

FUSION WEC



Fusion WEC is a linear luminaire with a prismatic lens or opal diffuser for use in Interlu WEC® climate [ceilings](#).

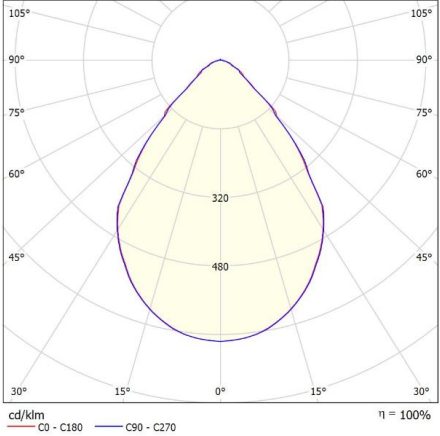
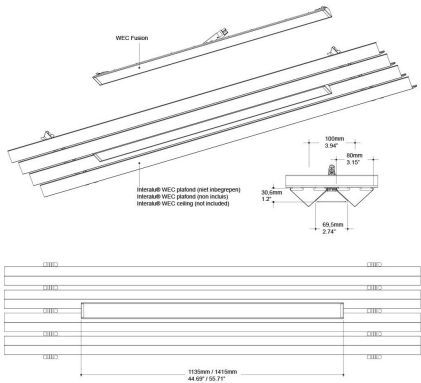
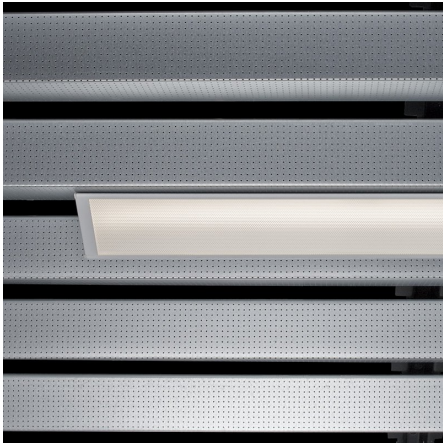
- Lightweight construction
- Two lengths available: 1135mm and 1415mm
- With microprismatic lens (UGR <19 office compliant) or opal diffuser

Downloads

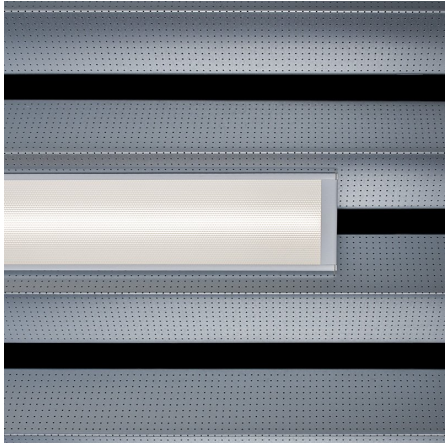
[Photometrics Fusion-WEC](#)

