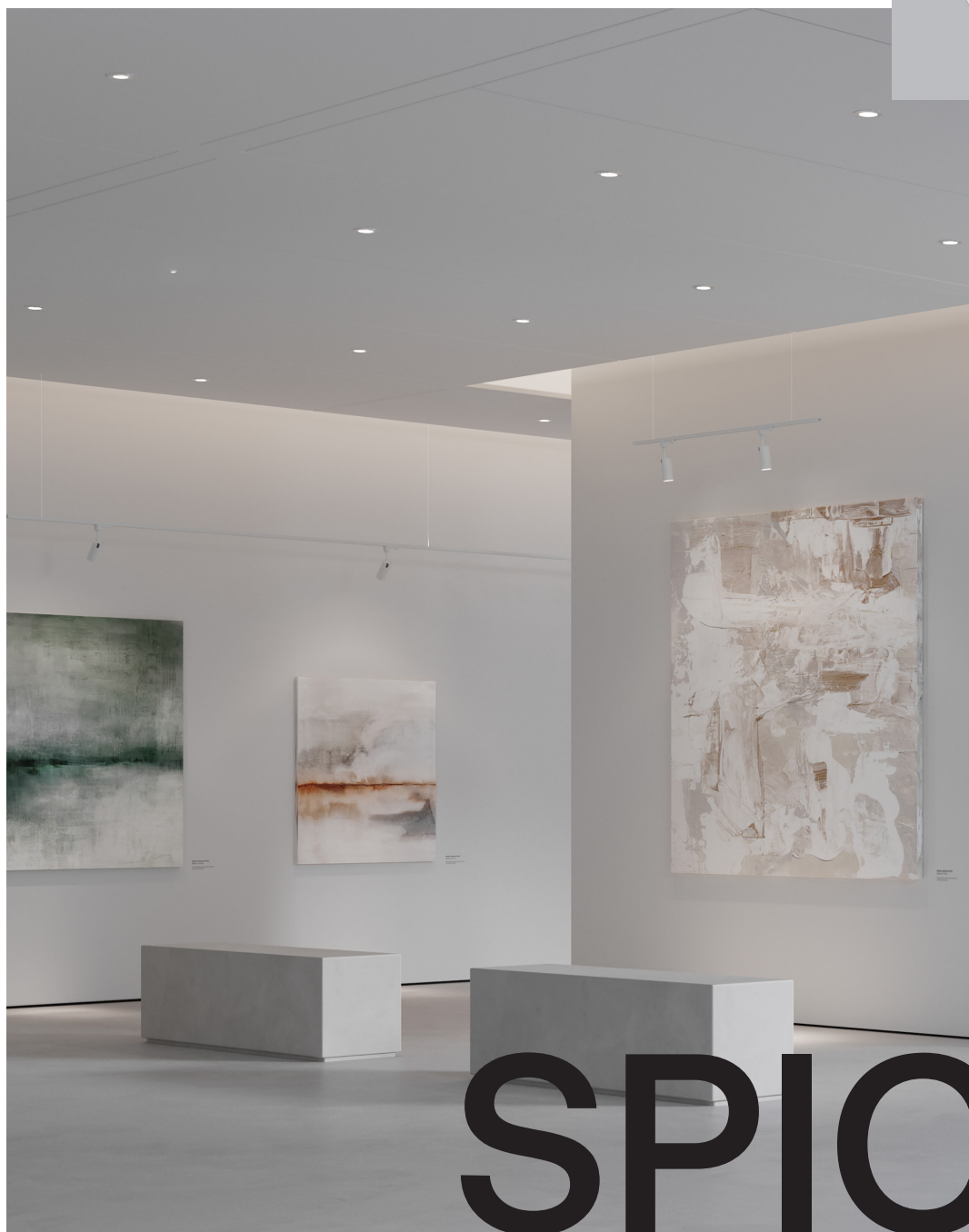






Emergency
lighting

Spica	04
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DX Universe	26

SPICA is the brightest
object in the constellation
of Virgo.



The emergency luminaire
that's invisible to the eye

SPICA

Ancient Rome: The Exhibition

Step into the captivating world of Ancient Rome at MetaMorphosi's exhibition in New York! Immerse yourself in the triumphs and conquests of this legendary empire, from Julius Caesar's historic victories to the unparalleled reach of Roman civilization.

