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LEDKIA LIGHTING 65132_173441

LEDKIA Pantalla Estanca LED 120cm 36W IP65 Enlazable 4000K Blanco Neutro Instruction Manual

Model: 65132_173441 | Brand: LEDKIA LIGHTING

Introduction

The LEDKIA 120cm 36W IP65 Linkable LED Waterproof Screen is a lighting fixture designed for industrial, commercial, and service environments that require continuous, robust, and resistant illumination. Its compact and sealed structure provides a high level of protection against external agents, ensuring reliable performance even in humid or dusty conditions. Constructed from high-quality polycarbonate (PC), this LED screen offers excellent mechanical and chemical resistance, withstanding aggressive environments, humidity, and prolonged exposure in covered outdoor installations. The opal diffuser ensures homogeneous, glare-free light emission, and its 120 cm rectangular design provides optimal distribution in corridors, warehouses, and large areas. This model features a linkable design for series connection.

Setup Instructions

1. Package Contents

- LEDKIA 120cm 36W IP65 LED Waterproof Screen
- Power Cable
- Mounting Brackets (2 units)
- Screws and Wall Plugs



Image: Included mounting brackets, screws, and wall plugs, essential for securely installing the LEDKIA waterproof screen.

2. Installation Steps

1. **Safety First:** Ensure the power supply is disconnected before beginning installation. Consult a qualified electrician if you are unsure about any wiring procedures.
2. **Choose Location:** Select a suitable mounting location, considering the light distribution and environmental conditions. The fixture is rated IP65 for dust and water resistance, making it suitable for covered outdoor areas, warehouses, and industrial settings.
3. **Mark Drilling Points:** Use the mounting brackets to mark the drilling points on the ceiling or wall. The adjustable fixing system has an anchor distance of 805 mm.
4. **Install Brackets:** Drill holes at the marked points, insert the wall plugs, and secure the mounting brackets using the provided screws.
5. **Connect Wiring:** Open the sealed end cap of the fixture. Connect the power cable to the internal terminals, ensuring correct polarity (Live, Neutral, Earth). Secure the cable gland to maintain the IP65 rating.
6. **Mount Fixture:** Carefully attach the LED waterproof screen to the installed mounting brackets. Ensure it is securely fastened.
7. **Test Operation:** Restore power and test the light fixture.
8. **Linkable Feature:** If linking multiple units in series, ensure proper electrical connections between fixtures according to local electrical codes.

