

IZAR^{DX}



DAISALUX^{DX} Emergency
lighting



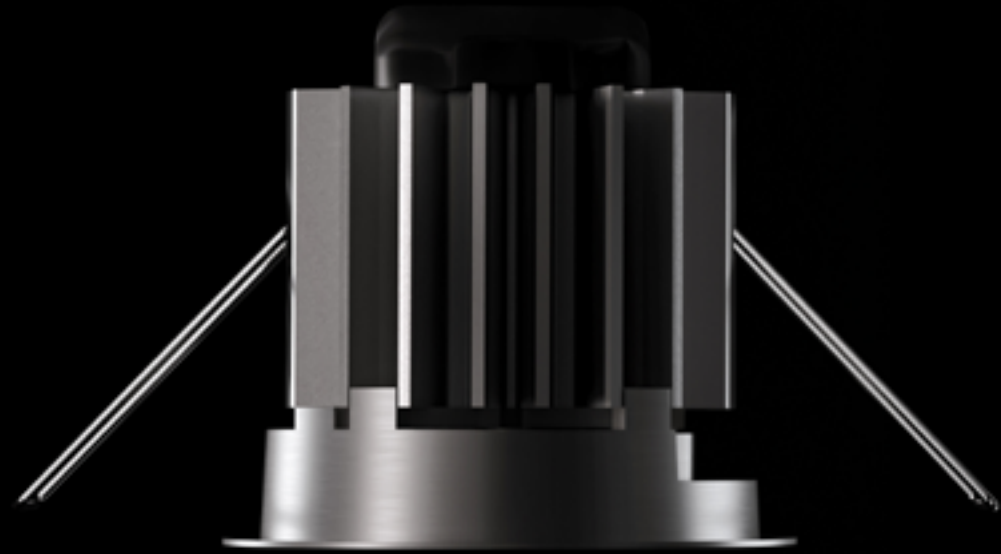
Emergency lighting

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IZAR

Small in size.
Huge in features.



46 mm
Ø

Less volume, more light.

IZAR is forging ahead in performance and the possibilities of fitting this range in suspended ceilings is growing.

New finish

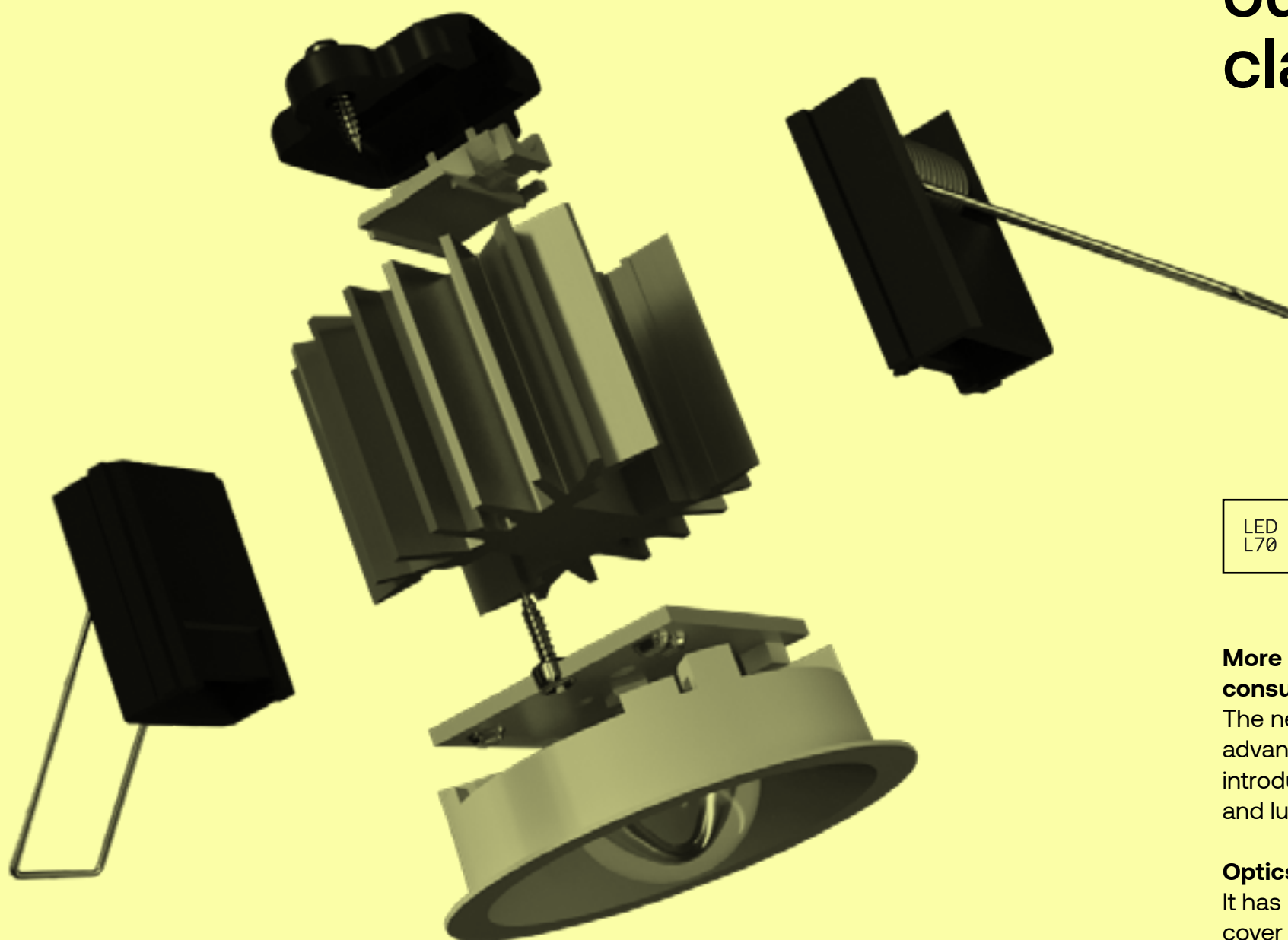
Smoother, more refined texture. Multiple colour combinations that blend into any space.

Imperceptible

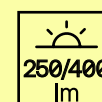
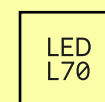
Thanks to their compact footprint, safety is guaranteed without interrupting the visual narrative.

Compact footprint

46 mm in diameter



New light output in the classic IZAR



More light without increasing consumption

The new, more efficient and electronically advanced LED technology that has been introduced has enhanced its performance and luminous flux.

Optics designed in-house

It has new precision-designed lenses to cover a greater distance and ensure even lighting.

