

FUSION-C



Fusion-C is a surface mounted luminaire suitable for general lighting as well as an effective task lighting. The LED luminaire is developed as an alternative for T8 and T5 line fluorescent luminaires to apply in both refurbishment and new building projects. The luminaires are made of a slim metal housingfinished in matt white powder coating.

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

Downloads

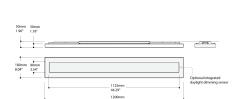
Photometrics Fusion-C

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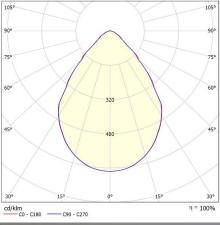
PRODUCT IMAGES

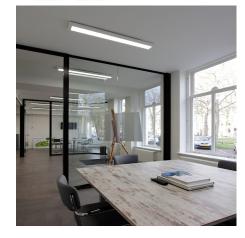














Plafond		70	70	50	50	30	70	70	50	50	30
ρ Muren		50 20	30 20	50 20	30	30 20	50 20	30 20	50 20	30 20	30 20
ρ Vloer					20						
Ruimteafmeting		Perspectief dwars					Perspectief langs				
Х	Υ	t.o.v. lampenas					t.o.v. lampenas				
2H	2H	17.4	18.4	17.7	18.6	18.8	17.4	18.3	17.7	18.6	18.
	3H	17.8	18.6	18.1	18.9	19.1	17.7	18.6	18.0	18.8	19.
	4H	17.9	18.7	18.3	19.0	19.3	17.9	18.7	18.3	19.0	19.
	6H	18.1	18.8	18.4	19.1	19.4	18.0	18.8	18.4	19.1	19.
	SH	18.1	18.8	18.4	19.1	19.4	18.1	18.7	18.4	19.1	19.
	12H	18.1	18.8	18.5	19.1	19.4	18.1	18.7	18.4	19.1	19.
4Н	2H	17.5	18.3	17.8	18.5	18.8	17.4	18.2	17.8	18.5	18.
	3H	17.9	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.
	4H	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.1	19.
	6H	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.
	8H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.
	12H	18.5	18.9	19.0	19.4	19.8	18.5	18.9	19.0	19.3	19.
SH	4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.
	6H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.3	19.
	12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.
12H	4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.
	6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.
	8H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.
fariatie op w	raamemerpo	sitie voor	lampafstar	nden 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				







NOTES			



ADDITIONAL INFORMATION

Appliance class Class-I

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 (Tg 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 45

Operational temperature $-20 \degree \text{C} / + 40 \degree \text{C}$

Optic Microprismatic lens, Opal diffuser

Orientation Down

Packaging dimensions Bulk packaging

Power factor >0.9

Product colour RAL9011 matt, RAL9016 matt

Shape Rectangular

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)

