

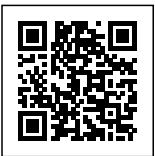


## **FUSION-CG**

Fusion-CG, a range of LED luminaires with modular dimensions for use in suspended ceilings with concealed grid structures. The luminaires are made of a lightweight composite panel material consisting of two layers of painted aluminum skin with a thermoplastic core in between. The material has excellent thermal and fire resistance values, sound insulation and is extremely flat.

- Suitable for use in combination with all common suspended ceiling systems
- Architectural design
- Equipped with a prismatic lens (UGR < 19) or an opal diffuser<

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



Fusion-CG, a range of LED luminaires with modular dimensions for use in suspended ceilings with concealed grid structures. The luminaires are made of a lightweight composite panel material consisting of two layers of painted aluminum skin with a thermoplastic core in between. The material has excellent thermal and fire resistance values, sound insulation and is extremely flat.

- Suitable for use in combination with all common suspended ceiling systems
- Architectural design
- Equipped with a prismatic lens (UGR < 19) or an opal diffuser<

**NOTES**

---

---

---

---

---

---

---

## ADDITIONAL INFORMATION

<b>Air extraction</b>	N/A
<b>Armaturefficiëntie</b>	>140lm/W
<b>Bevestiging</b>	Recessed
<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>	Fusion
<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>	n.v.t.
<b>Material</b>	Acrylic, Aluminium, 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>	Microprismatic lens, Opalen diffusor
<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

## PHOTOMETRIC DATA

19.830-P Fusion-CG 600×600 16W 2100lm 3000K CRI80 G7  
19.830-P Fusion-CG 600×600 18W 2450lm 3000K CRI80 G7  
19.830-P Fusion-CG 600×600 21W 2750lm 3000K CRI80 G7  
19.830-P Fusion-CG 600×600 24W 3100lm 3000K CRI80 G7  
19.830-P Fusion-CG 600×600 28W 3600lm 3000K CRI80 G7  
19.840-P Fusion-CG 600×600 16W 2250lm 4000K CRI80 G7  
19.840-P Fusion-CG 600×600 18W 2650lm 4000K CRI80 G7  
19.840-P Fusion-CG 600×600 21W 3000lm 4000K CRI80 G7  
19.840-P Fusion-CG 600×600 24W 3350lm 4000K CRI80 G7  
19.840-P Fusion-CG 600×600 28W 3900lm 4000K CRI80 G7

## LDT / PHOTOMETRICS DOWNLOADS

### LDT / Photometrics downloads

All downloads can be found centrally per family at  
<https://atomis.nl/ldt-photometrics/>