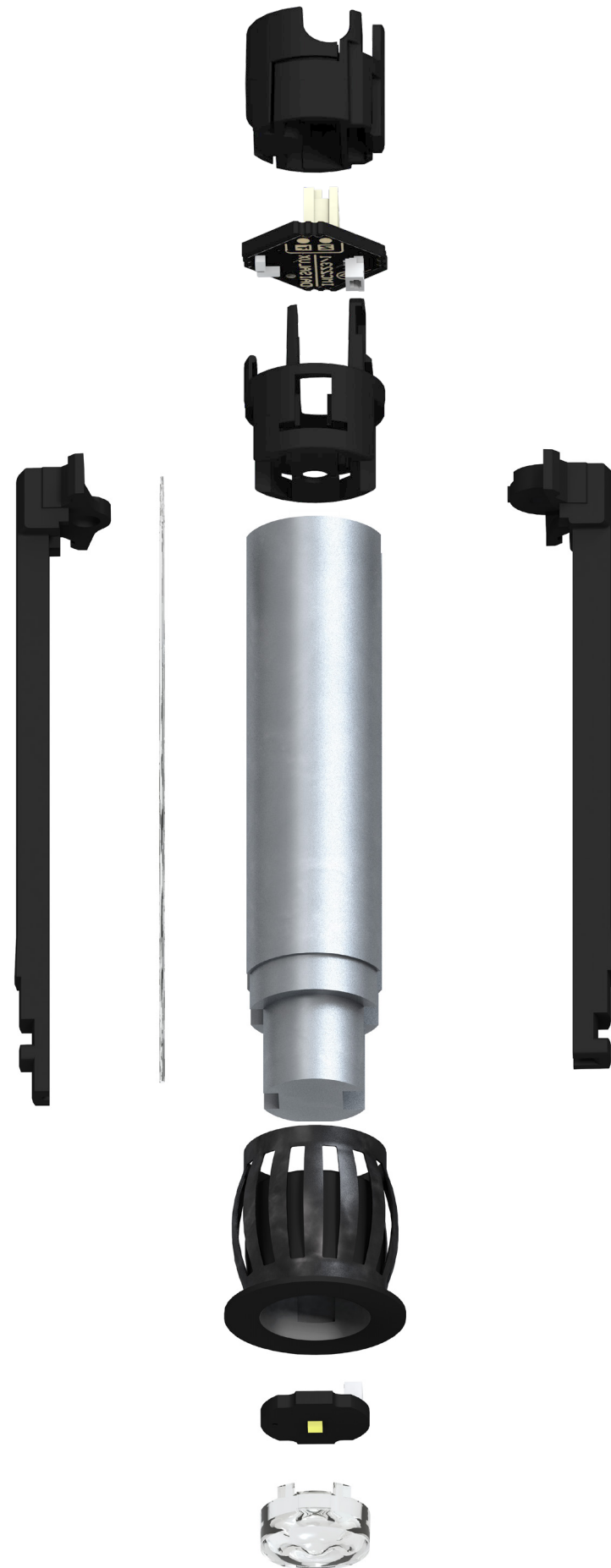
Through meticulous reconstructions and authentic artifacts, including weapons, armor, machinery, and architectural marvels, experience the creative brilliance of the ancient Romans. Discover the intricate details derived from historical accounts and witness their technological advancements firsthand.

FEATURES
SPICA



**When top
performance fits
into the smallest
luminaire.**

20 mm
Ø



HEAT DISSIPATION TECHNOLOGY

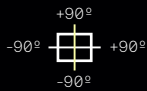
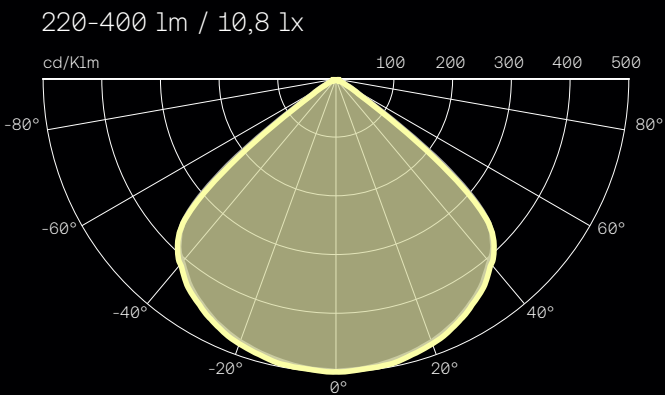
The heat dissipation system features excellent heat conduction and thermal convection that allow the LED to operate at the right temperature without overheating.

