

IFP Series

IFP - LED Flat Panel Series

Rev. Date: November 13 2023

Product Description

IFP12 | IFP22 | IFP14 | IFP24

The new IFP flat panel product family provides customers with an led flat panel solutions for use in recessed and suspended commercial applications — all backed by the power of cree lighting. The IFP series is available in four configurations and delivers up to 7500 lumens of high efficacy 110 lumens per watt light with superior color quality. The enhanced optics enable the flat panel to meet low glare requirements, delivering an improved customer experience by reducing lighting fatigue (UGR<19).

Applications: public spaces (classrooms, offices) commercial or residential spaces.

Performance Summary

IP Rating: IP40 (exposed part)

UGR < 19

Initial Colour consistency: 3 MacAdam steps

Limited Warranty: 5 years



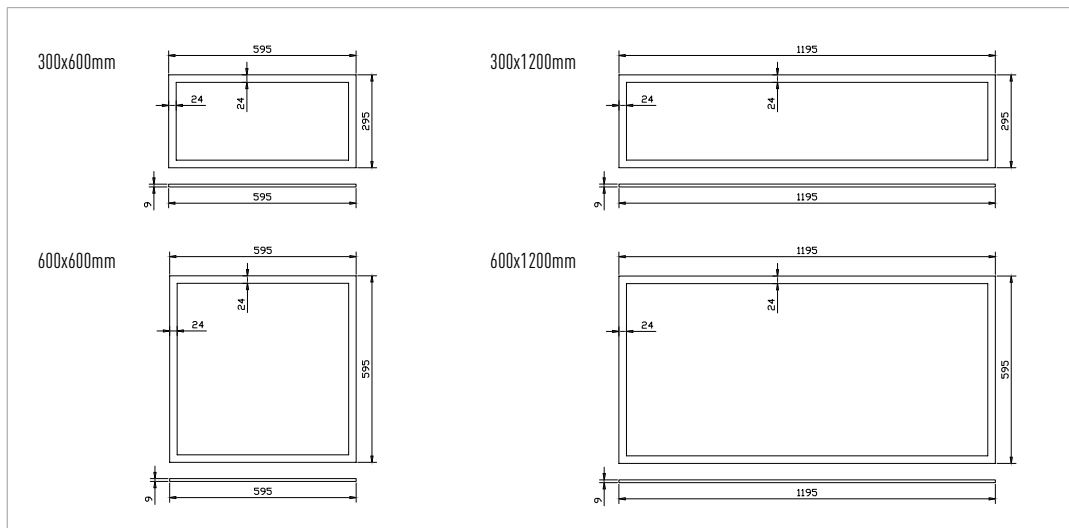
Ordering Information

Example: IFP-A-NM-1L-12-30K-80-24-FX

IFP	- A	- NM	- 1L	- 12	- 30K	- 80	- 24	- FX
Product	Version	Mounting Options	Lumen Package	Dimensions	CCT	CRI	Voltage	Control Options
IFP	A	NM	1L 15W	12 300x600mm	30K 3000K	80 80CRI 90 90 CRI (On Request for MOQ)	24 220-240V	FX ON-OFF DL DALI
			4L 36W	22 600x600mm	40K 4000K			
			4L 36W	14 300x1200mm	50K 5000K (On Request for MOQ)			
			8L 72W	24 600x1200mm				

Dimensions

ACCESSORIES	
Recessed Installation	IFP-RC
Suspend Installation	IFP-SP
Surface Mount Installation	IFP-SF-12 (only for 1L-12)
Surface Mount Installation	IFP-SF-22 (only for 4L-22)
Surface Mount Installation	IFP-SF-14 (only for 4L-14)
Surface Mount Installation	IFP-SF-24 (only for 8L-24)



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FEATURES

- Lumen output: 1650 – 7500lm
- System efficacy: Up to 111 lm/W
- CRI Minimum 80, (90 CRI on request)
- CCT: 3000K, 4000K / 5000K (on request)
- UGR < 19
- Initial Colour Consistency: 3 steps MacAdam
- Input Voltage: 220-240V
- Power factor: > 0.9 at full load
- Operative temperature: -10°C up to +40°C
- Insulation class: Class II
- Enclosure rated IP40
- Lifetime: L80B20 Up to >50.000 hrs Ta=25°C (>50.000 hrs L80 IESNA TM-21)
- Average luminance <3000 cd/m² @>65°
- Control options: Fixed, Dali

CONSTRUCTION AND MATERIALS

- Ultra-thin 90mm fixture height and lightweight design effectively target a broad range of plenum spaces and allow for easy installations.
- Includes lens gasket to prevent ingress of insects
- Recessed flat panel design delivers more surface area light creating a soft highly diffused light source
- Finishes: White