Always-on eco mode

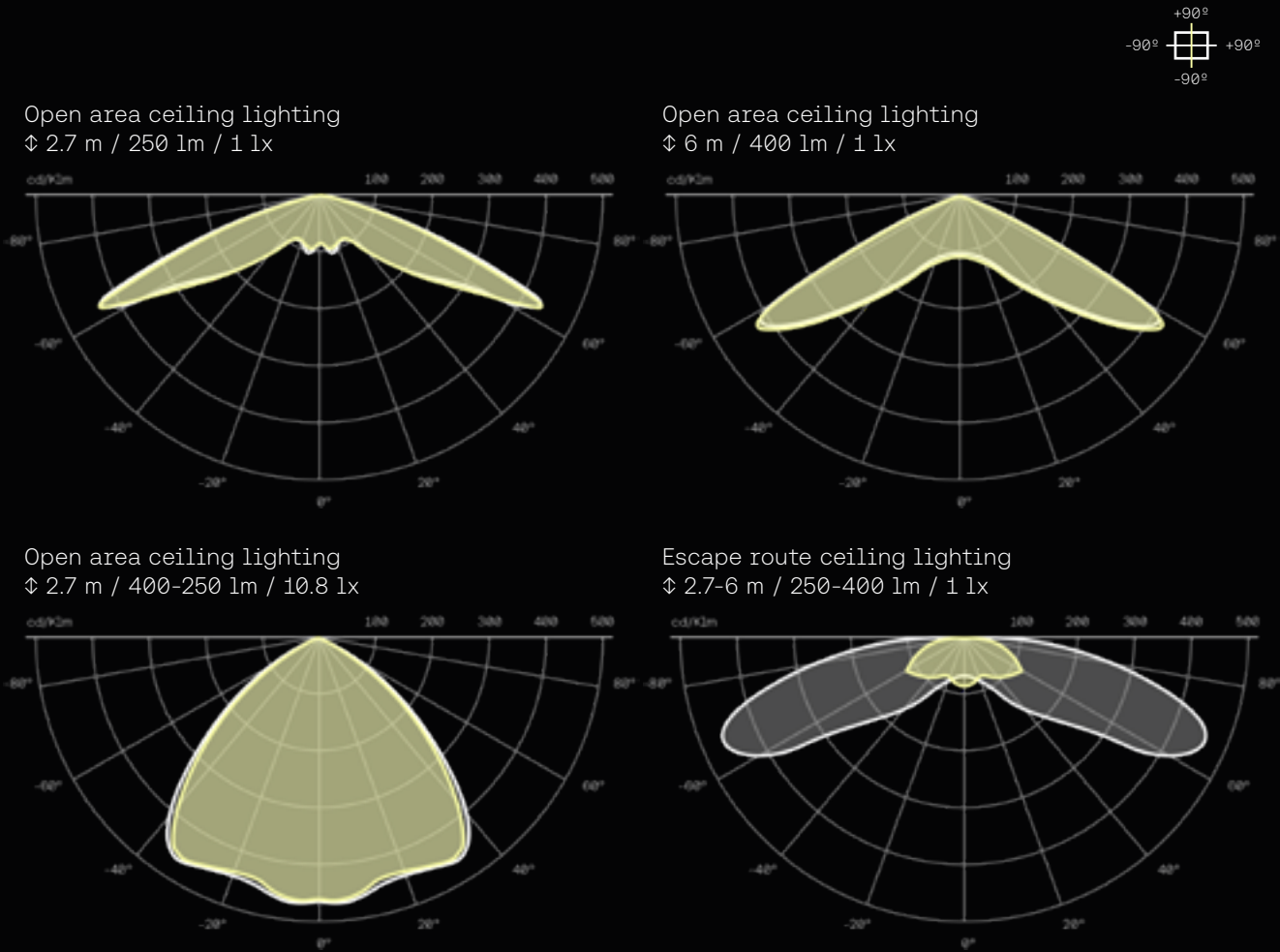
It automatically switches on and off depending on the ambient lighting, and optimises power to reduce consumption.

Heat dissipation technology

The heat dissipation system features excellent heat conduction and thermal convection that allow the LED to operate at the right temperature without overheating.

Estimated LED service life: 70,000 h (L90/B10)

The LEDs' high efficiency and their reduced power consumption makes it possible to lengthen the IZAR's service life and to meet the regulatory requirement of a building's lifetime.



OPTIMISED PHOTOMETRIC CURVES

The proprietary 46 mm lenses with a purpose-designed refractive zone deliver an optimised photometric curve.

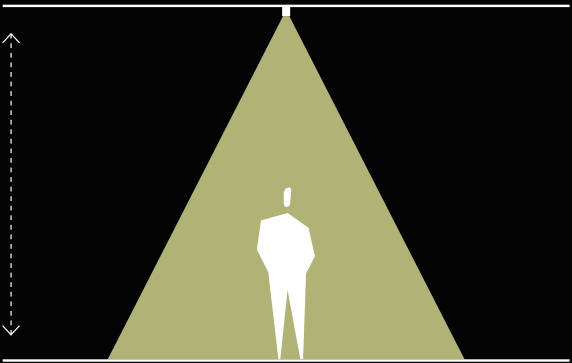
1 LX AND 10.8 LX LENSES

1 lx: lenses optimised for luminous fluxes of 250 and 400 lm, and 1 lx lighting requirements.

10.8 lx: lenses optimised for luminous fluxes of 250 and 400 lm, and 10.8 lx lighting requirements.



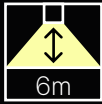
⇅ 2.7 m / 250 lm / 1 lx
⇅ 2.7 m / 400-250 lm / 10.8 lx



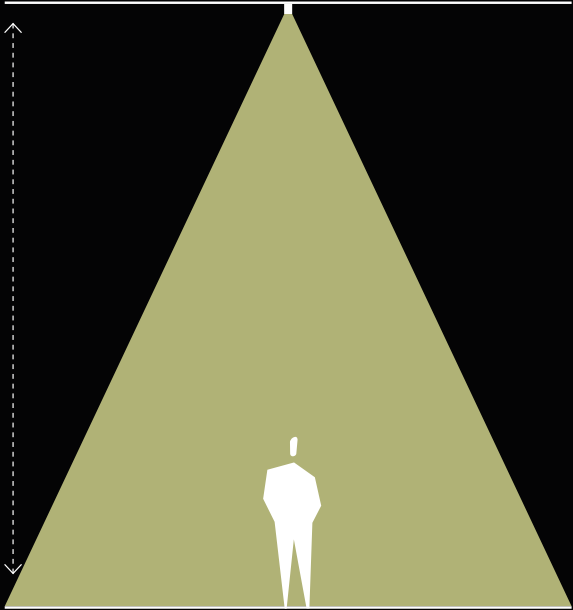
ENHANCED SPACING AND UNIFORMITY

The new IZAR lenses allow the spacing between luminaires to be increased to facilitate uniform lighting.

The DAISA lighting calculation program makes it possible to design and check the suitability of the distribution of emergency luminaires, thus ensuring compliance with the regulations in force.



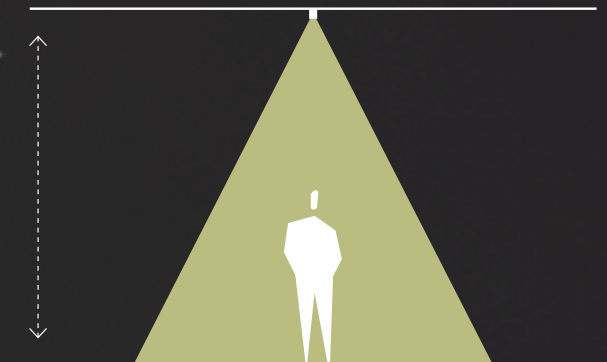
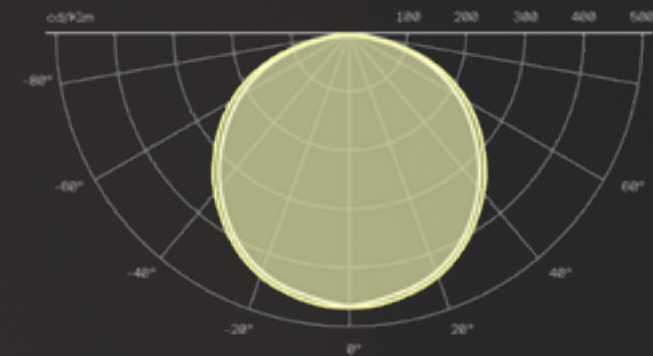
⇅ 6 m / 400 lm / 1 lx
⇅ 2.7-6 m / 250-400 lm / 1 lx