70,000 H. ESTIMATED LIFE L90/B10

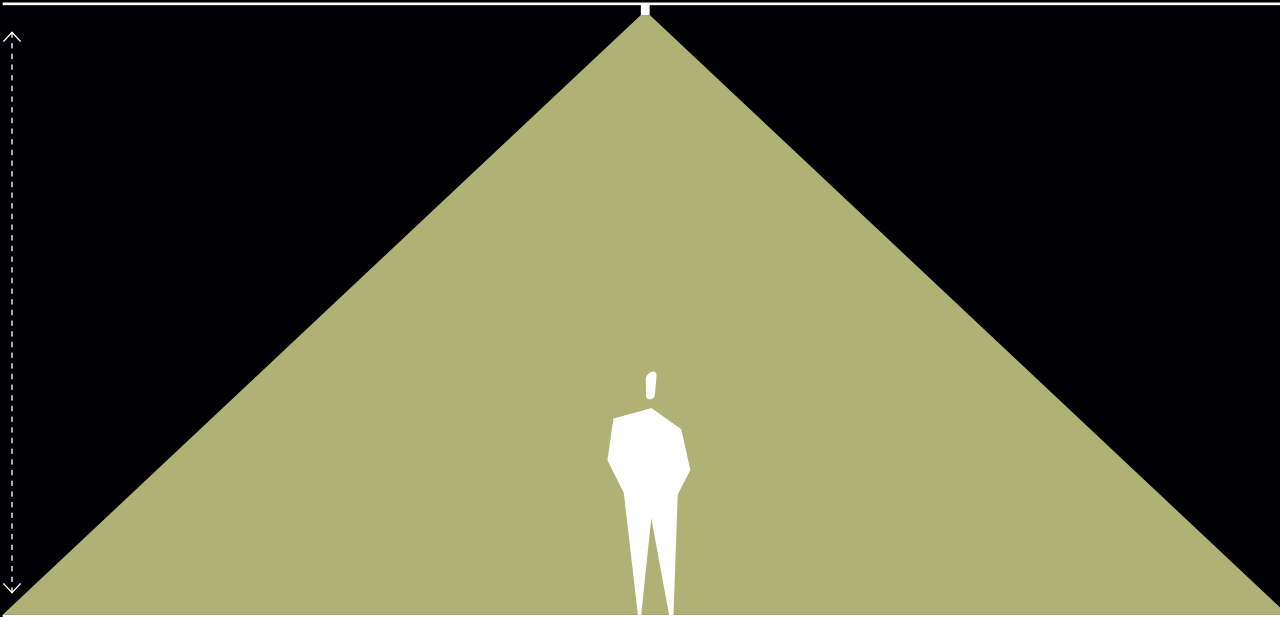
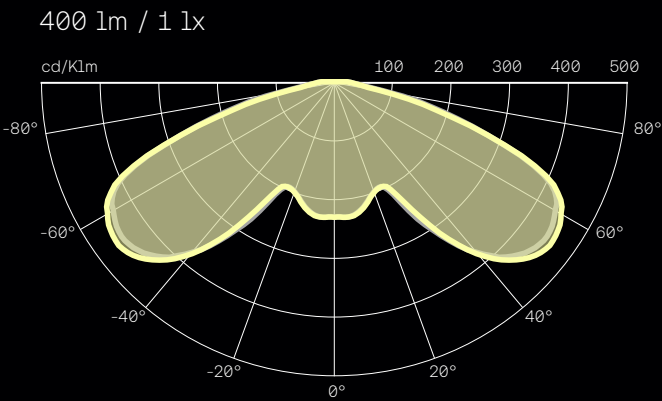
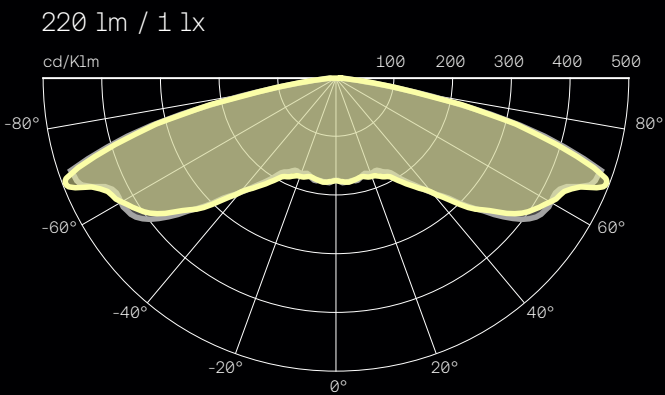
Designed and manufactured to maximise the estimated life.

BATTERY CHARGING AND MAINTENANCE

SPICA's advanced electronics significantly cut energy consumption and maintenance costs. A microprocessor coupled with the development of charge management software makes it possible to monitor and optimise the life of the LiFePO4 batteries.



⇅ 2,2-5 m 220 lm / 1 lx
⇅ 4-7 m 400 lm / 1 lx
⇅ 2,2-5 m 220-400 lm / 10,8 lx



OPTIMISED PHOTOMETRIC CURVES

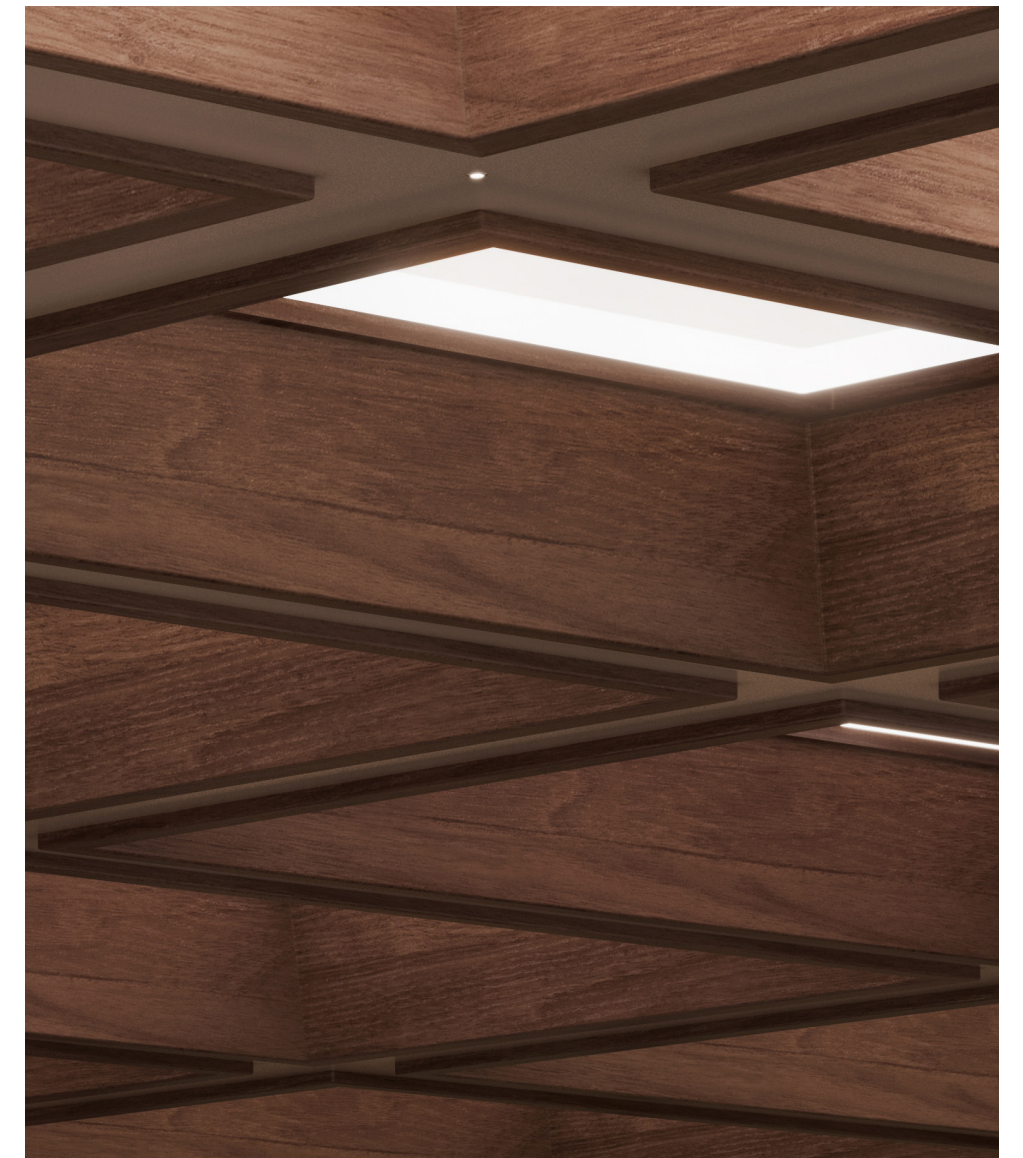
Proprietary 12 mm lenses with purpose-designed refractive zones deliver optimized photometric curves.

