

FUSION-B



Fusion-B is a range of LED luminaires with modular sizes for use in bandrastrer ceilings. These modules are developed as an alternative for T8 and T5 fluorescent luminaires to apply in both refurbishment and new building projects.

- Suitable to use in combination with all common bandrastrer ceilings
- Architectural appearance
- Equipped with a prismatic lens (UGR <19) or an opal diffuser

Downloads

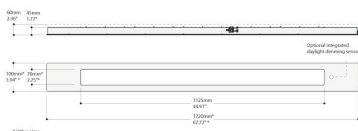
[Photometrics Fusion-B](#)

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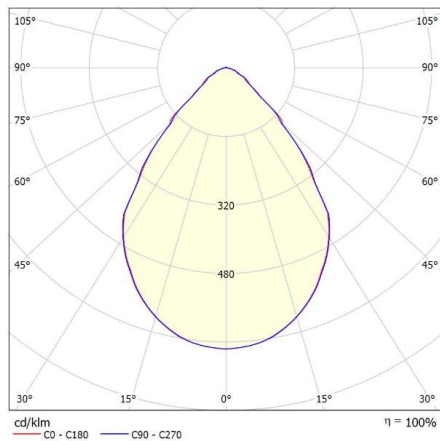
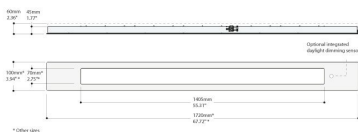
PRODUCT IMAGES



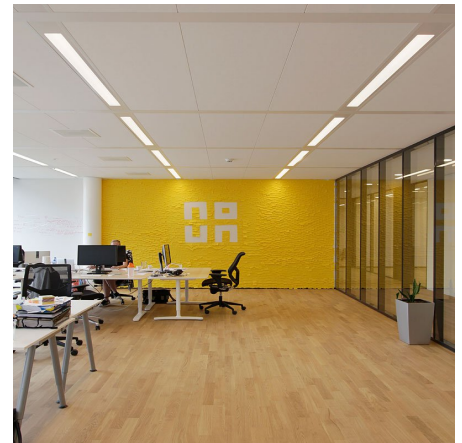
Fusion-B 100x1720 4s

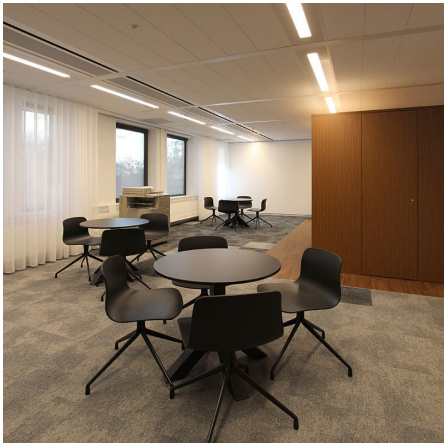
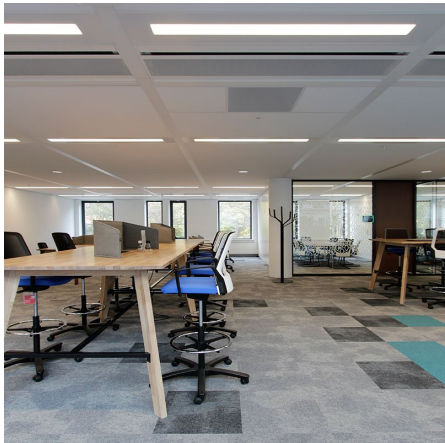


Fusion-B 100x1720 5s



f-waardering volgens UGR												
p Plafond	70	70	50	50	30	70	70	50	50	30	30	30
p Muren	50	30	50	30	30	50	30	50	30	30	50	30
p Vloer	20	20	20	20	20	20	20	20	20	20	20	20
Ruimteafmeting	Perspectief dwars						Perspectief langs					
X	E.v. lampen						E.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	
4H	12H	18.1	18.8	18.5	19.1	19.4	18.1	18.7	18.4	19.1	19.4	
	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	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	
	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	12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.9	
	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	19.8	
	8H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.9	
	Variatie op aanmerkingen 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-optel							0.6					
Geïntegreerde verblindingindicatie in relatie tot 3793lm Totale lichtstroom												





