



METRONOME-M SQUARE

Metronome-M square is a square LED fixture with 32 recessed lenses positioned behind a grid-shaped louver. This innovative lighting fixture provides effective illumination and adds elegance to any architectural environment. Customers can choose from two different optics: the standard UGR19 or the UGR16. The fixtures are made from powder-coated steel and are custom-made for each ceiling system.

- Architectural design with 32 optics
- Choice between UGR< 19 and UGR< 16 optics
- Louver in matte black and matte white
- Flat design for shallow ceiling depths

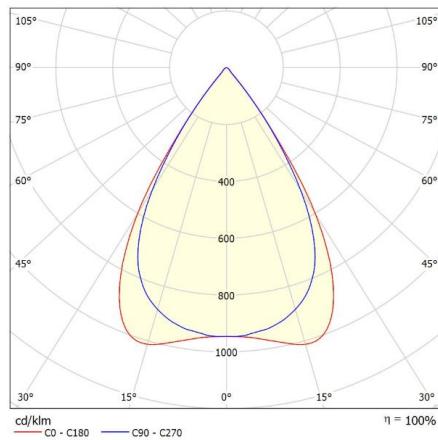
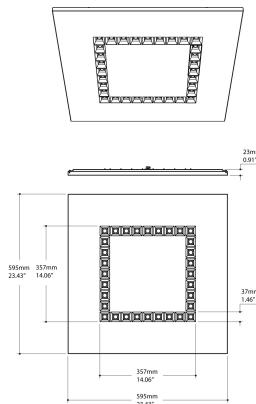
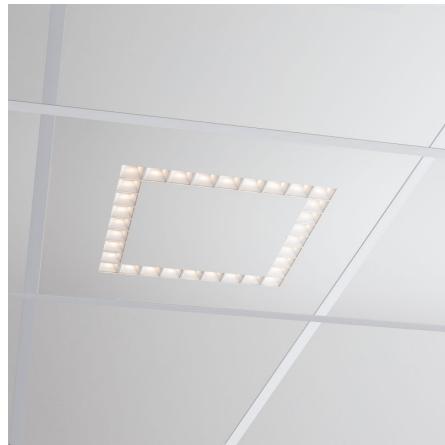
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PRODUCT IMAGES



Glare Evaluation According to UGR												
		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
Room Size	X	Y	70	70	50	50	30	70	70	50	50	30
p Ceiling	70	15.6	15.4	15.9	15.6	16.8	15.4	16.2	15.7	16.4	16.6	16.6
p Walls	50	15.6	15.3	15.9	15.5	16.8	15.4	16.1	15.7	16.3	16.5	16.5
p Floor	20	20	20	20	20	20	20	20	20	20	20	20
2H	2H	15.6	15.4	15.9	15.6	16.8	15.4	16.2	15.7	16.4	16.6	16.6
3H	15.6	15.3	15.9	15.5	16.8	15.4	16.1	15.7	16.3	16.3	16.3	16.5
4H	15.6	15.2	15.9	15.5	16.7	15.3	16.0	15.6	16.2	16.2	16.5	16.5
6H	15.2	15.1	15.6	15.4	16.4	15.2	15.9	15.6	16.2	16.2	16.4	16.4
8H	15.5	15.0	15.8	15.3	16.6	15.2	15.9	15.6	16.1	16.1	16.4	16.4
12H	15.4	15.0	15.8	15.3	16.6	15.2	15.8	15.6	16.1	16.1	16.4	16.4
2H	2H	15.5	15.1	15.8	15.4	16.7	15.3	15.9	15.6	16.2	16.4	16.4
3H	15.5	15.0	15.8	15.3	16.6	15.2	15.8	15.6	16.1	16.1	16.4	16.4
4H	15.5	15.9	15.8	15.3	16.6	15.2	15.7	15.6	16.0	16.0	16.4	16.4
6H	15.1	15.3	15.6	15.3	16.5	15.2	15.9	15.6	16.1	16.1	16.3	16.3
8H	15.4	15.8	15.6	15.1	16.5	15.2	15.5	15.6	15.9	15.9	16.3	16.3
12H	15.3	15.7	15.8	15.1	16.5	15.1	15.4	15.6	15.8	15.8	16.1	16.3
8H	8H	15.4	15.7	15.8	16.1	16.5	15.1	15.5	15.6	16.2	16.4	16.4
6H	15.3	15.6	15.8	16.0	16.5	15.1	15.4	15.5	15.8	15.8	16.2	16.2
4H	15.3	15.5	15.8	16.0	16.4	15.1	15.3	15.5	15.7	15.7	16.2	16.2
12H	15.3	15.4	15.7	15.9	16.4	15.0	15.2	15.5	15.7	15.7	16.2	16.2
12H	12H	15.4	15.5	15.7	15.8	16.4	15.1	15.3	15.5	15.7	15.7	16.2
8H	8H	15.4	15.7	15.9	16.4	16.4	15.0	15.2	15.5	15.7	15.7	16.2

Variation of the observer position for the luminaire distance 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 Correction Summand

BK00	BK00
-2.9	-3.1

Corrected Glare Indices referring to 3862lm Total Luminous Flux

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NOTES

ADDITIONAL INFORMATION

Driver position	Attached to the fixture, Loose driver
Shape	Rectangular
Energy Rating	
Product Glare (UGR)	
Color temperature	Tunable White, 2700K
Length	595mm
Voltage / frequency	
Expected lifespan	L90B50@60,000h (Tq 25°C)
Primary connections	GST18i3, GST18i5 pastelblauw, Kabel, On the driver
Color Rendering Index (CRI)	CRI80, CRI90
Material	Acrylic, Aluminum, Steel
Lighting control	1-10V dimming, Casambi dimming, DALI dimming, Optional
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Product Color	On request, RAL9010 mat, RAL9010 mat structuur, RAL9011 mat, RAL9011 mat structuur, RAL9016 mat, RAL9016 mat structuur
Application	Education, Hospitality, Office, Public spaces
Self-adhesive dust cover	No
Spot bundle (FWHM)	
Luminaire efficacy	>150lm/W
Air extraction	Optional
Product family	Metronome
Product Confirmation	Recessed
Optics	Lens en louver
Width	595mm
Packaging dimensions	Bulk packaging
CIE Flux code	96 99 100 100 100
Power factor	>0.9
Insulation Class	Class II
Ambient temperature	-20°C / +40°C
Kleurconsistentie (SDCM)	SDCM=3

Oriëntatie	Down
IP Rating	IP20 (upwards)/IP40 (downwards)
Photobiological safety	IEC 62471: RG1 (low risk)

