



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

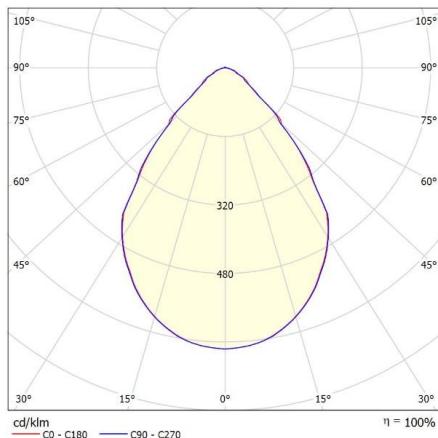
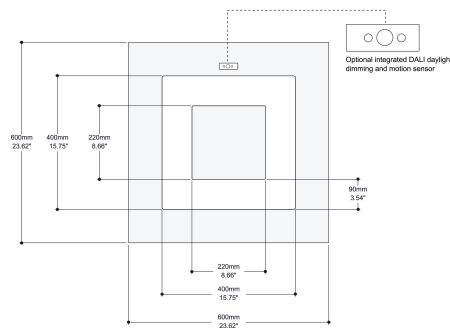
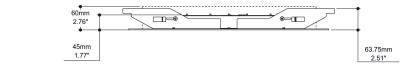
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[Photometrics Fusion-CG](#)

Categories: [Concealed grid luminaires](#)



PRODUCT IMAGES



f-waardering volgens UGR											
Ruimteafmeting	X	Y	Perspectief dicens t.o.v. lampenpas						Perspectief lens t.o.v. lampenpas		
			2H	4H	8H	12H	24H	48H	96H	192H	
p Plafond	70	70	50	50	30	30	70	70	50	50	30
p Muur	50	30	50	30	30	50	30	50	30	30	30
p Vloer	20	20	20	20	20	20	20	20	20	20	20

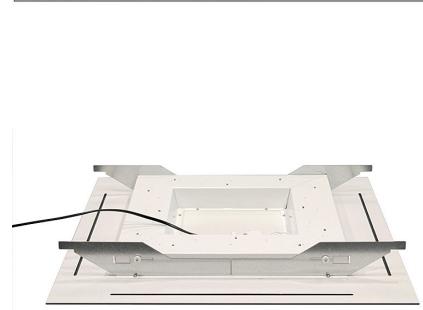
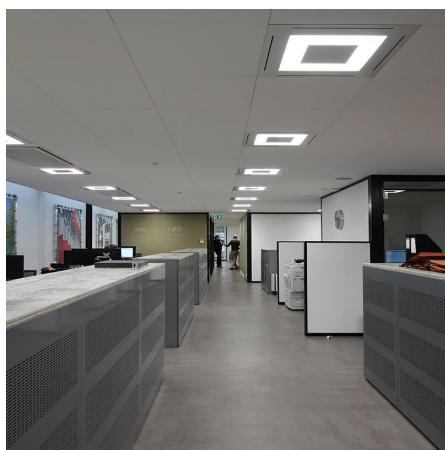
Variatie op essentieel lichtopperveld voor lampafstanden S

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

Standardeertabel

BK02	BK02
Correctie-optimal	0,6
	0,6

Gecorrigeerde verbindingsindicatie in relatie tot 3793lm 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
Armatuurefficiëntie	>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