WARRANTY AND CERTIFICATIONS

- Limited Warranty: 5 years
- CE mark // ENEC mark / RoHs compliant
- TPa & TPb (on request)
- Risk group0 according to IEC 62471:2008
- Compliant to: EN 60598-1; EN 60598-2-2

ELECTRICAL DATA*

Dimensions	System Watts 220-240V	Total Current	Power Factor
		@230V, 50Hz	
300x600 mm	15W	0.065A	> 0.96
600x600mm	36W	0.157A	> 0.96
300x1200mm	36W	0.157A	> 0.96
600x1200mm	72W	0.34A	> 0.96

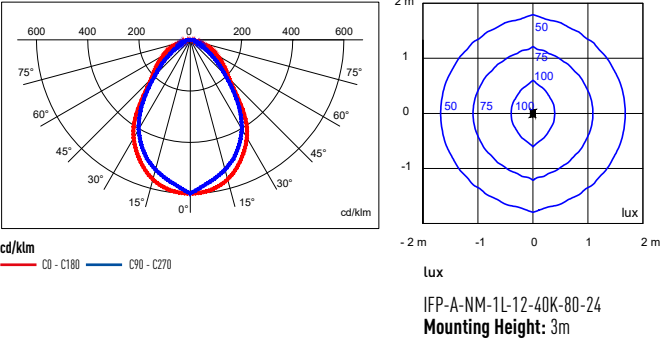
* Electrical data at 25°C (77°F)

WEIGHT

DIMENSIONS	WEIGHT
300x600	1.4kg
600x600	2.2 kg
300x1200	2.3kg
600x1200	4.2kg

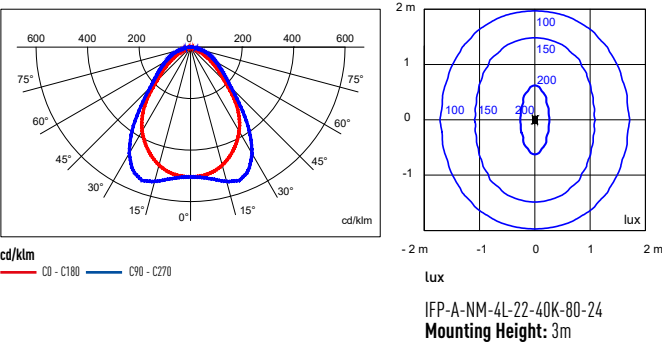
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project consult: www.creelighting-europe.com



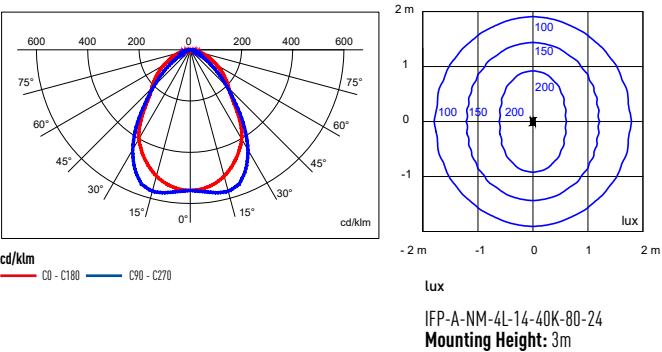
LUMEN OUTPUT		
Input Power Designator	3000K**	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
15W	1648	1648

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens



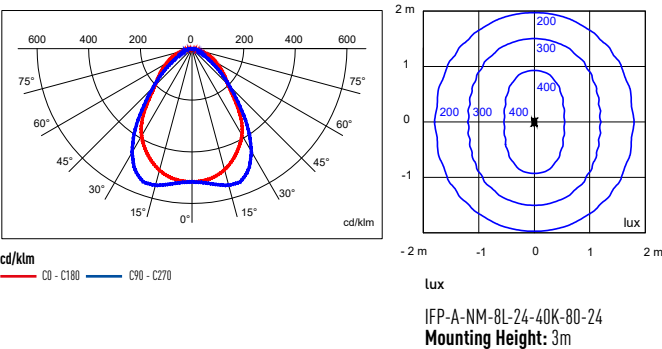
LUMEN OUTPUT		
Input Power Designator	3000K*	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
33W	3640	3640

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens



LUMEN OUTPUT		
Input Power Designator	3000K*	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
35W	3640	3640

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens



LUMEN OUTPUT		
Input Power Designator	3000K*	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
70W	7510	7510

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens