

LED signalling luminaires / Lisu Series

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Rectangular shape without a projection device and which has not been submitted to design conversions. It takes its aesthetics from a general monochromatic appearance through a translucent polycarbonate nucleus. A metallized fragment inserted into the rear and side periphery visually determine a clear and convincing way any edges and vertexes.

Lisu Series

Construction details: Built to EN 60598-2-22 standards / Comply with EN 1838 standard / According to European Electromagnetic Compatibility, Low Voltage and RoHS Directive 2004/108/EC, 2006/95/EC and 2002/95/EC / Built to synthetic material, 850°C according to EN 60598-1 and EN 60695-2-10 / Battery protected against excessive discharges / Standby by remote control / Circuit for remote control protected against connection errors / Electric shock protection: Class II / Luminaire suitable for installation on normally inflammable surfaces: Class "F" / **IP20 IK04** Surface Lisu / **IP22 IK04** Pennant Lisu, Ceiling mounted Lisu, Suspended Lisu / Thermal protection for mains input / Operational testing at 100% of production with electronic-IT systems.

Functional options: "P": Maintained. "A": Operation in Self-test mode. "TCA": DaisaTest centralised management System.

Surface Lisu

Body made from PC-ASA.
Fastening plate made from polyamide reinforced by fibreglass.
Opal PC diffusers.



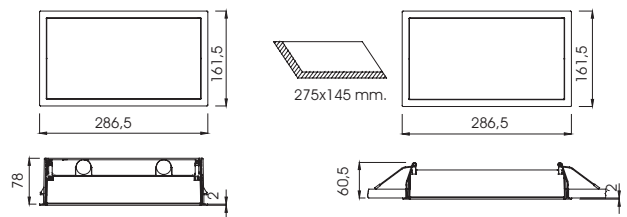
Flush-mounted Lisu

It has an accessory for solid-wall flush-mounted housing and another one for hollow-wall flush-mounted housing, both made from synthetic materials.



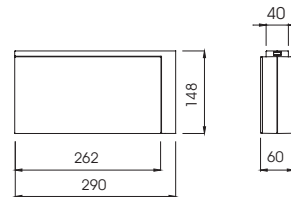
Solid-wall flush mounted housing: KENPB or KENPGP.

Hollow-wall flush mounted housing: KENTB or KENTGP.



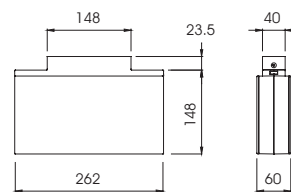
Pennant Lisu

Body made from PC-ASA.
Fastening plate made from polyamide reinforced by fibreglass.
Opal PC diffusers.