1 LX AND 10.8 LX OPTICS

220 and 400 lumen versions can be fitted with 1 lx or 10.8 lx lenses.

WIDER SPACING, UNIFORM RESULTS

DAISA lighting design software lets you increase luminaire spacing while maintaining even coverage.



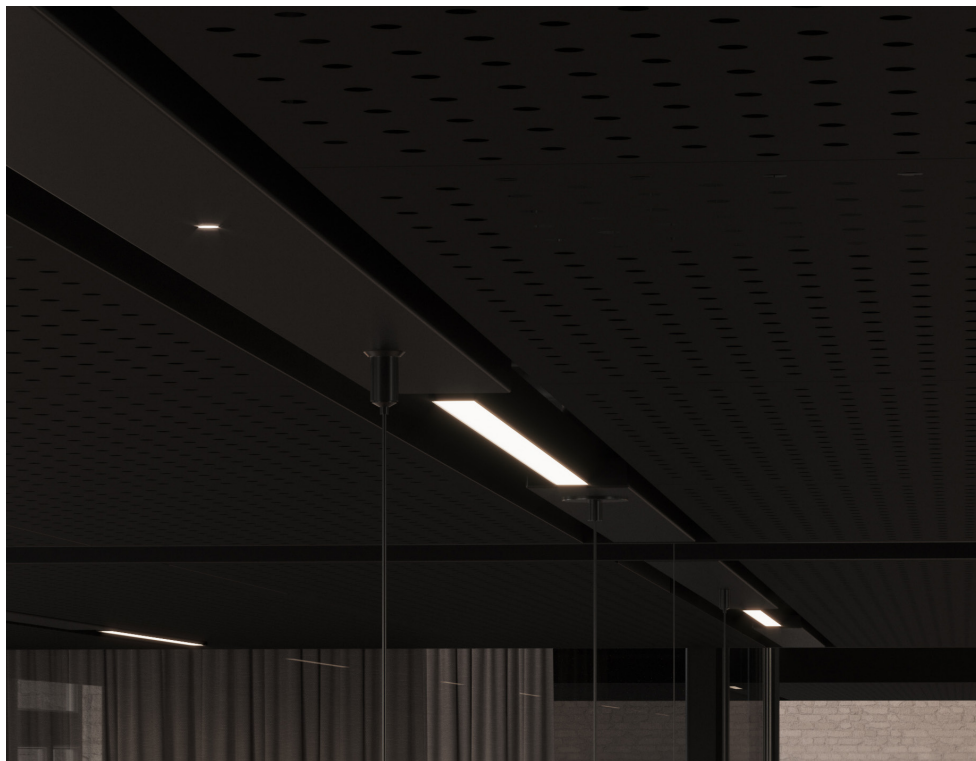
At Daisalux we design and manufacture luminaires that seamlessly blend into any space.

The goal was to create a luminaire that would be invisible to the eye, that would blend into the background while offering first-class performance. SPICA is the result.

Blends seamlessly
into any space



Fields of application



SPICA is designed for ceilings between 2 to 7 metres in height, in places like hotels, museums, shops, offices, hotels, restaurants and more.



Quick installation and easy maintenance

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

MAXIMUM ERGONOMICS

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

CEILINGS WITH INSPECTION ACCESS

This luminaire is specifically designed for false ceilings and ceilings with inspection access. Its flexibility also means that it only requires 10 cm of recess.

