

FUSION-S2 BLACK



Fusion-S2 black is an architectural LED pendant luminaire for elegant and effective task lighting for workplaces. The lighting chamber is covered with a micro-prismatic lens providing low surface luminance (UGR <19) for uniform and comfortable task lighting.

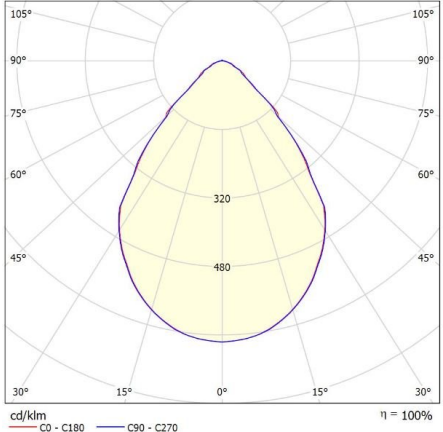
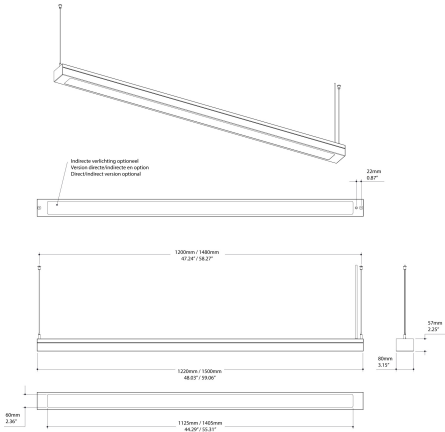
- Available in 1220mm and 1500mm length
- Matt black structure finished
- Microprismatic lens (UGR <19) or opal diffuser
- Direct/indirect version optional

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[Photometrics Fusion-S2](#)

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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		Perspectief dwars					Perspectief langs				
X	Y	t.o.v. lampen					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	2H	18.1	18.8	18.5	19.1	19.4	18.1	18.7	18.4	19.1	19.4
	3H	17.5	18.3	17.8	18.5	18.8	17.4	18.2	17.8	18.5	18.8
	4H	17.9	18.6	18.2	18.9	19.3	17.9	18.6	18.3	18.9	19.2
	6H	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.1	19.5
	8H	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.7
8H	2H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7
	3H	18.5	18.9	19.0	19.4	19.8	18.5	18.9	19.0	19.3	19.8
	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	2H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.9
	3H	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	19.8
	6H	18.6	18.9	19.1	19.3	19.9	18.6	18.9	19.1	19.3	19.9
	8H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	20.0

Varieer 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

Standaardtabel	BK02	BK02
Correctie-optabel	0.6	0.6

Gezondheidsverblindingsindicatie in relatie tot 393lm Totale lichtstroom





NOTES

ADDITIONAL INFORMATION

Shape	Rectangular
Application	Education, Hospitality, Municipality, Office, Retail
Operational temperature	-20 ° C / + 40 ° C
Product colour	RAL9011 matt structure, Upon request
Optic	Microprismatic lens, Opal diffuser
Designed	Philip Feenstra, 2019
Material	Steel, Acrylate
IP-class	IP40 (top)/IP40 (bottom)
Suspension height	3m
Gross weight	6.0KG
Packaging dimensions	Bulk packaging
Colour temperature	Tunable white, 3000K, 4000K
Colour Rendering Index (CRI)	CRI80, CRI90
Colour consistency (SDCM)	SDCM = 3
Glare (UGR)	<19
CIE Flux Code	99/100/100/100/73
Luminaire efficacy	>125lm/W
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Voltage / frequency	220-240V, 50 / 60Hz
Power factor	>0.9
Appliance class	Class-I
Driver position	Integrated
Lighting control	Optional
Emergency lighting	Optional
Way of mounting	Suspension
Height	55mm
IK class	IK06
Number of modules	4S, 5S
Width	80mm
Length	1220mm, 1500mm

Orientation	Down, Up+down
Energy label	A++
Photobiological safety	IEC 62471: RG1 (low risk)
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), 5S 15W 2100lm 3000K CRI80 G7 (optic1405mm), 5S 15W 2250lm 4000K CRI80 G7 (optic1405mm), 5S 18W 2450lm 3000K CRI80 G7 (optic 1405mm), 5S 18W 2650lm 4000K CRI80 G7 (optic1405mm), 5S 21W 2800lm 3000K CRI80 G7 (optic1405mm), 5S 21W 3000lm 4000K CRI80 G7 (optic 1405mm), 5S 24W 3150lm 3000K CRI80 G7 (optic1405mm), 5S 24W 3350lm 4000K CRI80 G7 (optic1405mm), 5S 28W 3650lm 3000K CRI80 G7 (optic1405mm), 5S 28W 3900lm 4000K CRI80 G7 (optic1405mm), 5S 33W 3550lm Tunable White CRI80 G7 (optic 1405mm), Version to be determined