Open area ceiling lighting with diffuser

± 2.9 m / 250 lm / 1 lx



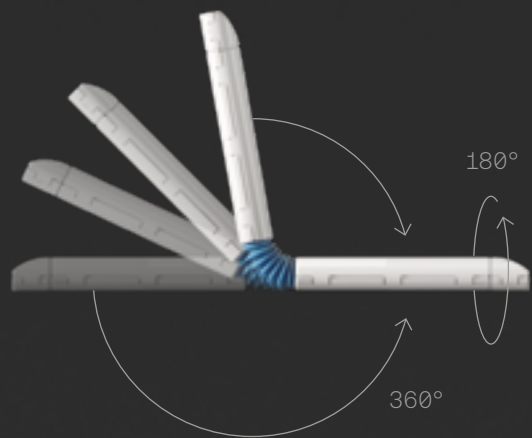
OPTICAL ASSEMBLY WITH OPALINE DIFFUSER

The opaline diffuser is an optical component available for IZAR lighting and can be used with anti-panic lenses. This feature hides the optical assembly so that the lighting blends in seamlessly into white ceilings.

Easy to install and to maintain



The IZAR power supply module has been designed to keep installation times to a minimum.



MAXIMUM ERGONOMICS

The ergonomics of the module eliminates the constraints of drop ceilings: sharp objects, cables, and other elements. Its smooth surface, coupled with its edge-free design, allows it to glide easily.

FOR ANY TYPE OF SUSPENDED CEILING

The luminaire and the battery module are fitted through the cut-out in any false ceiling, even if not a suspended one. Only a 10 cm recess and a 40 mm opening are required.

EASY BATTERY ACCESS

It is designed to provide easy access to the batteries so that they can be replaced in no time.



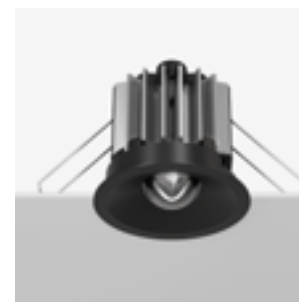
46 mm

APPLICATIONS

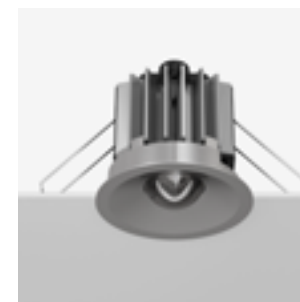
IZAR

Solutions

IZAR



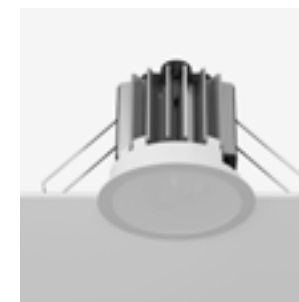
Black



Silver grey



White



With opaline diffuser

IZAR KML IZAR with cylindrical fixture to be hung from a slatted ceiling



Black



Silver grey



White



With opaline diffuser

IZAR LS IZAR with rectangular fixture to be hung from a slatted ceiling



Black



Silver grey



White



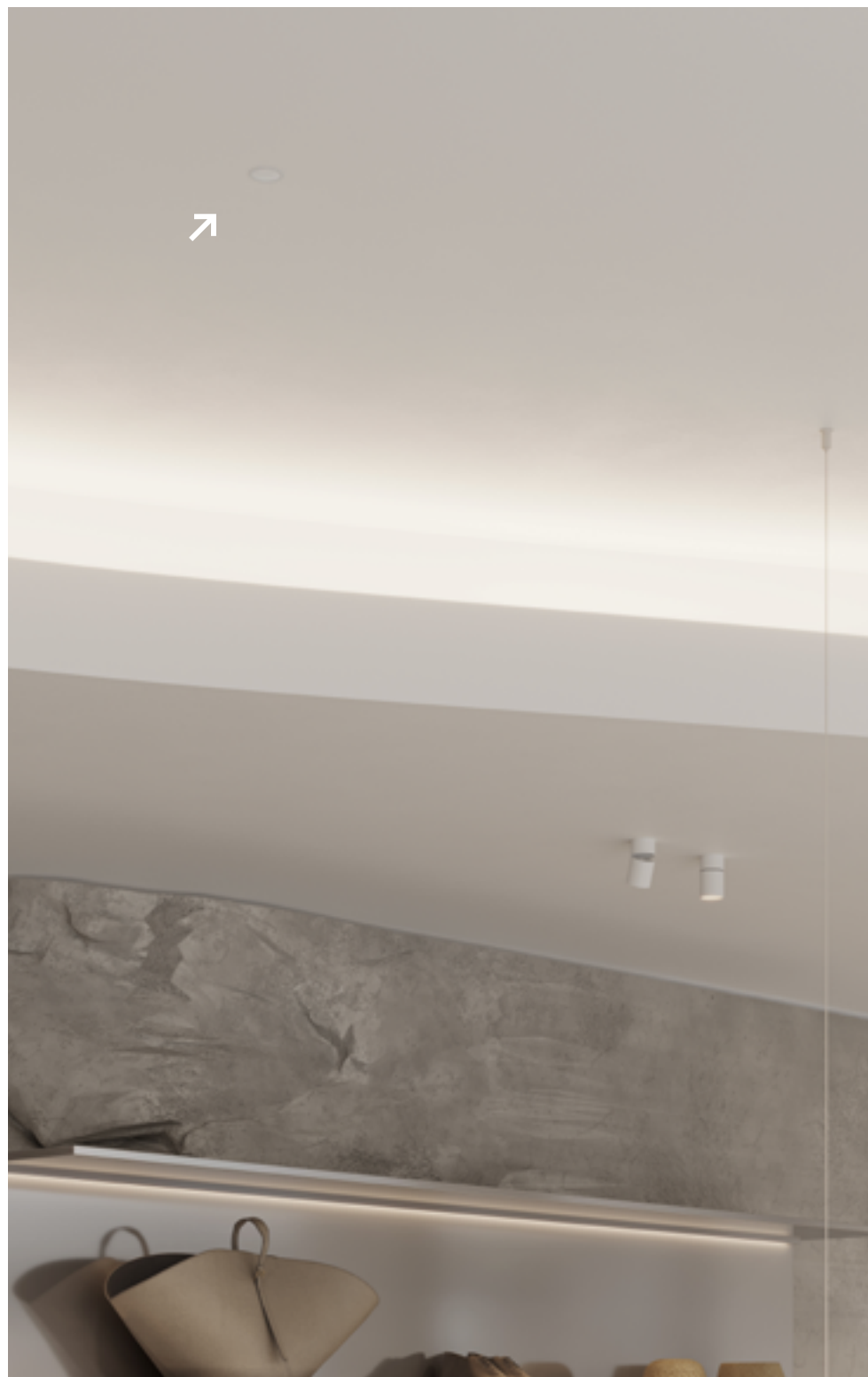
Three colours. All environments.

The three IZAR colour finishes – black, silver grey and white – are designed to seamlessly blend into any environment.



Blends seamlessly
into any space





IZAR with optical assembly and diffuser



APPLICATIONS

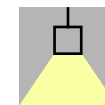
IZAR





IZAR with escape route lens.

IZAR for slatted ceilings.



Seamless integration

IZAR is available in end-to-end solutions with a cylindrical or rectangular fixture to blend into any space.

