FUSION-S1

Fusion-S1 is a pendant luminaire for elegant and effective task lighting in workspaces. The LED luminaire is developed as an alternative for T8 and T5 line fluorescent luminaires to apply in both refurbishment and new building projects. LED lighting provides advantages like excellent dimming, long lifecycle and maintenance free use. With the use of an ambient light sensor energy savings up to 85% can be achieved.
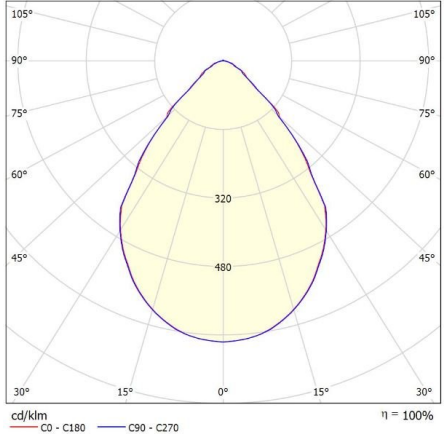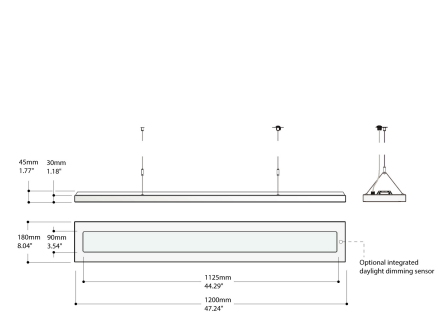
- Pendant luminaire with integrated driver
- Prismatic lens for low glare task lighting (UGR <19)
- Versions with integrated light sensor available

Downloads

Photometrics Fusion-S1
Create your own custom made product, download the PDF specsheet or add to quote:

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 X	Y	Perspectief dwars t.o.v. lampenas					Perspectief langs t.o.v. lampenas				
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	19.2
	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	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	19.8
Variatie op waarnemerpositie 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				
Standaardtabel		BK02					BK02				
Correctie-opteltal		0.6					0.6				

Gecorrigeerde verblindingsindicatie in relatie tot 3793lm Totale lichtstroom

NOTES

ADDITIONAL INFORMATION

Appliance class	Class-I, Class-II
Application	Education, Exposure, Hospitality, Municipality, Office
CIE Flux Code	76 94 99 99 100
Colour consistancy (SDCM)	SDCM = 3
Colour Rendering Index (CRI)	CRI80, CRI90
Colour temperature	Tunable white, 3000K, 4000K
Designed	Philip Feenstra, 2014
Emergency lighting	Optional
Driver position	Integrated
Energy label	A++
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Glare (UGR)	<19
Gross weight	6.0KG
Height	45mm
IP-class	IP20 (top) / IP40 (bottom)
Lighting control	Optional
Luminaire efficacy	>125lm/W
Material	Steel, Acrylate
Number of modules	4S
Operational temperature	-20 ° C / + 40 ° C
Optic	Microprismatic lens, Opal diffuser
Orientation	Down
Packaging dimensions	Bulk packaging
Power factor	>0.9
Product colour	RAL9011 matt, RAL9016 matt
Shape	Rectangular
Suspension height	3m
Voltage / frequency	220-240V, 50 / 60Hz
Way of mounting	Suspension
Width	180mm

Fusion	4S 16W 2100lm 3000K CRI80 G7 (optic 1125mm), 4S 16W 2250lm 4000K CRI80 G7 (optic 1125mm), 4S 18W 2450lm 3000K CRI80 G7 (optic 1125mm), 4S 18W 2650lm 4000K CRI80 G7 (optic 1125mm), 4S 21W 2750lm 3000K CRI80 G7 (optic 1125mm), 4S 21W 3000lm 4000K CRI80 G7 (optic1125mm), 4S 24W 3100lm 3000K CRI80 G7 (optic 1125mm), 4S 24W 3350lm 4000K CRI80 G7 (optic1125mm), 4S 28W 3600lm 3000K CRI80 G7 (optic 1125mm), 4S 28W 3900lm 4000K CRI80 G7 (optic1125mm), 4S 33W 3550lm Tunable White CRI80 G7 (optic 1125mm), Version to be determined
Length	1200mm
Photobiological safety	IEC 62471: RG1 (low risk)