



## **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<

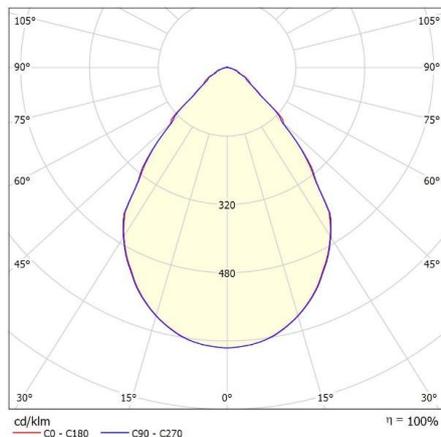
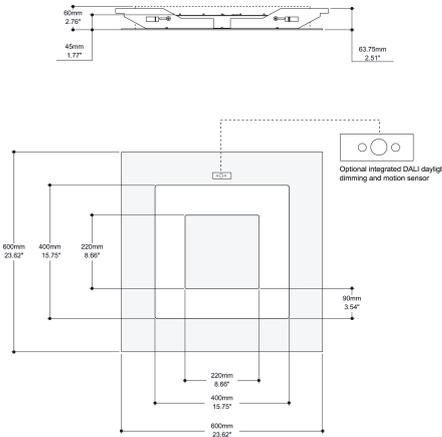
### **Downloads**

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



PRODUCT IMAGES



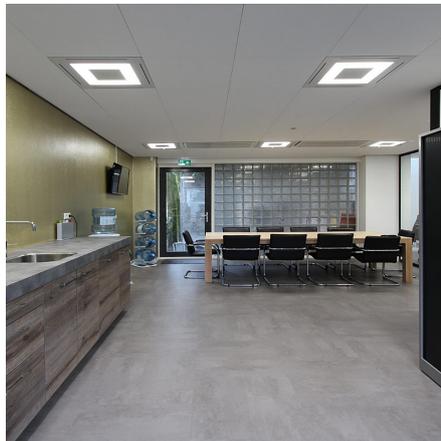
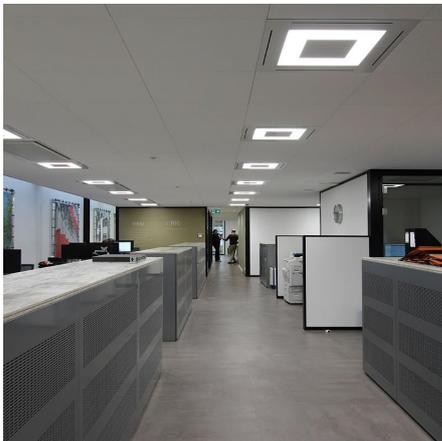
**f-waardering volgens UGR**

p Plafond	70				50				30																
	50	30	50	30	30	50	30	50	30	50	30														
p Muren	20				20				20																
p Vloer	20				20				20																
Ruimteafmeting	Perspectief dwars												Perspectief langs												
	X	Y	f.s.v. lampen												f.s.v. lampen										
2H	2H	17.4	18.4	17.7	18.6	18.8	17.4	18.3	17.7	18.6	18.8	17.4	18.3	17.7	18.6	18.8									
	3H	17.8	18.6	18.1	18.9	19.1	17.7	18.6	18.0	18.8	19.1	17.7	18.6	18.0	18.8	19.1									
	4H	17.9	18.7	18.3	19.0	19.3	17.9	18.7	18.3	19.0	19.3	17.9	18.7	18.3	19.0	19.3									
	6H	18.1	18.8	18.4	19.1	19.4	18.0	18.8	18.4	19.1	19.4	18.1	18.7	18.4	19.1	19.4									
4H	2H	17.5	18.3	17.8	18.5	18.8	17.4	18.2	17.8	18.5	18.8	17.4	18.2	17.8	18.5	18.8									
	3H	17.9	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.2	17.9	18.6	18.3	18.9	19.2									
	4H	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.2	19.5									
	6H	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.7									
8H	2H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7									
	4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5									
	6H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8									
	12H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9									
12H	4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5									
	6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.8									
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9									
	9H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.9									

Variatie op waarnemerspositie voor lampafstanden 5  
 S = 1.0H +1.2 / -1.7 +1.1 / -1.6  
 S = 1.5H +2.3 / -2.1 +2.4 / -1.9  
 S = 2.0H +3.8 / -2.8 +3.9 / -2.9

Standaardtabel BK02  
 Correctie-optebel 0.6

Georrageerde verblindingindicatie in relatie tot 3930lm Totale lichtstroom





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## Downloads

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## NOTES

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## ADDITIONAL INFORMATION

<b>Shape</b>	Rectangular
<b>Kleurtemperatuur</b>	Tunable White, 2700K
<b>Driver positie</b>	Loose driver
<b>Light control</b>	1-10V dimming, Casambi dimming, DALI dimming
<b>Material</b>	Acrylic, Aluminium, Steel
<b>Producttoepassing</b>	Education, Hospitality, Office, Public spaces
<b>Oriëntatie</b>	Down
<b>Isolatieklasse</b>	Class II
<b>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>Kleurconsistentie (SDCM)</b>	SDCM=3
<b>Optics</b>	Microprismatic lens, Opalen diffusor
<b>Ambient temperature</b>	-20°C / +40°C
<b>Primaire aansluitingen</b>	BST 14i2, Europlug, On request, GST18i3, GST18i5 pastelblauw, On the driver
<b>Productkleur</b>	On request
<b>Bevestiging</b>	Recessed
<b>Emergency lighting</b>	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
<b>Armaturefficiëntie</b>	>140lm/W
<b>Color Rendering Index (CRI)</b>	CRI90, CRI80
<b>Verwachte levensduur</b>	L90B50@60,000h (Tq 25°C)
<b>Length</b>	
<b>Powerfactor</b>	>0.9
<b>Family</b>	Fusion

## 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