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PRODUCT IMAGES



Glare Evaluation According to UGR													
p Ceiling	70		70		50		50		30		30		
p Walls	50		30		50		30		50		30		
p Floor	20		20		20		20		20		20		
Room Size	Viewing direction at right angles to lamp axis						Viewing direction parallel to lamp axis						
X	Y												
2H	2H	17.3	18.2	17.6	18.4	18.7	17.2	18.2	17.5	18.4	18.6		
	3H	17.6	18.4	17.9	18.7	19.0	17.6	18.4	17.9	18.7	18.9		
	4H	17.8	18.6	18.1	18.9	19.1	17.8	18.6	18.1	18.8	19.1		
	6H	17.9	18.6	18.2	18.9	19.2	17.9	18.6	18.2	18.9	19.2		
	8H	17.9	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.2		
4H	12H	18.0	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.2		
	2H	17.3	18.1	17.6	18.4	18.7	17.3	18.1	17.6	18.3	18.6		
	3H	17.8	18.4	18.2	18.8	19.1	17.8	18.4	18.1	18.8	19.1		
	4H	18.1	18.6	18.5	19.0	19.4	18.1	18.6	18.5	19.0	19.4		
	6H	18.3	18.8	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5		
8H	12H	18.3	18.8	18.8	19.2	19.6	18.3	18.7	18.7	19.1	19.6		
	2H	18.4	18.8	18.8	19.2	19.6	18.3	18.7	18.8	19.2	19.6		
	3H	18.1	18.6	18.6	19.0	19.4	18.1	18.6	18.6	19.0	19.4		
	4H	18.4	18.7	18.8	19.2	19.6	18.4	18.7	18.8	19.1	19.6		
	6H	18.5	18.8	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.7		
12H	12H	18.6	18.8	19.1	19.3	19.8	18.5	18.8	18.9	19.2	19.8		
	2H	18.1	18.5	18.6	18.9	19.4	18.1	18.5	18.5	18.9	19.4		
	3H	18.4	18.7	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6		
	4H	18.5	18.7	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6		
	6H	18.5	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.7		
Variation of the observer position for the luminance distances 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					
Standard table		BK02						BK02					
Correction		0.4						0.4					
Summand		0.4						0.4					
Corrected Glare Indices referring to 3628lm Total Luminous Flux													



NOTES

ADDITIONAL INFORMATION

Appliance class	Class-II
Application	Education, Hospitality, Municipality, Office, Retail
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, 2020
Driver position	Separate driving position
Luminaire efficacy	>125lm/W
Emergency lighting	Optional
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
IP-class	IP20 (top) / IP20 (bottom)
Length	1135mm, 1415mm
Glare (UGR)	<19
Material	Steel, Acrylate
Mounting depth	40mm
Operational temperature	-20 ° C / + 40 ° C
Shape	Rectangular
Voltage / frequency	220-240V, 50 / 60Hz
Lighting control	Optional
Packaging dimensions	Bulk packaging
Width	70mm
Primary connection	GST18i3, GST18i5 pastel blue, On the driver
Way of mounting	Recessed
Orientation	Down
Gross weight	1.8KG (1135) 2.2KG (1415) 0.4KG (driver)
Power factor	>0.9
Number of modules	4S, 5S
Energy label	A++
Air extraction	N/A

Optic	Microprismatic lens, Opal diffuser
Product colour	RAL9011 matt, RAL9016 matt
Photobiological safety	IEC 62471: RG1 (low risk)
Fusion WEC	4S 13W 1750lm 3000K CRI80 G7, 4S 13W 1900lm 4000K CRI80 G7, 4S 15W 2100lm 3000K CRI80 G7, 4S 15W 2100lm 4000K CRI80 G7, 4S 18W 2450lm 3000K CRI80 G7, 4S 18W 2450lm 3000K CRI80 G7, 4S 18W 2600lm 4000K CRI80 G7, 4S 21W 3000lm 4000K CRI80 G7, 4S 23W 3100lm 3000K CRI80 G7, 4S 23W 3350lm 4000K CRI80 G7, 4S 28W 3600lm 3000K CRI80 G7, 4S 28W 3900lm 4000K CRI80 G7, 4S 39W 4500lm LED LTS-04020-15-LS CRI90 DALI DT8, 5S 18W 2450lm 3000K CRI80 G7, 5S 18W 2650lm 4000K CRI80 G7, 5S 20W 2800lm 3000K CRI80 G7, 5S 20W 3000lm 4000K CRI80 G7, 5S 23W 3100lm 3000K CRI80 G7, 5S 23W 3350lm 4000K CRI80 G7, 5S 26W 3450lm 3000K CRI80 G7, 5S 26W 3750lm 4000K CRI80 G7, 5S 27W 3600lm 3000K CRI80 G7, 5S 27W 3900lm 4000K CRI80 G7, 5S 31W 4150lm 3000K CRI80 G7, 5S 31W 4150lm 3000K CRI80 G7, Version to be determined
Specification	G71 / 06-02-2025