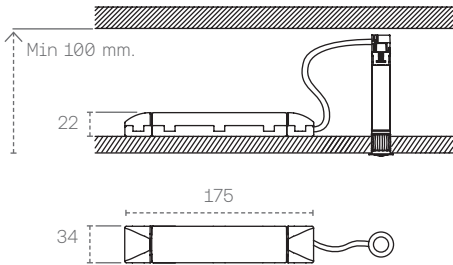
EASY BATTERY ACCESS

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

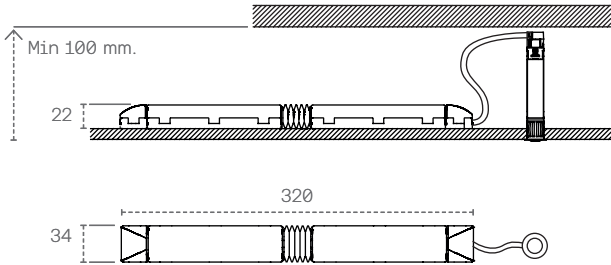
SPICA

Power supply module

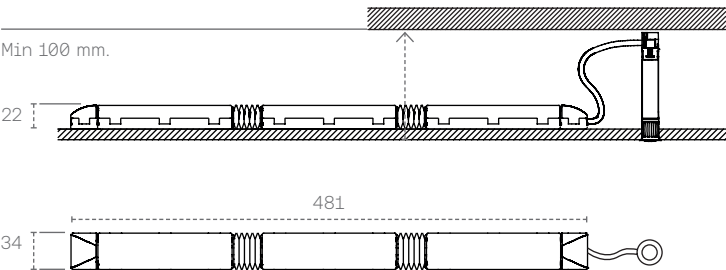
Luminaire
Except ELC



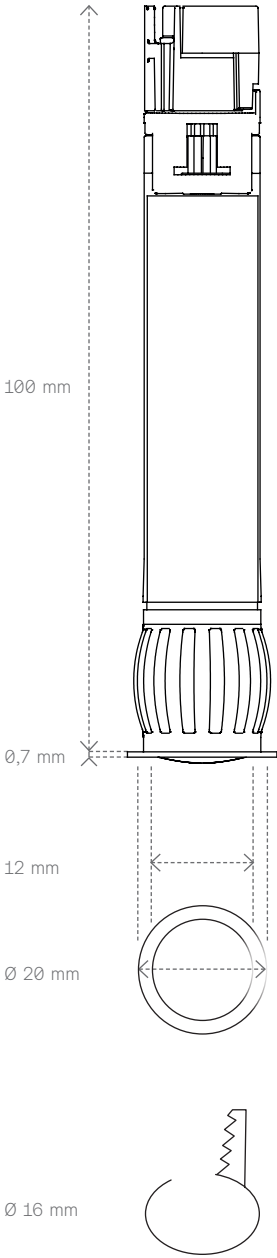
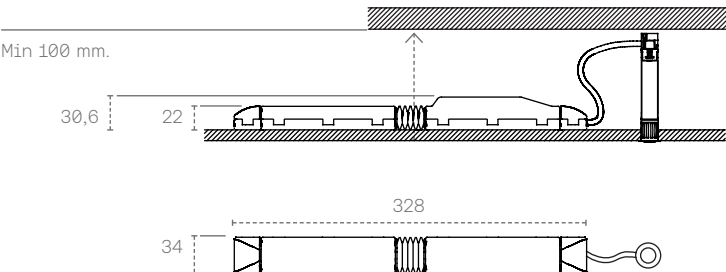
Duration 1 h and 1,5 N6 models
ELC luminaire



Duration 2 and 3 h
NiCd battery



Duration 2h, 3h and 1,5 N8 models
LiFePO4 battery

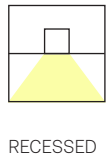
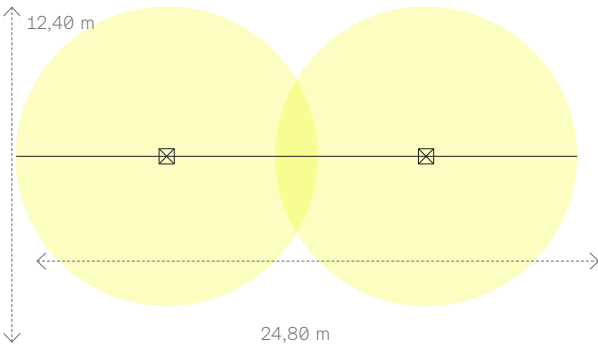
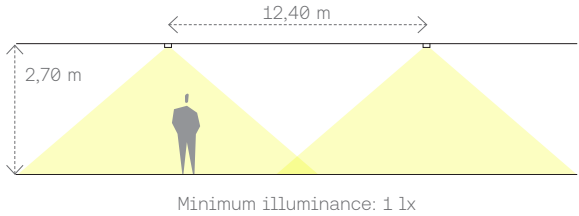


Ceiling thickness ≥ 5 mm
For lower thickness, use AMTF
Spica accessory.

