design and light quality. Designed for hospitality, office, education, public spaces, the luminaire integrates neatly into the design and delivers comfortable, considered light. Thanks to its thoughtful detailing and high-quality finish, it is a choice that lasts for years — and makes your project look better.

Features

Architectural design with 32 optics

Choice between UGR < 19 and UGR < 16 optics

Louvre in matt black and matt white

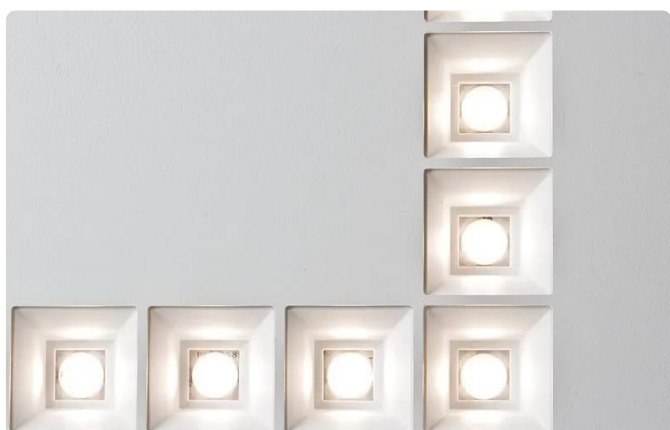
Flat design for low ceiling depths

Technical specifications

Mounting	Recessed
Application	Hospitality, Office, Education, Public spaces
Material	Acrylic, Steel
Optics	Lens and louvre
UGR	<19
IP class	IP20 (naar boven)/IP40 (naar beneden)
CRI	CRI80, CRI90
CCT	2700K, 3000K, 3500K, 4000K, Tunable White
Control	1-10V dimmable, Casambi dimmable, DALI dimmable, Optional
Emergency lighting	1-hour emergency power, Optional, Optional 1-hour autonomy self-test
Efficiency	>140lm/W
Photobiological safety	IEC 62471: RG1 (low risk)
Insulation class	Class II
Power factor	>0.9
Ambient temperature	-20°C / +40°C
Options	Attached to the luminaire, Remote driver, Optional, BST 14i2, Europlug, GST18i3, GST18i5 pastelblauw, On request, On the driver
Brand	Atomis
Category	Recessed & lay-in luminaires

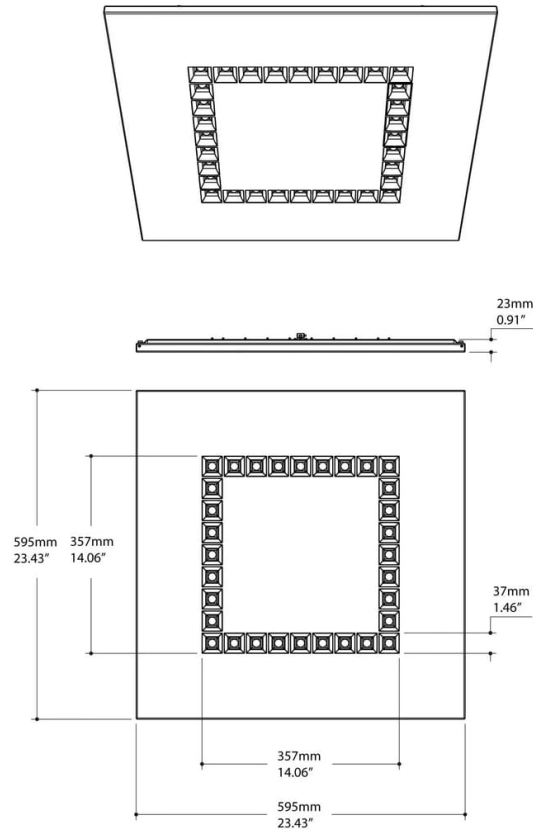
Product photos

Atmosphere and product images — technical drawings are on a separate page



Technical drawings

Dimensions and line art — not to scale



Photometric drawing

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15.6	16.4	15.9	16.6	16.8	15.4	16.2	15.7	16.4	16.6
	3H	15.6	16.3	15.9	16.5	16.8	15.4	16.1	15.7	16.3	16.5
	4H	15.6	16.2	15.9	16.5	16.7	15.3	16.0	15.6	16.2	16.5
	6H	15.5	16.1	15.8	16.4	16.7	15.3	15.9	15.6	16.2	16.4
	8H	15.5	16.0	15.8	16.3	16.6	15.2	15.8	15.6	16.1	16.4
4H	12H	15.4	16.0	15.8	16.3	16.6	15.2	15.8	15.6	16.1	16.4
	2H	15.5	16.1	15.8	16.4	16.7	15.3	15.9	15.6	16.2	16.4
	3H	15.5	16.0	15.8	16.3	16.6	15.2	15.8	15.6	16.1	16.4
	4H	15.5	15.9	15.8	16.3	16.6	15.2	15.7	15.6	16.0	16.4
	6H	15.4	15.8	15.8	16.2	16.6	15.2	15.6	15.6	15.9	16.3
8H	8H	15.4	15.7	15.8	16.1	16.5	15.2	15.5	15.6	15.9	16.3
	12H	15.3	15.7	15.8	16.1	16.5	15.1	15.4	15.6	15.8	16.3
	4H	15.4	15.7	15.8	16.1	16.5	15.1	15.5	15.6	15.9	16.3
	6H	15.3	15.6	15.8	16.0	16.5	15.1	15.4	15.5	15.8	16.2
	8H	15.3	15.5	15.8	16.0	16.4	15.1	15.3	15.5	15.7	16.2
12H	12H	15.3	15.4	15.7	15.9	16.4	15.0	15.2	15.5	15.7	16.2
	4H	15.3	15.6	15.8	16.0	16.5	15.1	15.4	15.5	15.8	16.2
	6H	15.3	15.5	15.7	16.0	16.4	15.1	15.3	15.5	15.7	16.2
	8H	15.3	15.4	15.7	15.9	16.4	15.0	15.2	15.5	15.7	16.2
	8H	15.3	15.4	15.7	15.9	16.4	15.0	15.2	15.5	15.7	16.2
Variation of the observer position for the luminaire distances S											
S = 1.0H		+3.5 / -6.8					+3.9 / -6.8				
S = 1.5H		+5.5 / -7.2					+6.0 / -7.2				
S = 2.0H		+7.5 / -7.7					+7.9 / -7.7				
Standard table		BK00					BK00				
Correction Summand		-2.9					-3.1				
Corrected Glare Indices referring to 3862lm Total Luminous Flux											

Photometric drawing

Specification text

Metronome-M square is a square LED luminaire with 32 recessed lenses placed behind a louvre grille. This innovative luminaire provides effective lighting and adds elegance to any architectural environment. Customers can choose between two different optics: the standard UGR < 19 or the UGR < 16. The luminaires are made of powder-coated steel and are custom-made for each ceiling system. - Architectural design with 32 optics - Choice between UGR < 19 and UGR < 16 optics - Louvre in matt black and matt white - Flat design for low ceiling depths

Information

Note

Specifications depend on the project and configuration. Always consult the current technical documentation.

This datasheet is compiled from structured product information based on XML source data and the current source page. Specifications may vary per project configuration.

Atomis Architectural Lighting · atomislighting.com · The Netherlands

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