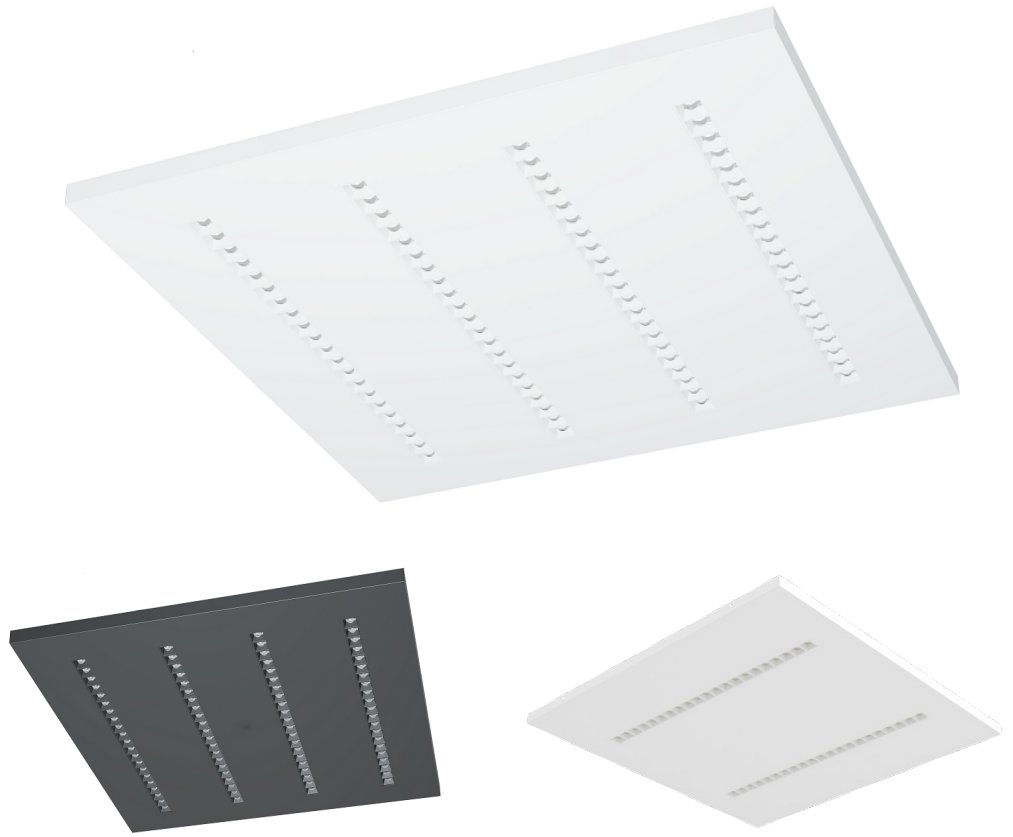




www.ledlucky.net



NOVA

LED Panel Light

Up to 140lm/W | 36W



<16



Modular



RoHS

ERP

CB

5
Years
Warranty

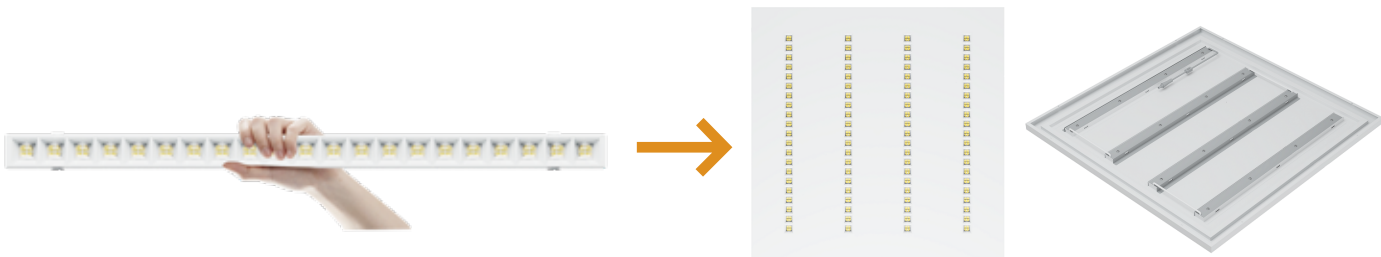
Version:4.0
2025-09

APPLICATIONS

- ✔ Classroom
- ✔ Office
- ✔ Shopping mall
- ✔ Meeting room

FEATURES

- ✔ Unique light source module design that can match different structural components to create various panel light bodies.
- ✔ The light body material is thick and strong, meeting IK05 standards.
- ✔ Ultra-low glare, with a minimum whole-lamp UGR of 16.
- ✔ Panel light bodies can be installed flat or suspended.
- ✔ LED modules are replaceable, allowing for different color temperatures, facilitating better inventory management and maintenance, and promoting environmental friendliness.
- ✔ Three types of luminaires, with optional dimming versions.
- ✔ Reduced plastic packaging design, in line with current environmental requirements in the European market.
- ✔ Complies with CE CB certification.