SPICA

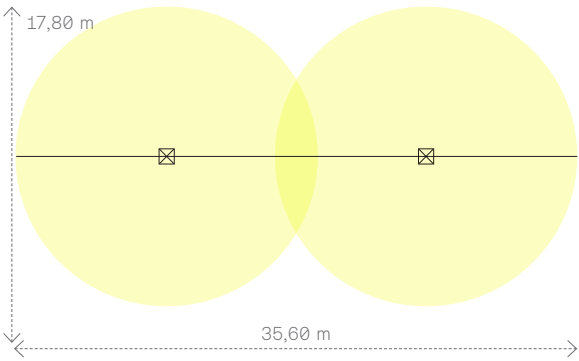
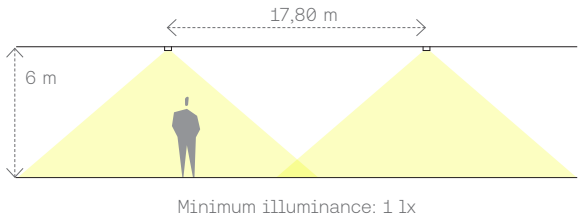
Mounting Dimensions

Spacing guidelines shown for 220 lumen models

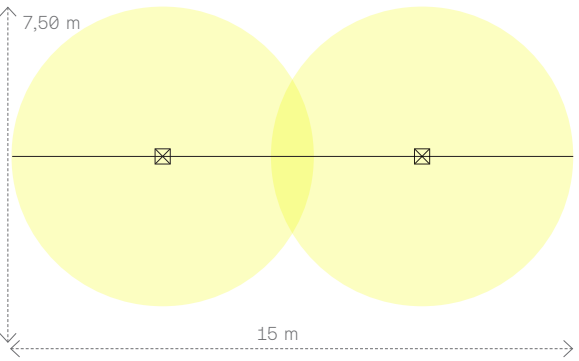
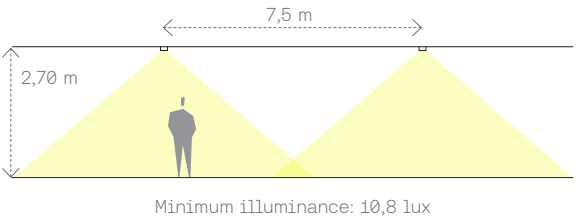


RECESSED

Spacing guidelines shown for 400 lumen models
/ 1 lux



Spacing guidelines shown for 400 lumen models
/ 10,8 lux



SPICA

Spica Duration

Non-maintained models	Installation height (m)	Duration	Battery	Lumens		lx	Light source
Spica N30	2,2 to 5	1 h	NiCd	220		1 lx	MHB _{LED}
Spica N8	4 to 7	1 h	LiFePO ₄	400		1 lx	MHB _{LED}
Spica 1,5N8	3 to 5	1,5 h	LiFePO ₄	400		10,8 lx	MHB _{LED}
Spica 1,5N6	2,2 to 3	1,5 h	LiFePO ₄	220		10,8 lx	MHB _{LED}
Spica 2N30	2,2 to 5	2 h	NiCd	220		1 lx	MHB _{LED}
Spica 3N30	2,2 to 5	3 h	NiCd	190		1 lx	MHB _{LED}
Non-maintained models	Installation height (m)	Duration	Battery	Lumens		lx	Light source
				Emer.	Lum.		
Spica P30	2,2 to 5	1 h	NiCd	220	110	1 lx	MHB _{LED}

The Spica P30 maintained device has two power supply inputs, LUM and EMERG, which can be turned off when the mains power is available. Not provided with remote control connection.

Spica A / Spica TCA / Spica DALI

Includes microprocessor for Self-test mode operation (A), DaisaTest centralised management system (TCA) or connection with DALI central (DALI). Fill out the reference with ☐A, ☐TCA or ☐DALI depending on the model. Example of order: Spica N30 A / Spica N30 TCA / Spica N30 DALI

Non-maintained models	Installation height (m)	Duration	Battery	Lumens		lx	Light source
Spica N30 ☐	2,2 to 5	1 h	LiFePO ₄	220		1 lx	MHB _{LED}
Spica N8 ☐	4 to 7	1 h	LiFePO ₄	400		1 lx	MHB _{LED}
Spica 1,5N8 ☐	3 to 5	1,5 h	LiFePO ₄	400		10,8 lx	MHB _{LED}
Spica 1,5N6 ☐	2,2 to 3	1,5 h	LiFePO ₄	220		10,8 lx	MHB _{LED}
Spica 2N30 ☐	2,2 to 5	2 h	LiFePO ₄	220		1 lx	MHB _{LED}
Spica 3N30 ☐	2,2 to 5	3 h	LiFePO ₄	220		1 lx	MHB _{LED}
Non-maintained models	Installation height (m)	Duration	Battery	Lumens		lx	Light source
				Emer.	Lum.		
Spica P30 ☐	2,2 to 5	1 h	LiFePO ₄	220	110	1 lx	MHB _{LED}
Spica P8 ☐	4 to 7	1 h	LiFePO ₄	400	110	1 lx	MHB _{LED}
Spica 1,5P8 ☐	3 to 5	1,5 h	LiFePO ₄	400	110	10,8 lx	MHB _{LED}
Spica 1,5P6 ☐	2,2 to 3	1,5 h	LiFePO ₄	220	110	10,8 lx	MHB _{LED}
Spica 2P30 ☐	2,2 to 5	2 h	LiFePO ₄	220	110	1 lx	MHB _{LED}
Spica 3P30 ☐	2,2 to 5	3 h	LiFePO ₄	220	110	1 lx	MHB _{LED}

The emergency luminaires equipped with LiFePO4 battery technology include a pulse-load microprocessing system that enables an important reduction of energy consumption. These Maintained A and TCA models do not have an independent LUM input and are always on. Can be configured to Non-Maintained by the user.

SPICA

Spica Luminaire

No built-in battery. Specific luminaire function.