Visual cohesion

Designed to be fitted in slatted modules, without disrupting visual flow.

New optics designed in-house

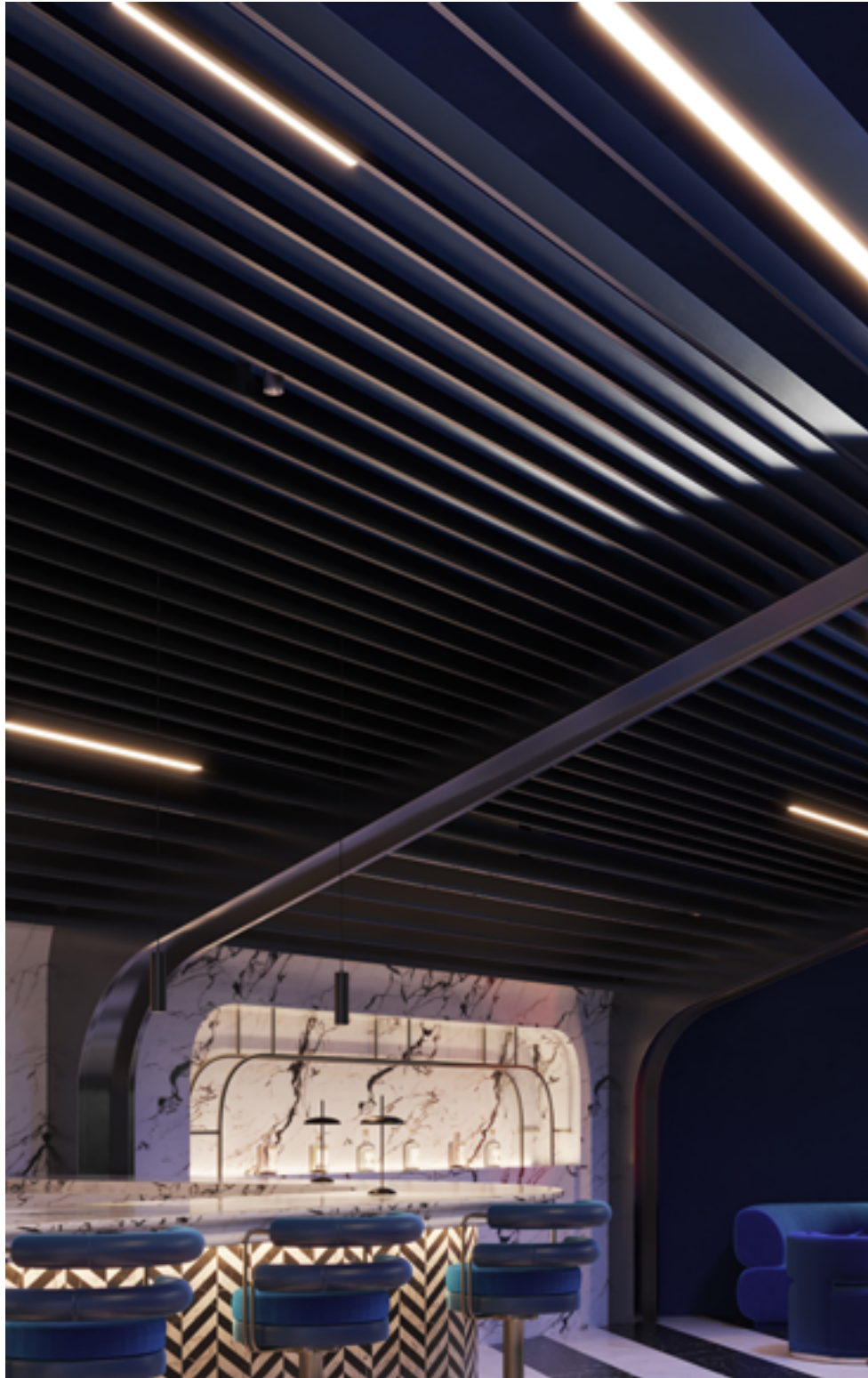
Advanced lenses for enhanced luminous flux.

APPLICATIONS

IZAR

IZAR LS, rectangular assembly to be hung from a slatted ceiling.





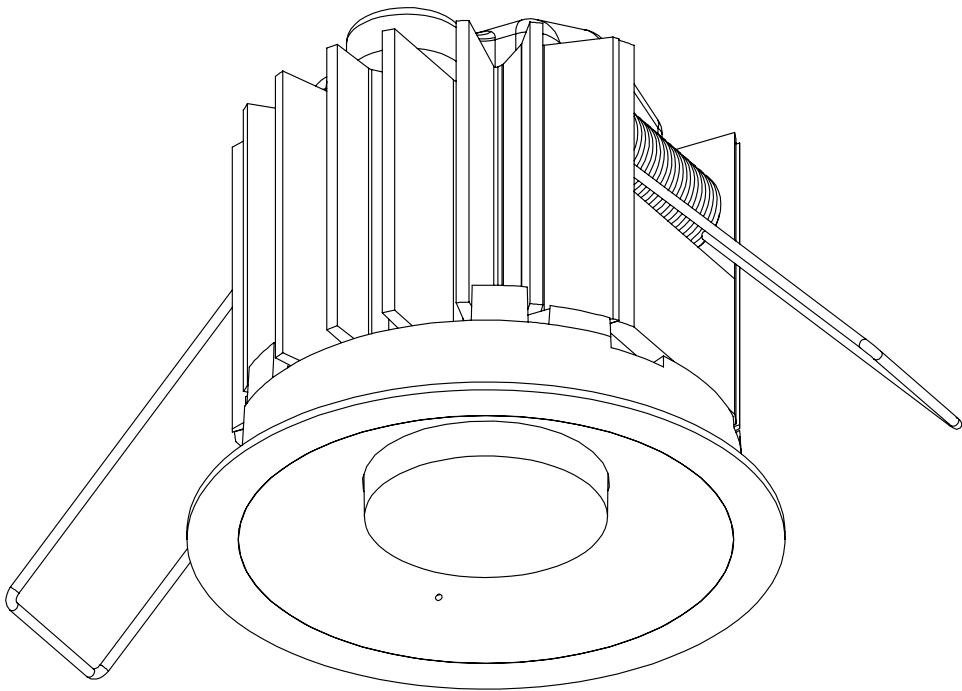
IZAR with KML fixture for slatted ceilings.





