

## FLEMING Comfort Workplace Luminaire

The FLEMING workplace luminaire manufactured in Austria was developed for the lighting of highly specialized manual work and assembly workplaces. It has a very homogeneous light distribution for optimal visual comfort with minimal stray light. A glare-free grid ensures high glare-freeness (UGR<19) and a very good light transmission. Numerous additional functions such as DALI, Tunable White, presence detection or integration into building automation are optionally available.



ITEM DESCRIPTION	ARTICLE CODE	EAN CODE	DIMMABLE
LED WSL 898 52W/90D/857 230V	29001389	9 009453 014085	No

GENERAL CHARACTERISTICS	
Luminaire Materials	Extruded aluminium profile, Acryl glass with glare-free grid
Finish	Silver
IP Rating	IP42
Rated Lifetime *	50 000 h
Switching Cycles	100 000
Start Time from 0% to 100%	< 0.5 s
Ambient Temperature	-20 °C - +40 °C
Mercury Content	0.0 mg
Connection Type	GST 18i3F with Wieland cable end as required (schuko, open end, T-distributor, extension) Option for daisychain cascade
Fixing	Mounting groove for standard profile systems
Risk Group (Photobiological Safety)	RG0
Guarantee	5 years manufacturer guarantee, 3 years full guarantee

LIGHT CHARACTERISTICS	
Rated Luminous Flux	5200 lm
Efficacy	100 lm/W
Color	Neutral White
Color Temperature	5700 K
Color Rendering Index	80
Lumen Maintenance Factor (at end of lifetime) *	L80 B10
Beam Angle	90°
Unified Glare Rating **	< 19 UGR

\* at an ambient temperature of 25 °C

\*\* X = 4H, Y = 8H, reflectance 70/50/20

## ELECTRICAL CHARACTERISTICS

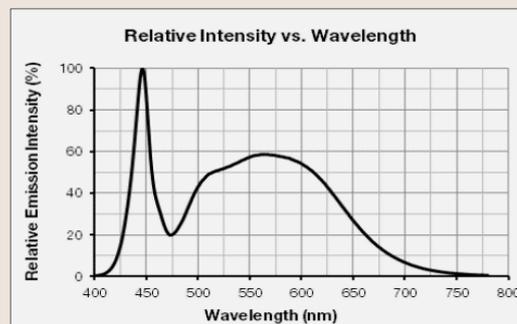
Rated Wattage	52.0 W
Operating Frequency	50/60 Hz
Supply Voltage	220-240 V AC
Power Factor	≥ 0.95
Input Current (measured value)	400 mA
Input Current (calculated value)	260 mA
Inrush Current (typ. I <sub>peak</sub> /μs)	55 A / 270 μs
THD	< 20 %
Flicker Percent (< 165 Hz)	< 3 %

## DIMENSIONS

Length	898 mm
Width	135 mm
Height	45 mm
Weight	4.2 kg

## GRAPHICS

Typ. I <sub>peak</sub> /μs	Max. units per circuit breaker			
	Type	10 A	13 A	16 A
55 A / 270 μs	B	5	6	8
	C	9	11	14



**LEDON**  
pioneering light

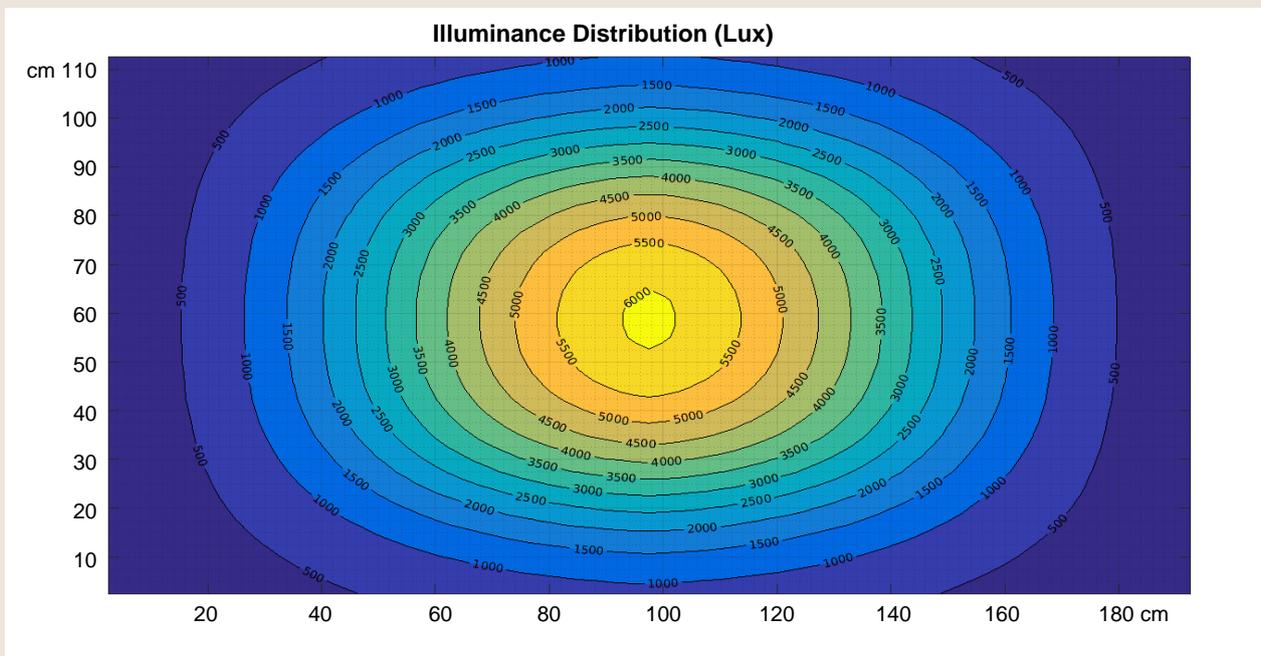
This luminaire contains built-in LED lamps.

**LED**

A++  
A+  
A  
C  
D  
E

The lamps cannot be changed in the luminaire.

874/2012



Find here the instruction manual: <https://www.ledon.at/en/led-lamps/fleming-comfort-workplace-luminaire>

Data subject to change  
Last updated on: 18.09.2019