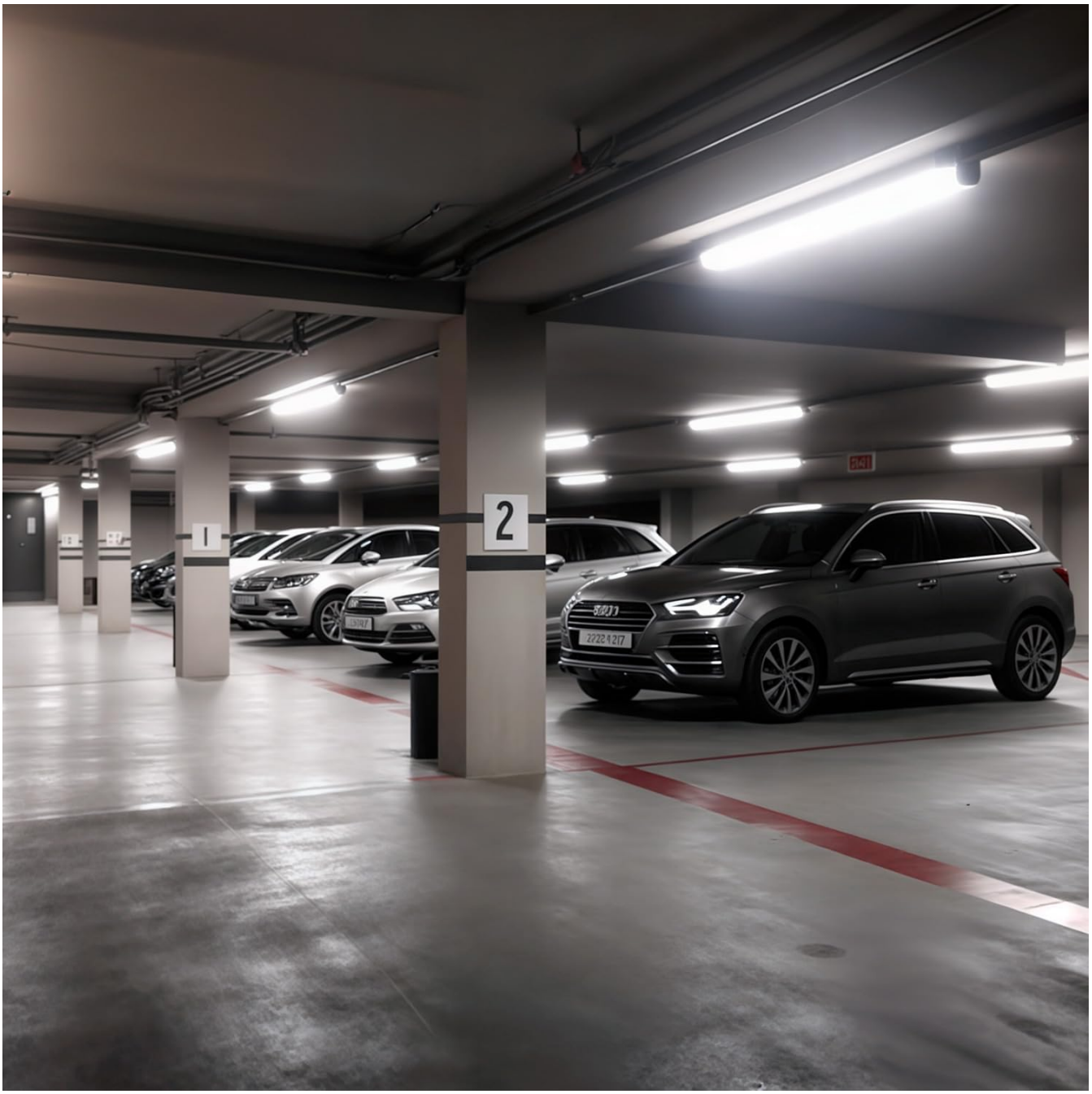


Image: The complete LEDKIA 120cm 36W IP65 LED Waterproof Screen, illustrating its robust design for various environments.



Image: A detailed view of the LEDKIA waterproof screen's end cap, showing the sealed cable gland for secure and water-resistant electrical connection.

Operating Instructions

Once installed and connected to the power supply, the LEDKIA Waterproof Screen operates by simply switching on the connected electrical circuit. The integrated electronic driver ensures stable and flicker-free illumination. This fixture is compatible with standard electrical switches, including touch-sensitive types, for convenient control.

Maintenance

The LEDKIA Waterproof Screen requires minimal maintenance due to its durable construction and long-life LED technology.

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior surface. Avoid abrasive cleaners or solvents that could damage the polycarbonate material.
- **Inspection:** Periodically inspect the fixture for any signs of damage to the housing, cable, or seals. Ensure all mounting hardware remains secure.
- **LED Lifespan:** The LEDs have an estimated lifespan of 40,000 hours, reducing the need for frequent bulb replacement.

Troubleshooting

If you encounter issues with your LEDKIA Waterproof Screen, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch	Check circuit breaker and power source. Verify all wiring connections are secure (ensure power is off first). Test the switch or replace if necessary.
Light flickers	Unstable power supply Loose connection	Ensure stable voltage (100-265V AC). Check wiring connections.
Reduced brightness	Dust accumulation on diffuser Aging LEDs	Clean the diffuser with a soft, damp cloth. LEDs have a long lifespan, but gradual degradation over many years is normal.