IZAR^{DX}

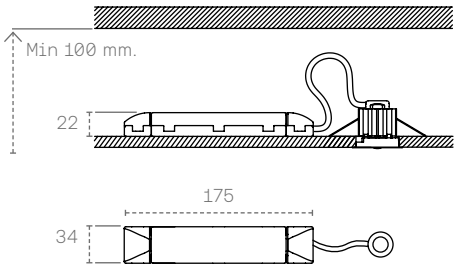
PRODUCT REFERENCES



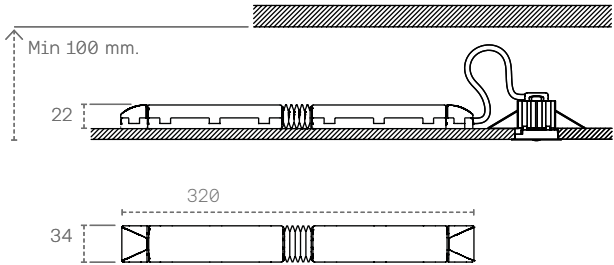
PRODUCTS

Power supply module

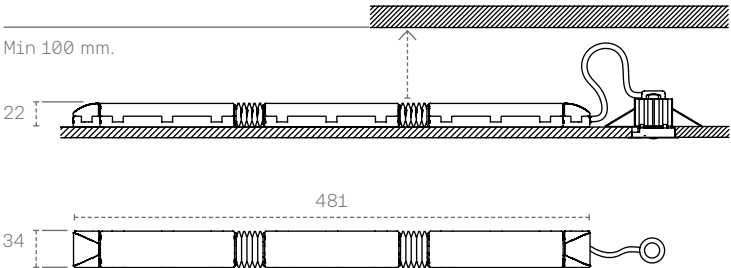
Luminaire
Except ELC



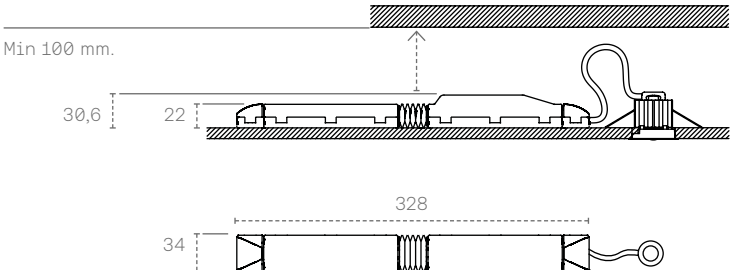
1 h duration (except N8 models)
ELC luminaire



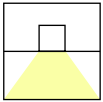
2 h and 3 h duration
with NiCd battery



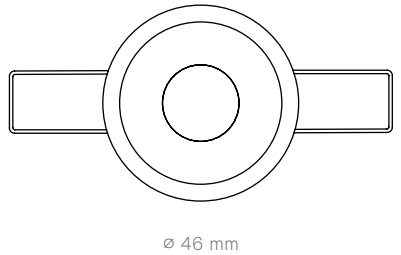
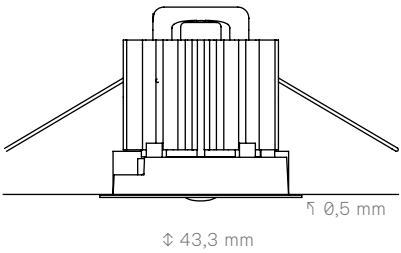
2 h and 3 h duration, and 1.5 models
with LiFePO4 battery



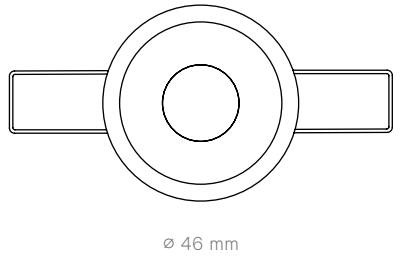
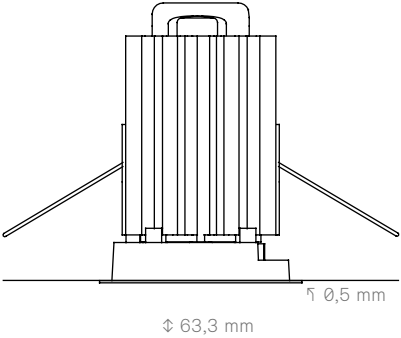
Spotlight



