METRONOME-CG SQUARE

Metronome-CG square is an LED luminaire for suspended ceilings with concealed profiles, featuring 32 integrated lenses placed 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 UGR< 19 or 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
- Louver finish white or high-gloss aluminum
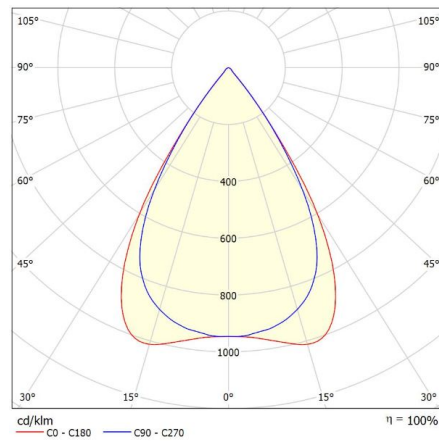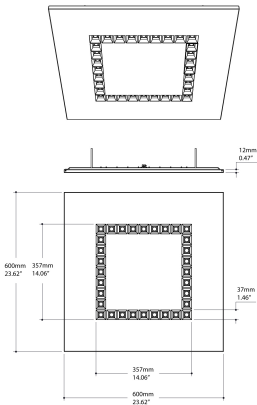- Flat design for shallow ceiling depths

Downloads
Photometrics Metronome-CG square
Create your own product, download the PDF specification sheet or add to the quotation:

Categories: Concealed grid luminaires

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 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
	12H	15.4	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
	12H	15.3	15.7	15.8	16.1	16.5	15.1	15.4	15.6	15.8	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	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

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		

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NOTES

ADDITIONAL INFORMATION

Driver positie	Attached to the fixture, Loose driver
Shape	Square
Energielabel	A++
Kleurtemperatuur	Tunable White, 2700K
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
Armatuurefficiëntie	>140lm/W
Air extraction	Optional
Bevestiging	Recessed
Optics	Lens en louver
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)
C-Haak hoogte	N/A
Family	Metronome