Technical Specifications

Feature	Specification
Model Number	65132_173441
Dimensions (L x W x H)	120 cm x 7.5 cm x 7.5 cm
Weight	1.12 kg
Power Consumption	36W
Input Voltage	220-240V AC
Luminous Flux	3960 Lumen (Max) / 3240 Lumen (Effective)
Color Temperature	4000K (Neutral White)
Material	Polycarbonate (PC)
IP Rating	IP65 (Dust tight and protected against water jets)
Lifespan	40,000 hours
Special Features	Linkable (Enlazable)
Control Method	Compatible with Touch Switches
Mounting Type	Surface (Ceiling) Mount
Recommended Use	Warehouses, Industrial, Commercial, Covered Outdoor
Energy Efficiency Class	E

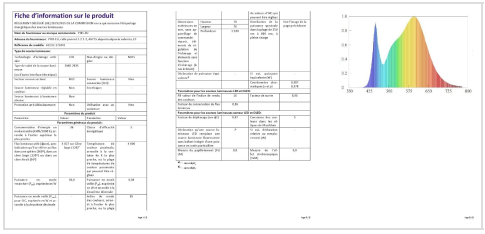
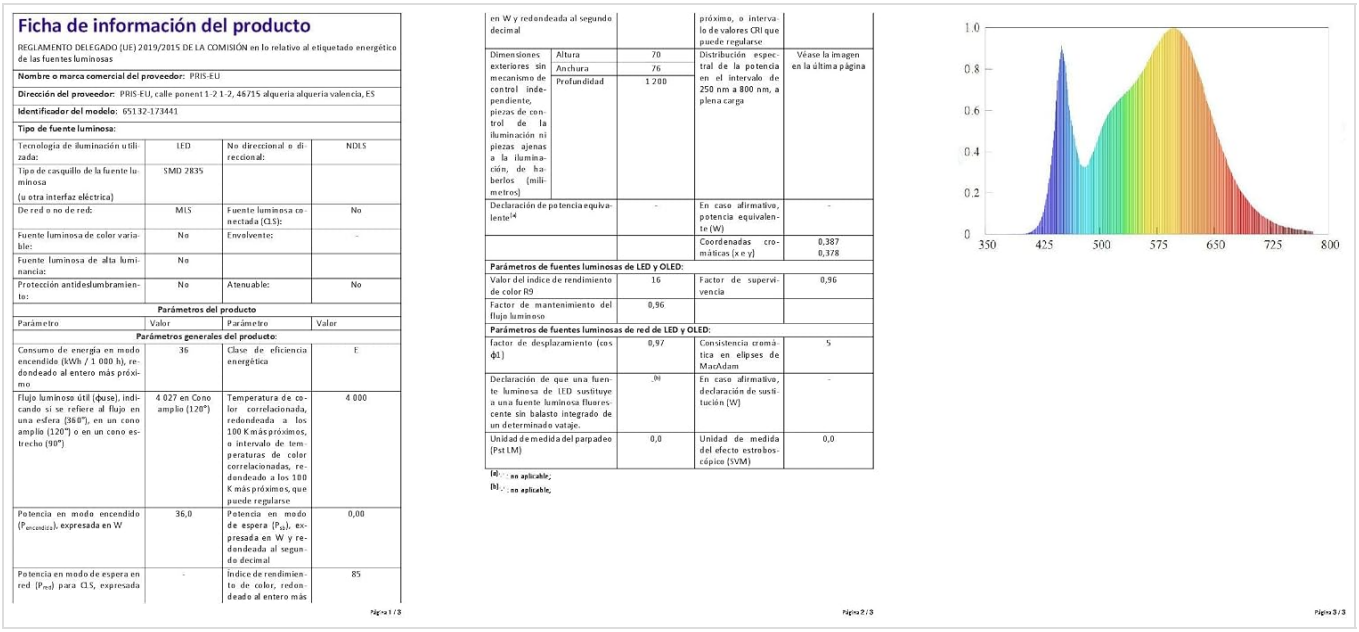


Image: The energy efficiency label for the LEDKIA LED Waterproof Screen, indicating its energy class E and power consumption of 36 kWh/1000h. A QR code is provided for direct access to the EPREL database.