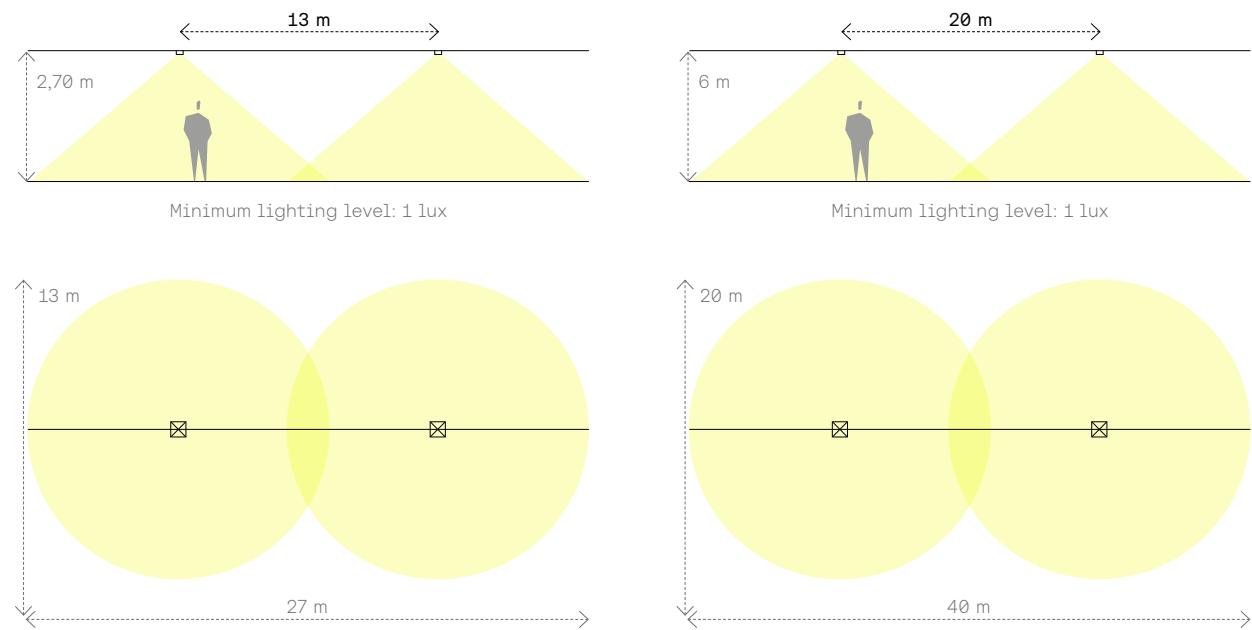
Short spotlight



Long spotlight

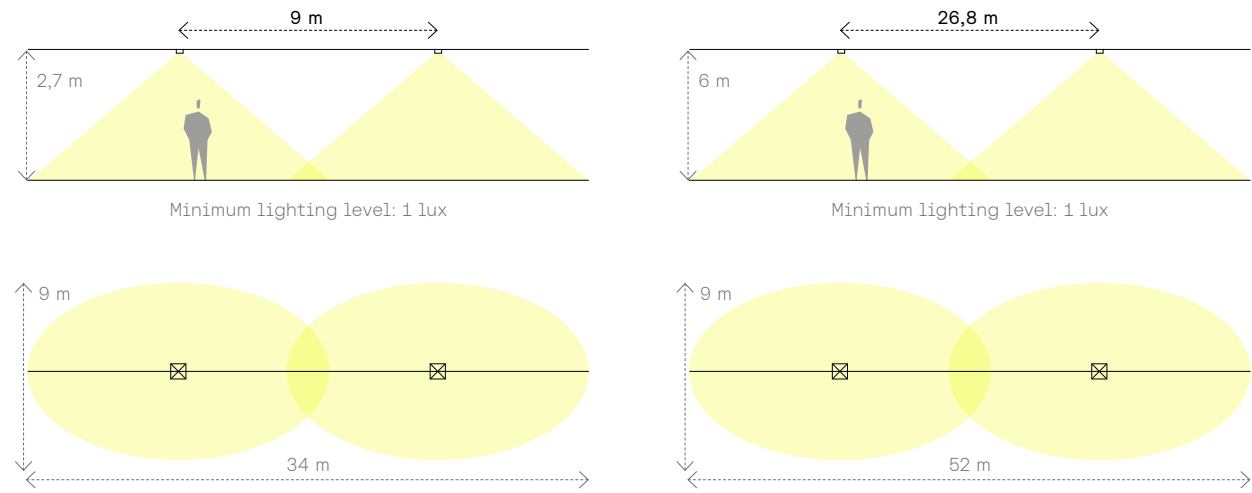


Placement



Spacing for optical assembly
Open area fixture of 250 lumens / 1 lux

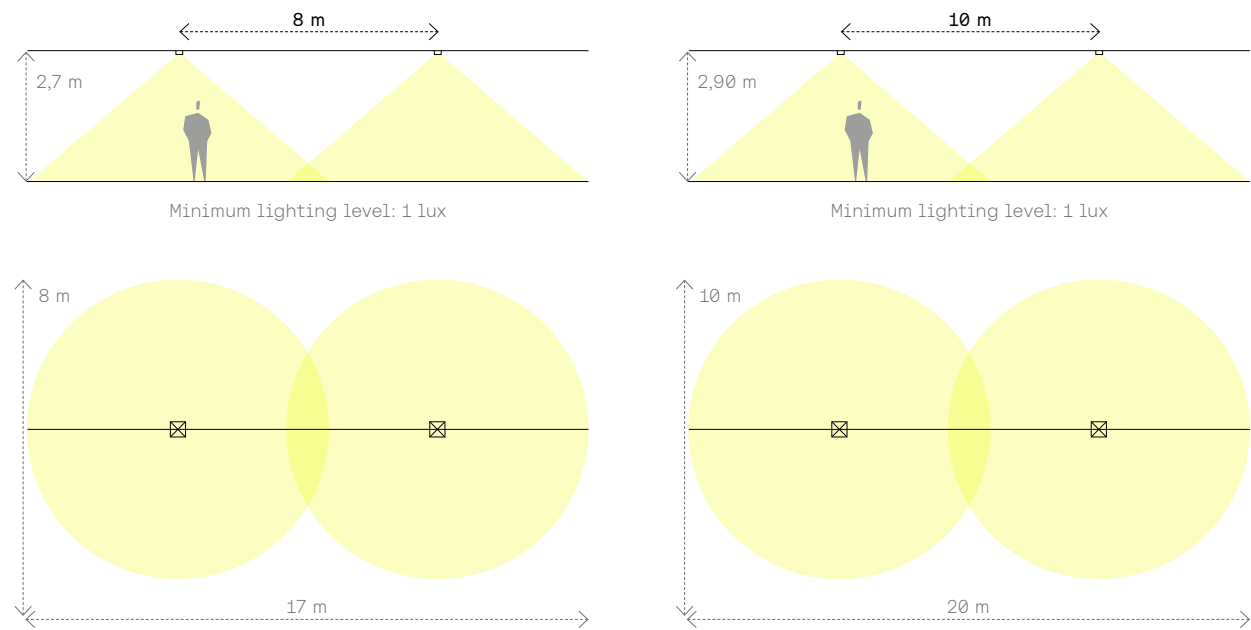
Spacing for optical assembly
Open area fixture of 400 lumens / 1 lux



Spacing for optical assembly
Escape route fixture of 250 lumens / 1 lux

Spacing for optical assembly
Escape route fixture of 400 lumens / 1 lux

Placement



Spacing for optical assembly
Open area fixture of 250 and 400 lumens / 10.8 lux

Spacing for optical assembly
Diffuser of 250 lumens

IZAR

Models	Installation ₣ m	Duration	Battery	Lumens	Light source	Spotlight	
Non-maintained							
IZAR N30	2,2 to 5	1 h	NiCd	250	MHBLED	Short	
IZAR N8	3,0 to 7	1 h	LiFePO₄	400	MHBLED	Long	
IZAR 1,5N6	2,2 to 4	1,5 h	LiFePO₄	250	MHBLED	Long	
IZAR 1,5N8	3,0 to 7	1,5h	LiFePO₄	400	MHBLED	Long	
IZAR 2N30	2,2 to 5	2 h	NiCd	250	MHBLED	Short	
IZAR 3N30	2,2 to 5	3 h	NiCd	190	MHBLED	Short	
Maintained				Emer.	Lum.		
IZAR P30 (1)	2,2 to 5	1 h	NiCd	250	120	MHBLED	Short
IZAR 1,5P8	3 to 7	1,5 h	LiFePO₄	400	120	MHBLED	Long

IZAR A / IZAR TCA / IZAR DALI

Includes microprocessor for Self-test mode operation (A), DaisaTestcentralised management system (TCA) or connection with DALI central (DALI). Fill out the reference with

A

,

TCA

 or

DALI

 depending on the model.

Models	Installation ⚡ m	Duration	Battery	Lumens	Light source	Spotlight	
Non-maintained (2)							
IZAR N30 	2,2 to 5	1 h	LiFePO ₄	250	MHBLED	Short	
IZAR N8 	3,0 to 7	1 h	LiFePO ₄	400	MHBLED	Long	
IZAR 1,5N6 	2,2 to 4	1,5 h	LiFePO ₄	250	MHBLED	Long	
IZAR 1,5N8 	3,0 to 7	1,5h	LiFePO ₄	350	MHBLED	Long	
IZAR 2N30 	2,2 to 5	2 h	LiFePO ₄	250	MHBLED	Long	
IZAR 3N30 	2,2 to 5	3 h	LiFePO ₄	250	MHBLED	Long	
Maintained (2)				Emer.	Lum.		
IZAR P30 	2,2 to 5	1 h	LiFePO ₄	250	120	MHBLED	Short
IZAR 1,5P6 	2,2 to 4	1,5 h	LiFePO ₄	250	120	MHBLED	Long
IZAR 1,5P8 	3,0 to 7	1,5h	LiFePO ₄	400	120	MHBLED	Long
IZAR 2P30 	2,2 to 5	2 h	LiFePO ₄	250	120	MHBLED	Short
IZAR 3P30 	2,2 to 5	3 h	LiFePO ₄	250	120	MHBLED	Short

IZAR Luminaire

Does not include battery. Luminaire specific function.

Models	Installation ₣ m	Power supply	Lumens	Light source	Comunicación	Spotlight
IZAR L30	2,2 to 5	See finishes	250	MHBLED	No	Short
IZAR L8	3,0 to 7	See finishes	400	MHBLED	No	Long
IZAR L30 ELC (3)	2,2 to 5	See finishes	250	MHBLED	Sí	Short
IZAR L8 ELC (3)	2,2 to 5	See finishes	400	MHBLED	Sí	Short

Finishes

Finish of	Description	Marking
Optical group	Open area (as standard) (5)	-----
	Escape route (4)(5)	(EVC)
	With diffuser. The luminous flux is reduced by 10% Only in white colour (5)	(DIF)
	10,8lx. Only 1,5h models. (6)	(10LX)
Colour	White (as standard)	-----
	Silver grey	(RAL9006)
	Black	(N)
LED colour	Cool white (as standard)	-----
	Warm white. The luminous flux is reduced by 20%. Only maintained and luminaire models.	(WW)
Power supply		
Self-contained	220-230V 50/60Hz	-----
	277V 50/60Hz (only no maintained models.)	(277V)
	110-127V 50/60Hz	(110-127V)
Luminaires (Do not include batteries)	110-240V c.a. 50/60Hz 170-320V c.c.	-----
	24V c.a. 50/60Hz 18-30V c.c. ELC models only 18-30V c.c.	(24V)