NOTES

ADDITIONAL INFORMATION

Colour temperature	Tunable white, 3000K, 4000K
Air extraction	Optional
CIE Flux Code	76 94 99 99 100
Appliance class	Class-II
Application	Education, Hospitality, Municipality, Office, Retail
Colour consistency (SDCM)	SDCM = 3
Colour Rendering Index (CRI)	CRI80, CRI90
Designed	Philip Feenstra, 2013
Driver position	Separate driving position
Luminaire efficacy	>125lm/W
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Gross weight	6.0KG
Height	50mm
IP-class	IP20 (top) / IP40 (bottom)
Length	On demand, 900mm-1720mm
Lighting control	Optional
Material	Di-bond, Acrylate, Polycarbonate
Mounting depth	50mm
Operational temperature	-20 ° C / + 40 ° C
Optic	Microprismatic lens, Opal diffuser
Orientation	Down
Power factor	>0.9
Primary connection	GST18i3, GST18i5 pastel blue, On the driver
Product colour	Black matt, White matt
Shape	Rectangular
Voltage / frequency	220-240V, 50 / 60Hz
Way of mounting	Recessed
Width	On demand, 295mm

Fusion

3S 16W 2100lm 3000K CRI80 G7 (optic 845mm), 3S 16W 2250lm 4000K CRI80 G7 (optic 845mm), 3S 19W 2400lm 3000K CRI80 G7 (optic 845mm), 3S 19W 2600lm 4000K CRI80 G7 (optic 845mm), 3S 22W 2750lm 3000K CRI80 G7 (optic 845mm), 3S 22W 2950lm 4000K CRI80 G7 (optic 845mm), 3S 24W 3050lm 3000K CRI80 G7 (optic 845mm), 3S 24W 3300lm 4000K CRI80 G7 (optic 845mm), 3S 29W 3550lm 3000K CRI80 G7 (optic 845mm), 3S 29W 3850lm 4000K CRI80 G7 (optic 845mm), 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 (optic 1125mm), 4S 24W 3100lm 3000K CRI80 G7 (optic 1125mm), 4S 24W 3350lm 4000K CRI80 G7 (optic 1125mm), 4S 28W 3600lm 3000K CRI80 G7 (optic 1125mm), 4S 28W 3900lm 4000K CRI80 G7 (optic 1125mm), 4S 33W 3550lm Tunable White CRI80 G7 (optic 1125mm), 5S 15W 2100lm 3000K CRI80 G7 (optic 1405mm), 5S 15W 2250lm 4000K CRI80 G7 (optic 1405mm), 5S 18W 2450lm 3000K CRI80 G7 (optic 1405mm), 5S 18W 2650lm 4000K CRI80 G7 (optic 1405mm), 5S 21W 2800lm 3000K CRI80 G7 (optic 1405mm), 5S 21W 3000lm 4000K CRI80 G7 (optic 1405mm), 5S 24W 3150lm 3000K CRI80 G7 (optic 1405mm), 5S 24W 3350lm 4000K CRI80 G7 (optic 1405mm), 5S 28W 3650lm 3000K CRI80 G7 (optic 1405mm), 5S 28W 3900lm 4000K CRI80 G7 (optic 1405mm), 5S 33W 3550lm Tunable White CRI80 G7 (optic 1405mm), Version to be determined

Number of modules

3S, 4S, 5S

Emergency lighting

Optional 1 hour of autonomy (self-test)

Packaging dimensions

Bulk packaging

Glare (UGR)

<19

Energy label

A++

Shortened on site

Yes

Photobiological safety

IEC 62471: RG1 (low risk)