Models	Installation height (m)	Power supply voltage	Lumens	lx	Communication	Light source
Spica L30	2,2 a 5	Ver tensión de alimentación	220	1 lx	No	MHB _{LED}
Spica L8	4 a 7	Ver tensión de alimentación	400	1 lx	No	MHB _{LED}
Spica L30 ELC	2,2 a 5	Ver tensión de alimentación	220	1 lx	Sí	MHB _{LED}
Spica L8 ELC	4 a 7	Ver tensión de alimentación	400	1 lx	Sí	MHB _{LED}

The ELC luminaire models allow communication with CB and LPS equipment through the same power cable. Suitable for integration into the DaisaTest centralised management system.

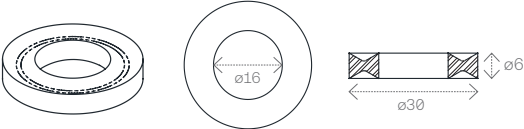
Finishes

Trim colour	Marking
☐ White (as standard)	--
☐ Black The luminous flux is reduced by 10%	(B)

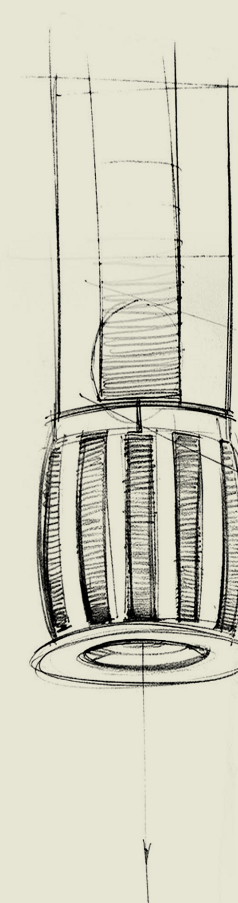
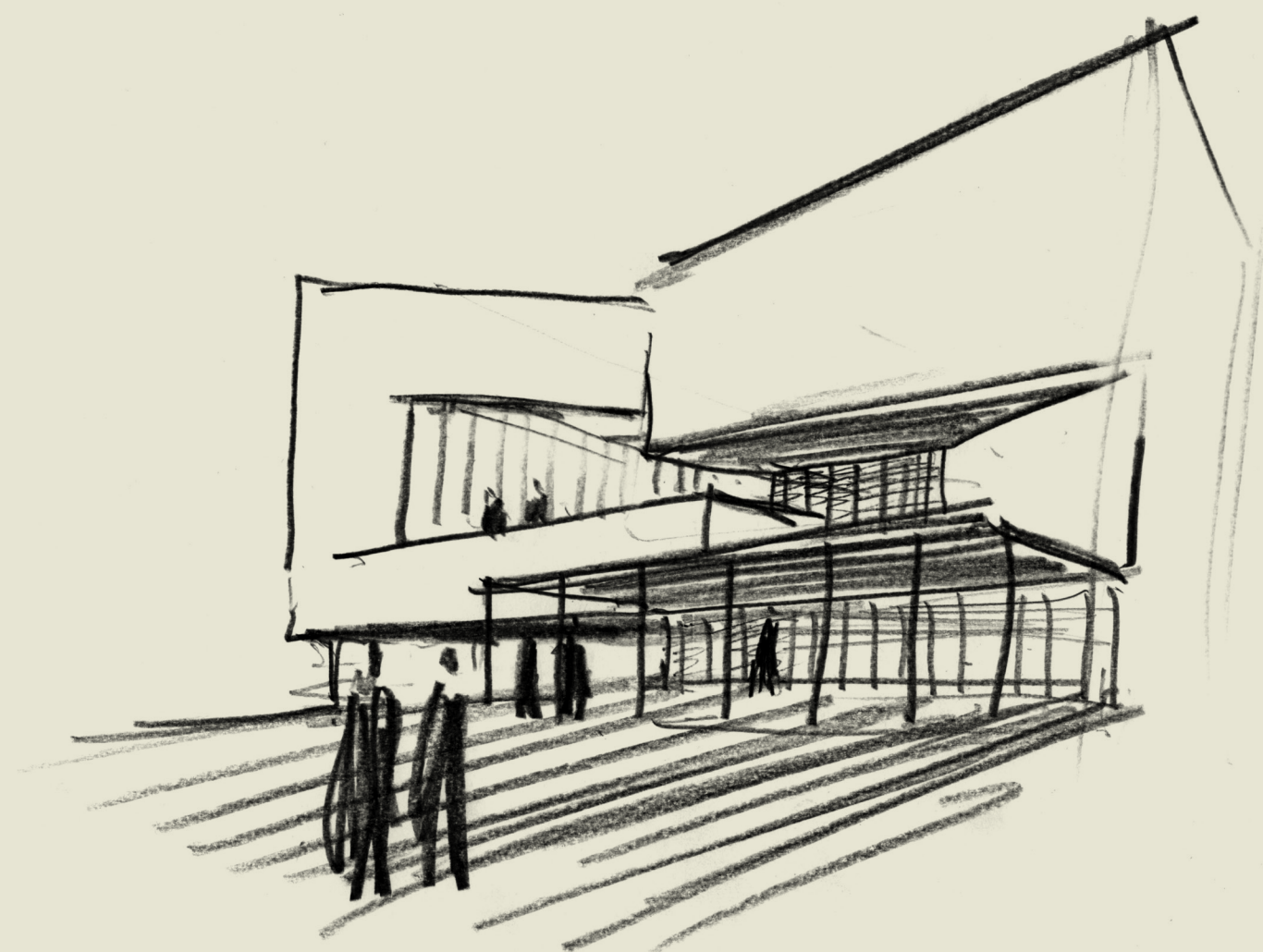
LED colour	Marking
☐ Cool white (as standard)	--
☐ Warm white The luminous flux is reduced by 20%. Only Maintained and Luminaire models	(WW)