Accesorios

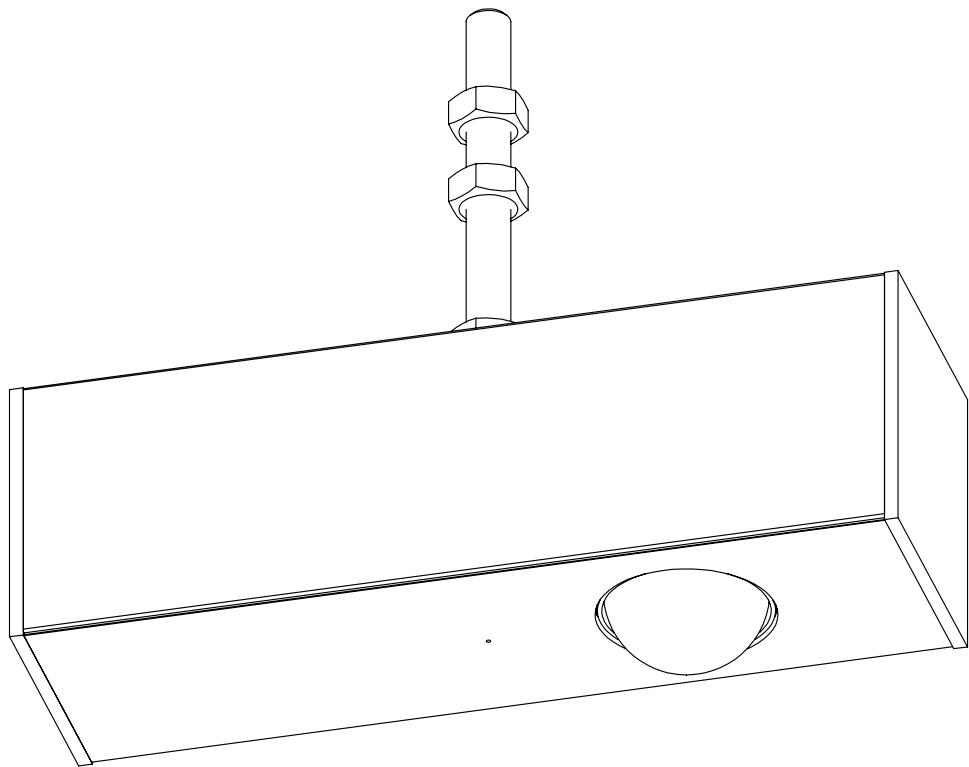
Reference	Description	Diagram
KML-8B IZAR	Cylindrical mounting accessory for slatted ceilings.	
KML-8N IZAR		
KML-8GP IZAR		

- Operation, shared data and notes:**
- The emergency luminaires equipped with LiFePO4 battery technology include a pulse-load microprocessing system that enables an important reduction of energy consumption.
- (1) The IZAR P30 maintained model has two power inputs, LUM and EMERG, which enables the luminaire to be turned off when mains power is available. Not provided with a remote control input.
- (2) The A and TCA Maintained models have an Eco-maintained function. These Maintained models do not have an independent LUM input and are always on. Can be configured to Non-Maintained by the user.
- (3) The ELC luminaire models allow communication with CB and LPS equipment through the same power cable. Suitable for integration into the DaisaTest centralized management system.
- (4) The "escape route" optical group allows a greater interdistance placement of luminaires in places such as corridors, providing adequate lighting along escape routes.
- (5) 1 lx: lenses optimised for luminous fluxes of 250 and 400 lm, and 1 lx lighting requirements.
- (6) 10.8 lx: lenses optimised for luminous fluxes of 250 and 400 lm, and 10.8 lx lighting requirements.

IZAR protection rating:
IP43 IK04 (visible part of the luminaire when flush-mounted on the ceiling). IP20 IK04 (rest of the luminaire).

IZAR-LS^{DX}

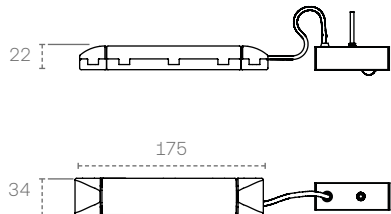
PRODUCT REFERENCES



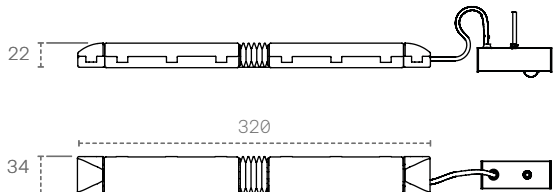
PRODUCTS

Power supply module

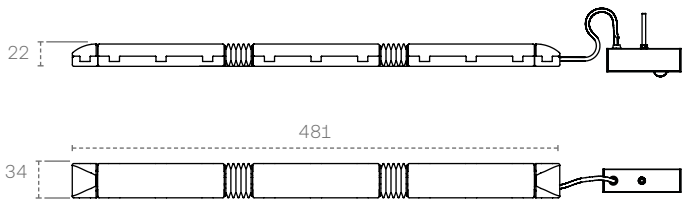
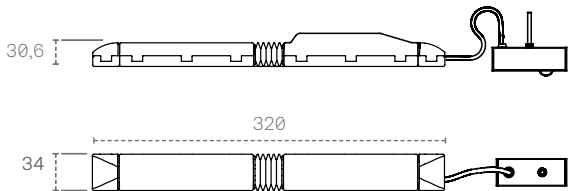
Luminaire
Except ELC



1 h duration (except N8 models)
ELC luminaire

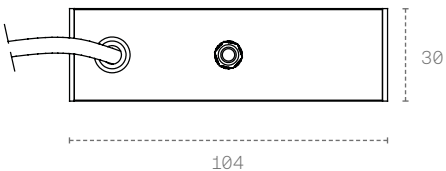
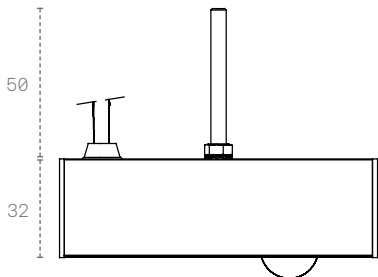
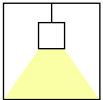


1 h, 2 h and 3 h duration, with
LiFePO4 battery and N8 models



IZAR-LS

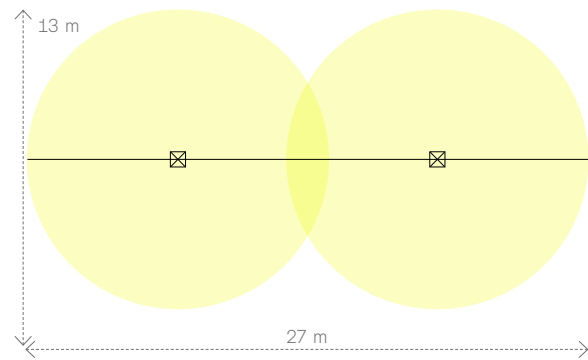
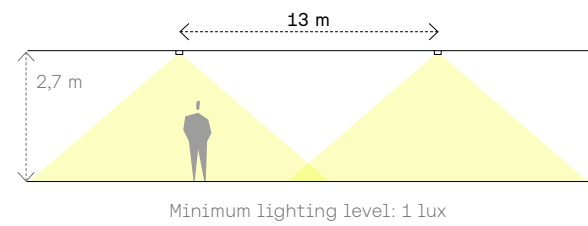
Spotlight