Ficha de información del producto

REGLAMENTO DELEGADO (UE) 2019/2015 DE LA COMISIÓN en lo relativo al etiquetado energético de las fuentes luminosas

Nombre o marca comercial del proveedor: PRIS-EU			
Dirección del proveedor: PRIS-EU, calle ponent 1-2 1-2, 46715 alqueria alqueria valencia, ES			
Identificador del modelo: 65132-173441			
Tipo de fuente luminosa:			
Tecnología de iluminación utilizada:	LED	No direccional o direccional:	NDLS
Tipo de casquillo de la fuente luminosa (u otra interfaz eléctrica)	SMD 2835		
De red o no de red:	MLS	Fuente luminosa conectada (CLS):	No
Fuente luminosa de color variable:	No	Envolvente:	-
Fuente luminosa de alta luminancia:	No		
Protección antideslumbramiento:	No	Atenuable:	No
Parámetros del producto			
Parámetro	Valor	Parámetro	Valor
Parámetros generales del producto:			
Consumo de energía en modo encendida (kWh / 1 000 h), redondeado al entero más próximo	36	Clase de eficiencia energética	E
Flujo luminoso útil (Φuse), indicando si se refiere al flujo en una esfera (360°), en un cono amplio (120°) o en un cono estrecho (90°)	4 027 en Cono amplio (120°)	Temperatura de color correlacionada, redondeada a los 100 K más próximos, o intervalo de temperaturas de color correlacionadas, redondeado a los 100 K más próximos, que puede regularse	4 000
Potencia en modo encendido ($P_{encendida}$), expresada en W	36,0	Potencia en modo de espera (P_{SB}), expresada en W y redondeada al segundo decimal	0,00
Potencia en modo de espera en red (P_{red}) para CLS, expresada	-	Índice de rendimiento de color, redondeado al entero más	85

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en W y redondeada al segundo decimal		próximo, o intervalo de valores CRI que puede regularse	
Dimensiones exteriores sin mecanismo de control independiente, piezas de control de la iluminación ni piezas ajenas a la iluminación, de hasbeños [milímetros]	Altura	70	Distribución espectral de la potencia en el intervalo de 250 nm a 800 nm, a plena carga
	Anchura	76	Véase la imagen en la última página
	Profundidad	1 200	
Declaración de potencia equivalente[4]	-	En caso afirmativo, potencia equivalente (W)	-
		Coordenadas cromáticas (x e y)	0,387 0,378
Parámetros de fuentes luminosas de LED y OLED:			
Valor del índice de rendimiento de color R9	16	Factor de supervivencia	0,96
Factor de mantenimiento del flujo luminoso	0,96		
Parámetros de fuentes luminosas de red de LED y OLED:			
factor de desplazamiento (cos φ1)	0,97	Consistencia cromática en elipses de MacAdam	5
Declaración de que una fuente luminosa de LED sustituye a una fuente luminosa fluorescente sin balasto integrado de un determinado vataje.	.0i	En caso afirmativo, declaración de sustitución (W)	-
Unidad de medida del parpadeo (Pst LM)	0,0	Unidad de medida del efecto estroboscópico (SVM)	0,0

[a] -: no aplicable;
[b] -: no aplicable;

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Image: A technical product data sheet for the LEDKIA LED Waterproof Screen, detailing various parameters and performance metrics in Spanish.

Warranty Information

This LEDKIA product is covered by the manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for any warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your purchase or contact LEDKIA customer support.

Customer Support

For further assistance, technical support, or inquiries regarding your LEDKIA Pantalla Estanca LED, please contact LEDKIA LIGHTING customer service. You can typically find contact information on the product packaging, the official LEDKIA website, or through your retailer.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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