PRODUCT DATA

General Information

LED Type	Lumileds
Light Efficacy	140 lm/W,
CCT	3000K/3500K/4000K/5000K/6000K
Ra	≥80
LED Lifespan	164,000h@L70B50 103,000h@L80B50 50,000h@L90B50
Power Supply	N/A
Type of Driver	Isolated
Driver efficiency	-
Protection class IEC	class III (Panel Light)
Warranty	5 Years Warranty
Certificate	CE, RoHS, CB, ERP

Operating and Electrical

Input voltage	220-240Vac
Input Frequency	50/60Hz
Inrush current	-
Power Factor	≥0.9
THD	-

Mechanical and Housing

Panel backplate integrated	SPCC
Lens	PC
Reflector cup	PC
Surface craftsmanship	Powder coated in white RAL9016/ RAL9004
Mounting Option	Recessed/Suspended /Surface mounted

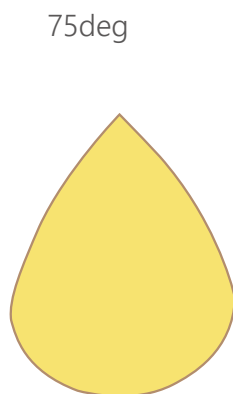
Application Conditions

Operating Temperature -10℃ to +40℃

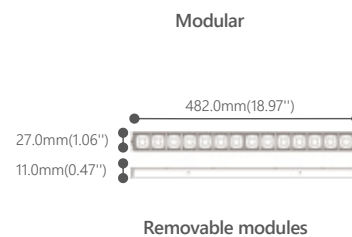
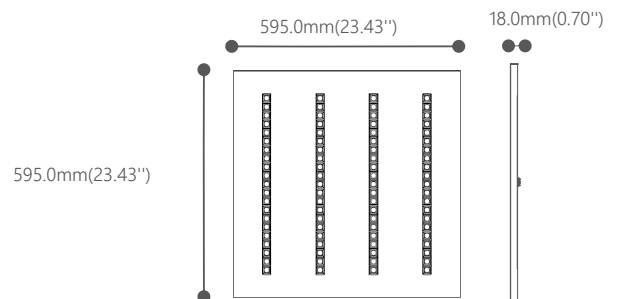
Approval and Application

Ingress protection code	IP20
Mech. impact protection code	IK05
Surge protection	-

Light Distribution Curve



Drawing



PRODUCT PARAMETER

Item	Model Number	Intelligent Control	Power	Ra	Voltage	UGR	Beam Angle	Light Efficiency	@4000K	LED
NOVA panel	FK-PN6060-XX36E-ME1	No dimming	36W	≥80	220-240VAC	<16	75deg	140 lm/W	5040 lm	Lumileds
	FK-PN1230-XX36E-ME1	No dimming	36W	≥80	220-240VAC	<16	75deg	140 lm/W	5040 lm	

PACKAGE

Model Number	Luminaire Net Weight	Packing Info	Dimension (inner box) (mm)	Dimension (outer carton) (mm)	GW (Outer carton)
600*600 panel light	2.5 kg	5 PCS/CTN	L600*W28*H605	L620*W170*H625	14.0 kg
1200*300 panel light	2.7 kg	5 PCS/CTN	L300*W28*H1205	L1225*W170*H320	14.5 kg

ERP REQUIREMENT

Instant Full Light Dimmable	SDCM <5	Starting Time <0.5s	Switching Cycles 25,000times	Life Time 50,000h	L70B50: 164,000h L80B50: 103,000h L90B50: 50,000h	Lumen Maintenance 97%
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Horizontal Light Distribution Test



Intelligent Life Tester



Strobe Test



Integrating Sphere Spectrometer



3600h Life Time Test

MOUNTING OPTION



Suspended



Recessed



Surface mounted

ACCESSORIES



Protection wire (Optional)



Mounted frame (Optional)



LEDLUCKY

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