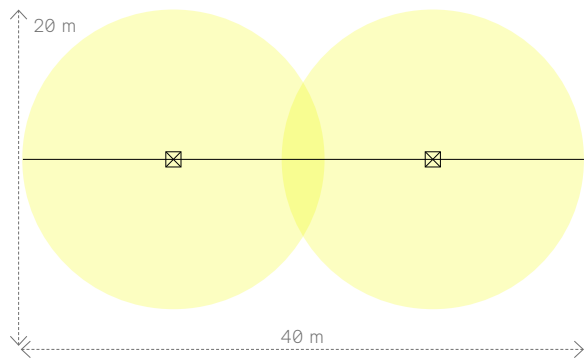
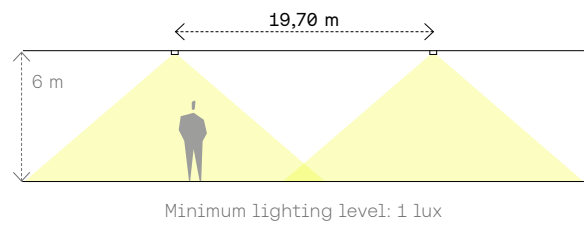


IZAR-LS

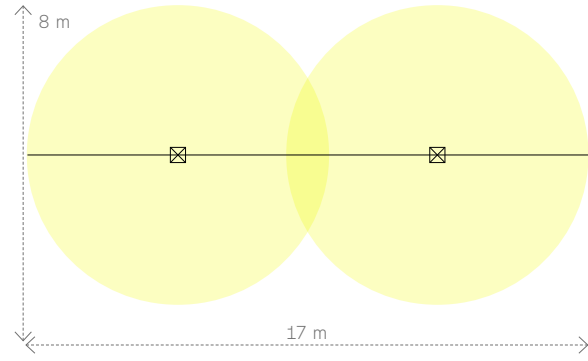
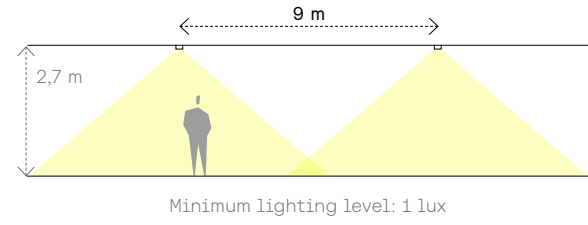
Placement



Spacing for optical assembly
Open area fixture of 250 lumens



Spacing for optical assembly
Open area fixture of 400 lumens



Spacing for optical assembly
Open area fixture of 250 and 400 lumens / 10.8 lux

IZAR-LS

IZAR-LS

Models	Installation ⚡ m	Duration	Battery	Lumens	Light source
No permanentes					
IZAR-LS N30	2,2 to 5	1 h	NiCd	250	MHBLED
IZAR-LS N8	3,0 to 7	1 h	LiFePO ₄	400	MHBLED
IZAR-LS 1,5N6	2,2 to 4	1,5 h	LiFePO ₄	250	MHBLED
IZAR-LS 1,5N8	3,0 to 7	1,5h	LiFePO ₄	400	MHBLED
IZAR-LS 2N30	2,2 to 5	2 h	NiCd	250	MHBLED
IZAR-LS 3N30	2,2 to 5	3 h	NiCd	190	MHBLED
Permanentes				Emer.	Lum.
IZAR-LS P30 (1)	2,2 to 5	1 h	NiCd	250	120 MHBLED
IZAR-LS 1,5P8	3 to 7	1,5 h	LiFePO ₄	400	120 MHBLED

IZAR-LS A / IZAR-LS TCA / IZAR-LS DALI

Includes microprocessor for Self-test mode operation (A), DaisaTestcentralised management system (TCA) or connection with DALI central (DALI). **Fill out the reference with** A, TCA or DALI depending on the model.

Models	Installation ⚡ m	Duration	Battery	Lumens	Light source
Non-maintained:					
IZAR-LS N30 	2,2 to 5	1 h	LiFePO ₄	250	MHBLED
IZAR-LS N8 	3,0 to 7	1 h	LiFePO ₄	400	MHBLED
IZAR-LS 1,5N6 	2,2 to 4	1,5 h	LiFePO ₄	250	MHBLED
IZAR-LS 1,5N8 	3,0 to 7	1,5h	LiFePO ₄	350	MHBLED
IZAR-LS 2N30 	2,2 to 5	2 h	LiFePO ₄	250	MHBLED
IZAR-LS 3N30 	2,2 to 5	3 h	LiFePO ₄	250	MHBLED
Maintained (2):				Emer.	Lum.
IZAR-LS P30 	2,2 to 5	1 h	LiFePO ₄	250	120 MHBLED
IZAR-LS 1,5P6 	2,2 to 4	1,5 h	LiFePO ₄	250	120 MHBLED
IZAR-LS 1,5P8 	2,2 to 5	1,5h	LiFePO ₄	400	120 MHBLED
IZAR-LS 2P30 	2,2 to 5	2 h	LiFePO ₄	250	120 MHBLED
IZAR-LS 3P30 	2,2 to 5	3 h	LiFePO ₄	250	120 MHBLED

IZAR Luminaire

Does not include battery. Luminaire specific function.

Models	Installation ⚡ m	Power supply	Lumens	Light source	Comunicación
IZAR-LS L30	2,2 to 5	See finishes	250	MHBLED	No
IZAR-LS L8	3,0 to 7	See finishes	400	MHBLED	No
IZAR-LS L30 ELC (3)	2,2 to 5	See finishes	250	MHBLED	Sí
IZAR-LS L8 ELC (3)	2,2 to 5	See finishes	400	MHBLED	Sí

IZAR-LS

Finishes

Finish of	Description	Marking
Optic group	Open area (as standard) (4)	-----
	10,8lx. Only 1,5h models. (5)	(10LX)
Cable length	20 cm	-----
	100 cm	100
Colour	 White	(LSB)
	 Silver grey	(LSG)
	 Black (as standard)	(LSN)
LED colour	 Cool white (as standard)	-----
	 Warm white..The luminous flux is reduced by 20%. Only maintained and luminaire models.	(WW)
Power supply		
Self-contained	220-230V 50/60Hz	-----
	277V 50/60Hz (only no maintained models.)	(277V)
	110-127V 50/60Hz	(110-127V)
Luminaires (Do not include batteries)	110-240V c.a. 50/60Hz 170-320V c.c.	-----
	24V c.a. 50/60Hz 18-30V c.c. ELC models only 18-30V c.c.	(24V)

Operation, shared data and notes:
The emergency luminaires equipped with LiFePO4 battery technology include a pulse-load microprocessing system that enables an important reduction of energy consumption.
(1) The IZAR P30 maintained model has two power inputs, LUM and EMERG, which enables the luminaire to be turned off when mains power is available. Not provided with a remote control input.
(2) The A and TCA Maintained models have an Eco-maintained function.
These Maintained models do not have an independent LUM input and are always on.
Can be configured to Non-Maintained by the user.
(3) The ELC luminaire models allow communication with CB and LPS equipment through the same power cable.
Suitable for integration into the DaisaTest centralized management system.
(4) 1lx: lenses optimised for luminous fluxes of 250 and 400 lm, and 1 lx lighting requirements.
(5) 10.8 lx: lenses optimised for luminous fluxes of 250 and 400 lm, and 10.8 lx lighting requirements.

Protection rating IZAR-LS:
IP20 IK04

The story of an invisible star.

Fund out about the advances that have made IZAR an invisible solution with extraordinary lighting performance.

[Read IZAR's story](#)



With the same finesse as the stars that guide us in the night sky, Daisalux invests all its engineering, technology, and design capabilities into illuminating pathways in architectural spaces.

When light is a priority.

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