

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

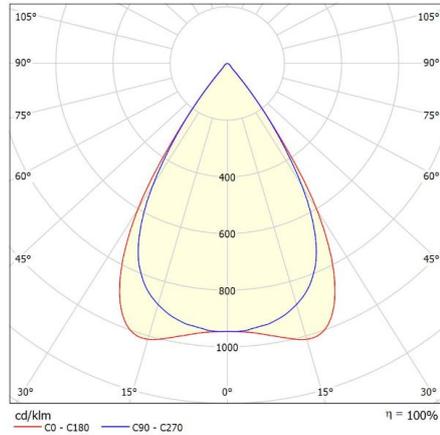
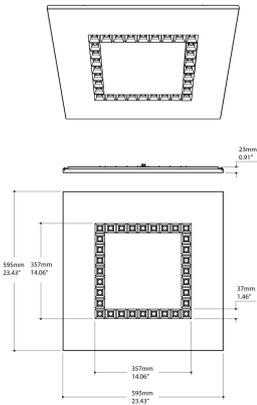
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PRODUCT IMAGES



Glare Evaluation According to UGR													
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	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis							
X	Y												
2H	2H	15.6	15.4	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	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	15.4	15.7	15.8	16.1	16.5	15.2	15.5	15.6	15.9	16.3		
8H	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	15.3	15.4	15.7	15.9	16.4	15.0	15.2	15.5	15.7	16.2		
	12H	15.3	15.6	15.8	16.0	16.5	15.1	15.4	15.5	15.8	16.2		
12H	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		
Validation of the observer position for the luminance 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													

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NOTES

ADDITIONAL INFORMATION

Driver positie	Attached to the fixture, Loose driver
Shape	Rectangular
Energielabel	A++
Glare (UGR)	<19
Kleurtemperatuur	Tunable White, 2700K
Length	595mm
Voltage / frequency	220-240V, 50 / 60Hz
Verwachte levensduur	L90B50@60,000h (Tq 25°C)
Primaire aansluitingen	BST 14i2, Europlug, On request, GST18i3, GST18i5 pastelblauw, On the driver
Color Rendering Index (CRI)	CRI90, CRI80
Material	Steel
Light control	1-10V dimming, Casambi dimming, DALI dimming
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Productkleur	On request
Producttoepassing	Education, Hospitality, Office, Public spaces
Self-adhesive dust cover	Optional
Spot bundle (FWHM)	
Air extraction	Optional
Family	Metronome
Armaturefficiëntie	>140lm/W
Bevestiging	Recessed
Optics	Lens en louver
Breedte	595mm
Packaging dimensions	Bulk packaging
CIE Flux code	96 99 100 100 100
Powerfactor	>0.9
Isolatieklasse	Class II
Ambient temperature	-20°C / +40°C
Kleurconsistentie (SDCM)	SDCM=3

Oriëntatie

Down

IP-class

IP20 (upwards)/IP40 (downwards)

Photobiological safety

IEC 62471: RG1 (low risc)

