



## **METRONOME-CG SQUARE**

Metronome-CG square is an LED luminaire for concealed grid ceilings, featuring 32 recessed lenses positioned behind a grid-style louver. This innovative 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 luminaires are made of powder-coated steel and are custom-made for every ceiling system. Customers have the option to choose between two different optics: the standard UGR 19 or the UGR 16.

- Architectural design with 32 optics
- Choice of UGR 19 or UGR 16 optics.
- Louver finish white or high-gloss aluminum
- Flat design for shallow ceiling depths

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**Categories:** [Concealed grid luminaires](#)



## PRODUCT IMAGES



Glare Evaluation According to UGR												
p. Ceiling		70	70	50	50	30	70	70	50	50	30	30
p. Walls		50	30	50	30	30	50	30	50	30	30	30
p. Floor		20	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	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	12H	15.4	15.7	15.8	16.1	16.5	15.2	15.5	15.6	15.9	16.3	
	4H	15.3	15.7	15.8	16.1	16.5	15.1	15.4	15.6	15.8	16.3	
	6H	15.4	15.7	15.8	16.1	16.5	15.1	15.5	15.6	15.9	16.3	
	8H	15.3	15.6	15.8	16.0	16.5	15.1	15.4	15.5	15.8	16.2	
	12H	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	15.3	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	15.3	15.7	16.2	

  

Variation 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

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## ADDITIONAL INFORMATION

<b>Air extraction</b>	Optional
<b>Armaturefficiëntie</b>	>140lm/W
<b>Bevestiging</b>	Recessed
<b>C-Haak hoogte</b>	N/A
<b>C-haakhoogte</b>	n.v.t.
<b>CIE Flux code</b>	93 100 100 100 100
<b>Driver positie</b>	Attached to the fixture, Loose driver
<b>Energielabel</b>	A++
<b>Family</b>	Metronome
<b>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>Glare (UGR)</b>	<19
<b>IP-class</b>	IP20 (upwards)/IP40 (downwards)
<b>Isolatieklasse</b>	Class II
<b>Kleurconsistentie (SDCM)</b>	SDCM=3
<b>Kleurtemperatuur</b>	Tunable White, 2700K, 3000K, 3500K, 4000K
<b>Color Rendering Index (CRI)</b>	CRI90, CRI80
<b>Light control</b>	1-10V dimming, Casambi dimming, DALI dimming, Optional
<b>Luchtafzuiging</b>	Optioneel
<b>Material</b>	Acrylic, Steel
<b>Emergency lighting</b>	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
<b>Ambient temperature</b>	-20°C / +40°C
<b>Optics</b>	Lens en louver
<b>Oriëntatie</b>	Down
<b>Packaging dimensions</b>	Bulk packaging
<b>Powerfactor</b>	>9
<b>Primaire aansluitingen</b>	BST 14i2, Europlug, On request, GST18i3, GST18i5 pastelblauw, On the driver
<b>Productkleur</b>	On request
<b>Producttoepassing</b>	Education, Hospitality, Office, Public spaces
<b>Self-adhesive dust cover</b>	Optional

<b>Verpakkingsafmetingen</b>	Bulkverpakking
<b>Verwachte levensduur</b>	L90B50@60,000h (Tq 25°C)
<b>Voltage / frequentie</b>	220-240V, 50 / 60Hz
<b>Shape</b>	Square
<b>Zelfklevende stofkap</b>	Optioneel

