



FUSION-S1

Fusion-S1 is a pendant luminaire for elegant and effective task lighting in workspaces. The LED luminaire is developed as an alternative to T8 and T5 linear fluorescent fixtures for use in both renovation and new construction projects. LED lighting offers advantages such as excellent dimming, long lifespan and maintenance-free operation. Using an ambient light sensor can achieve energy savings of up to 85%.

- Pendant luminaire with integrated driver
- Prismatic lens for task lighting with low glare (UGR < 19)
- Versions with integrated light sensor available

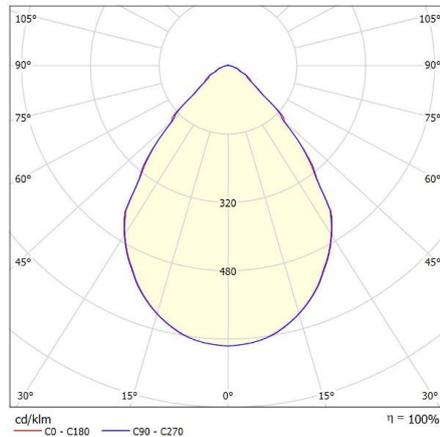
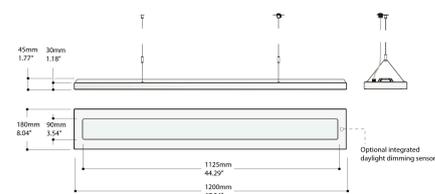
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PRODUCT IMAGES



f-waardering volgens UGR

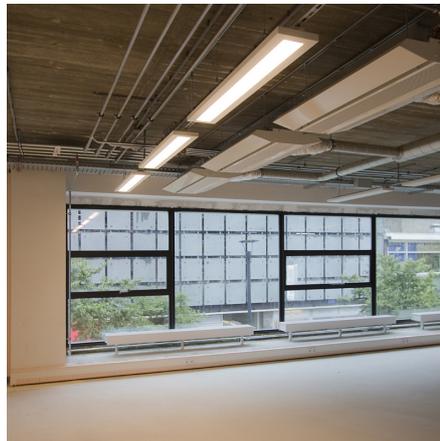
ρ Plafond	70	70	50	50	30	70	70	50	50	30	
ρ Muren	50	30	50	30	30	50	30	50	30	30	
ρ Vloer	20	20	20	20	20	20	20	20	20	20	
Ruimteafmeting	Perspectief dwars					Perspectief langs					
X	Lc.v. lampen					Lc.v. lampen					
Y											
2H	2H	17.4	18.4	17.7	18.6	18.8	17.4	18.3	17.7	18.6	18.8
	3H	17.8	18.6	18.1	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
	12H	18.1	18.8	18.5	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
	3H	17.9	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.3
	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	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7
	12H	18.5	18.9	19.0	19.4	19.8	18.5	18.9	19.0	19.3	19.8
8H	4H	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
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.3	19.8
	12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	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
	6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.7
	8H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.9
	12H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.9

Varieër op aanrempoortie 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-optabel: 0.6

Gecorrigeerde verblindingindicatie in relatie tot 3793lm Totale lichtstroom



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NOTES

ADDITIONAL INFORMATION

Isolatieklasse	Class II, Class-I
Driver positie	Integrated
Light control	1-10V dimming, Casambi dimming, DALI dimming
Producttoepassing	Education, Hospitality, Office, Public spaces
Oriëntatie	Down
Photobiological safety	IEC 62471: RG1 (low risc)
Kleurtemperatuur	Tunable White, 2700K
Kleurconsistentie (SDCM)	SDCM=3
Optics	Microprismatic lens, Opalen diffusor
Ambient temperature	-20°C / +40°C
Shape	Rectangular
Bevestiging	Recessed
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Primaire aansluitingen	GST18i5 pastelblauw, Kabel
Family	Fusion
Armatuurefficiëntie	>140lm/W
Voltage / frequency	220-240V, 50 / 60Hz
Material	Acrylic, Aluminium, Steel
Powerfactor	>0.9

PHOTOMETRIC DATA

19.830-P Fusion-S 4S 16W 2100lm 3000K CRI80 G7 (optic 90x1125mm)
19.830-P Fusion-S 4S 18W 2450lm 3000K CRI80 G7 (optic 90x1125mm)
19.830-P Fusion-S 4S 21W 2750lm 3000K CRI80 G7 (optic 90x1125mm)
19.830-P Fusion-S 4S 24W 3100lm 3000K CRI80 G7 (optic 90x1125mm)
19.830-P Fusion-S 4S 28W 3600lm 3000K CRI80 G7 (optic 90x1125mm)
19.840-P Fusion-S 4S 16W 2250lm 4000K CRI80 G7 (optic 90x1125mm)
19.840-P Fusion-S 4S 18W 2650lm 4000K CRI80 G7 (optic 90x1125mm)
19.840-P Fusion-S 4S 21W 3000lm 4000K CRI80 G7 (optic 90x1125mm)
19.840-P Fusion-S 4S 24W 3350lm 4000K CRI80 G7 (optic 90x1125mm)
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