



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<

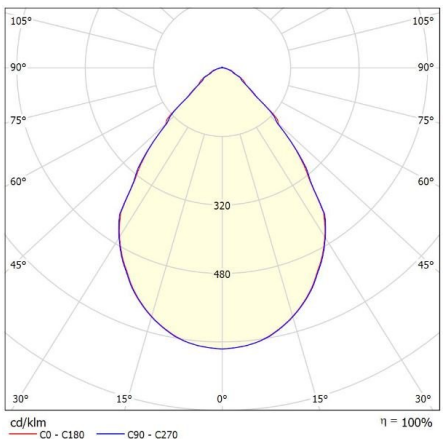
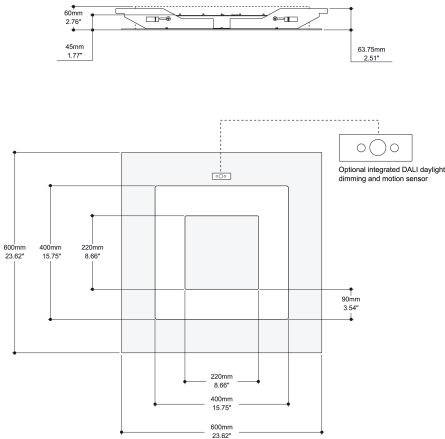
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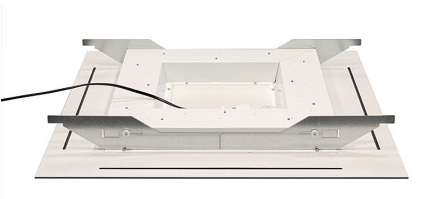
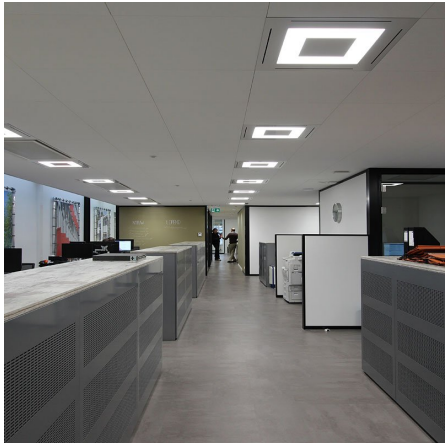
Categories: [Concealed grid luminaires](#)



PRODUCT IMAGES



f-waardering volgens UGR											
p Plafond		70	70	50	50	30	70	70	50	50	30
p Muren		50	30	50	30	30	50	30	50	30	30
p Vloer		20	20	20	20	20	20	20	20	20	20
Ruimteafmeting X Y		Perspectief dwars t.o.v. lampen					Perspectief langs t.o.v. lampen				
2H	2H	17.4	18.4	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
	4H	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
	8H	18.1	18.8	18.4	19.1	19.4	18.1	18.7	18.4	19.1	19.4
4H	12H	18.1	18.8	18.5	19.1	19.4	18.1	18.7	18.4	19.1	19.4
	2H	17.5	18.3	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
	4H	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.1	19.5
	6H	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.7
8H	12H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7
	2H	18.5	18.9	19.0	19.4	19.8	18.5	18.9	19.0	19.3	19.8
	4H	18.7	19.0	19.1	19.5	19.9	18.7	19.0	19.1	19.5	19.9
	6H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.3	19.8
12H	12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.9
	2H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5
	4H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.7
	6H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.8
	8H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.8
Variatie op waarnemerspositie voor lampstanden S											
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				
Standardeenheden		BK02					BK02				
Correctie-optimal							0.6				
Geenwaarde voor vervalsindicatie in relatie tot 393lm Totale lichtstroom											





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NOTES

ADDITIONAL INFORMATION

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