Power supply voltage		Marking
SPICA Self-contained	220-230V 50/60Hz	--
	110-127V 50/60Hz	(110-127V)
SPICA Luminaire (Does not include batteries)	110-240V AC 50/60Hz 170-320V DC	--
	24V AC 50/60Hz 18-30V DC	(24V)
	ELC models only 18-30V DC	

Accessories

Product reference	Description	Diagram
Spica AMTF	Washer for mounting on thin ceilings	

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

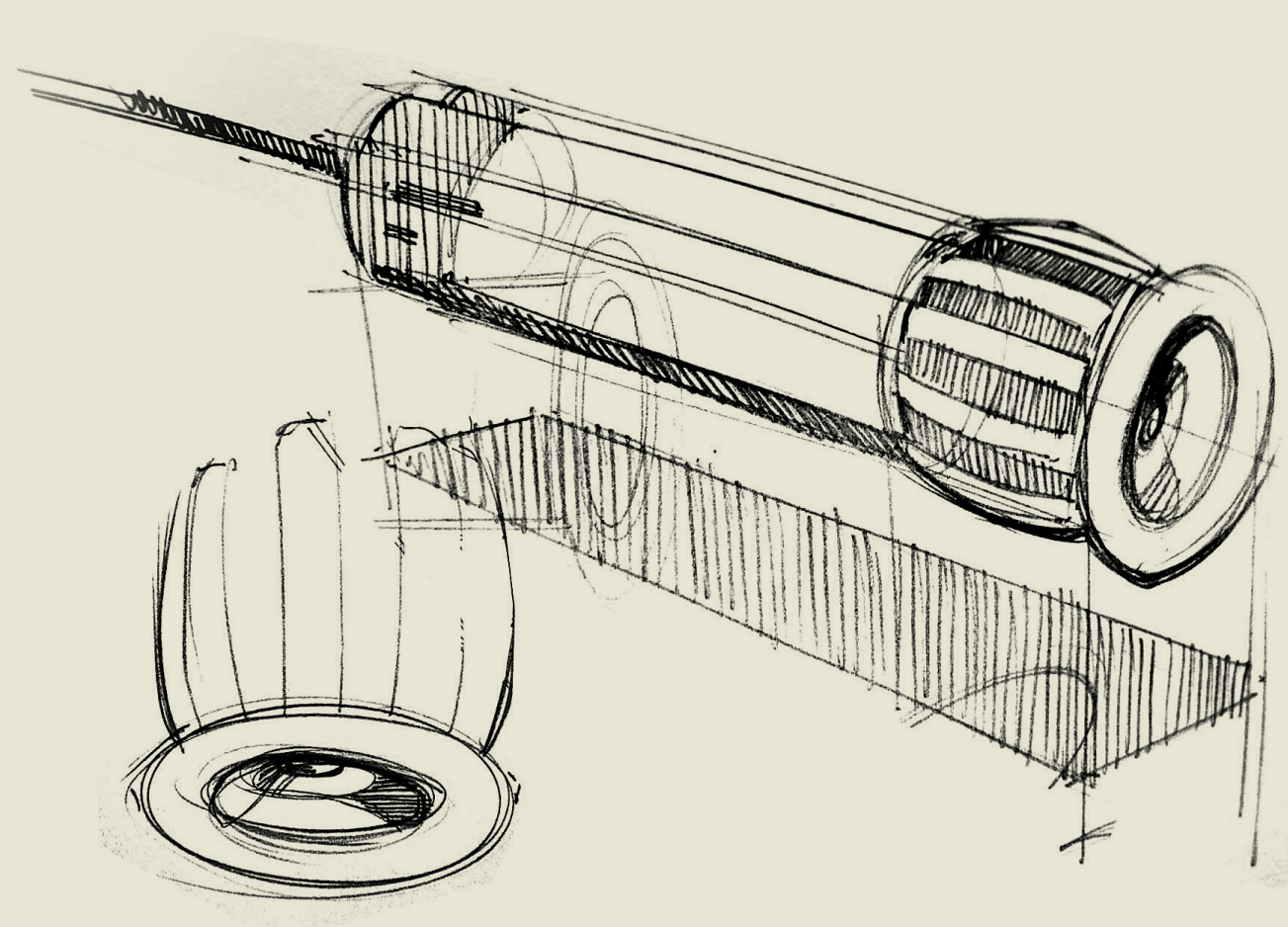


Design at the heart of the dialogue

While emergency lighting is only used in rare circumstance, the lighting fixture has a permanent place in the space. We help strike the perfect balance between the aesthetics of the space as a whole and the functionality of emergency lighting.

As a component that impacts architectural design, our job is to understand the specific characteristics of the space, materials, and overall atmosphere.

We work together with architects, engineers, and lighting designers to identify project requirements, learning what they want and expect from us.



Creating the imperceptible

In line with this philosophy, we set out to create a luminaire that is invisible to the eye and has the smallest size possible while delivering maximum performance. And we called the result SPICA.

Find out how we pushed the boundaries when we developed this new product.



CASHIER



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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When light is a priority