



## **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

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



## PRODUCT IMAGES



| Glare Evaluation According to UGR                                |     |  |      |      |      |      |   |      |      |      |      |  |  |
|--|-----|--|------|------|------|------|---|------|------|------|------|--|--|
| p. Ceiling   |     | 70   | 70   | 50   | 50   | 30   | 70                                      | 70   | 50   | 50   | 30   |  |  |
| p. Walls   |     | 50   | 30   | 50   | 30   | 30   | 50                                      | 30   | 50   | 30   | 30   |  |  |
| p. 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   | 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   | 2H  | 15.4   | 16.0 | 15.8 | 16.3 | 16.6 | 15.2                                    | 15.8 | 15.6 | 16.1 | 16.4 |  |  |
|  | 3H  | 15.5   | 16.1 | 15.8 | 16.4 | 16.7 | 15.3                                    | 15.9 | 15.6 | 16.2 | 16.4 |  |  |
|  | 4H  | 15.5   | 16.0 | 15.8 | 16.3 | 16.6 | 15.2                                    | 15.8 | 15.6 | 16.1 | 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   | 2H  | 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 | 15.3   | 15.4 | 15.7 | 15.9 | 16.4 | 15.0                                    | 15.2 | 15.3 | 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 | 15.3 | 15.7 | 16.2 |  |  |
| Variation of the observer position for the luminare distances S: |     |  |      |      |      |      |   |      |      |      |      |  |  |
| S = 1,0H   |     | +3.5   | /    | -6.8 |      | +3.9 | /                                       | -6.8 |      |      |      |  |  |
| S = 1,5H   |     | +3.5   | /    | -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                |

## LDT / PHOTOMETRICS DOWNLOADS

### LDT / Photometrics downloads

All downloads can be found centrally per family at

<https://atomis.nl/ldt-photometrics/>