



## **FUSION-S1**

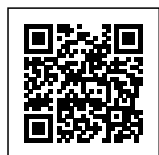
Fusion-S1 is a pendant luminaire for elegant and effective task lighting in workspaces. The LED luminaire is developed as an alternative to T8 and T5 linear fluorescent fixtures for use in both renovation and new construction projects. LED lighting offers advantages such as excellent dimming, long lifespan 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

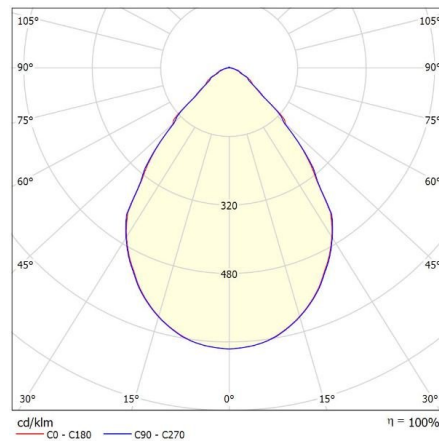
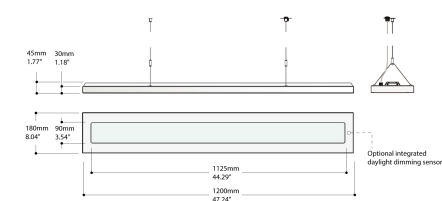
### **Downloads**

[Photometrics Fusion-S1](#)

**Categories:** [Pendant luminaires](#)



## PRODUCT IMAGES



f-waardering volgens UGR												
p Plafond	70	70	50	50	30	70	70	50	50	30	70	70
p Muren	50	30	50	30	20	50	30	50	30	20	50	30
p Vloer	20	20	20	20	20	20	20	20	20	20	20	20
Ruimteafmeting	Perspectief dwars						Perspectief langs					
X Y	f.o.v. lampen						f.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	18.8
	3H	17.8	18.6	18.1	18.9	19.1	17.7	18.6	18.0	18.8	19.1	19.1
	4H	17.9	18.7	18.3	19.0	19.3	17.9	18.7	18.3	19.0	19.3	19.3
	6H	18.1	18.8	18.4	19.1	19.4	18.0	18.8	18.4	19.1	19.4	19.4
	8H	18.1	18.8	18.4	19.1	19.4	18.1	18.7	18.4	19.1	19.4	19.4
4H	12H	18.1	18.8	18.5	19.1	19.4	18.1	18.7	18.4	19.1	19.4	19.4
	2H	17.5	18.3	17.8	18.5	18.8	17.4	18.2	17.8	18.5	18.8	18.8
	3H	17.9	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.3	19.3
	4H	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.1	19.5	19.5
	6H	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.7	19.7
8H	8H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7	19.7
	12H	18.5	18.9	19.0	19.4	19.8	18.5	18.9	19.0	19.3	19.8	19.8
	4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5	19.5
	6H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8	19.8
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.3	19.8	19.8
12H	12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.9	19.9
	4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5	19.5
	6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.7	19.7
	8H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.8	19.8
	12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.9	19.9
Variatie op aannamepositie 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					BK02					
Correctie-optelal		0.6					0.6					
Geoorijnde verblindingindicatie in relatie tot 3793lm Totale lichtstroom												



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[Photometrics Fusion-S1](#)

NOTES

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## ADDITIONAL INFORMATION

<b>Isolatieklasse</b>	Class II, Class-I
<b>Driver positie</b>	Integrated
<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>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>Kleurtemperatuur</b>	Tunable White, 2700K
<b>Kleurconsistentie (SDCM)</b>	SDCM=3
<b>Optics</b>	Microprismatic lens, Opalen diffusor
<b>Ambient temperature</b>	-20°C / +40°C
<b>Shape</b>	Rectangular
<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>Primaire aansluitingen</b>	GST18i5 pastelblauw, Kabel
<b>Family</b>	Fusion
<b>Armaturefficiëntie</b>	>140lm/W

## 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)  
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