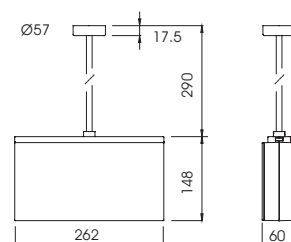
Ceiling mounted Lisu

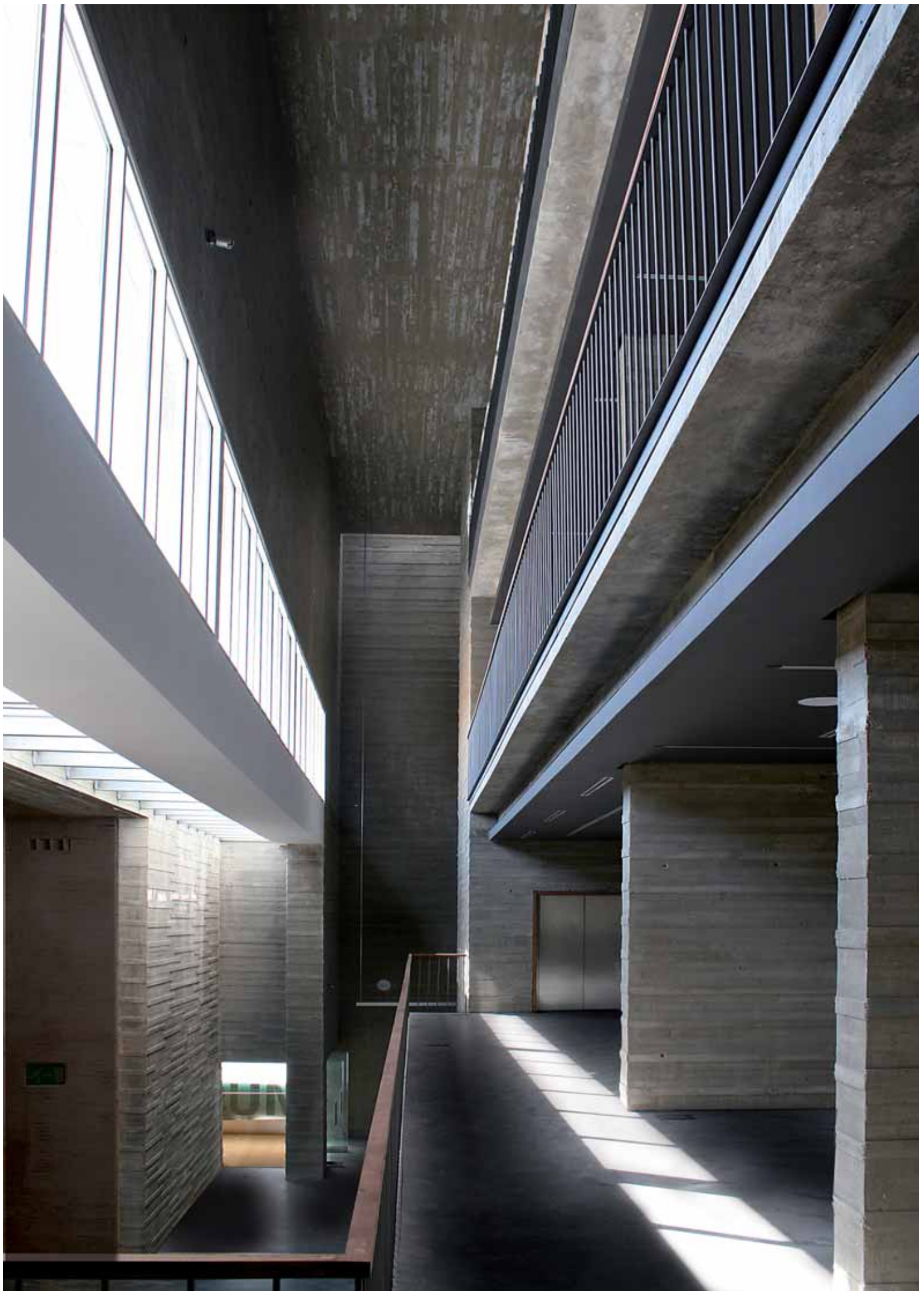
Body made from PC-ASA.
Fastening plate made from polyamide reinforced by fibreglass.
Opal PC diffusers.



Suspended Lisu

Chromed tubular steel support.
Suspension support made of polyamide reinforced by fibreglass.
Body made from PC-ASA.
Opal PC diffusers.





Surface Lisu

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained:				
LISU P	1 h	40	LED	Green LED
LISU 2P	2 h	40	LED	Green LED
LISU 3P	3 h	40	LED	Green LED

Surface Lisu A Specific for Self-test.

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained A:				
LISU P A	1 h	40	LED	Green LED
LISU 2P A	2 h	40	LED	Green LED
LISU 3P A	3 h	40	LED	Green LED

Surface Lisu TCA

Includes microprocessor for operating in Self-test mode and DaisaTest centralised management System.

TCA models can be supplied on request. **Check with the factory or our web site: www.daisalux.com**














Luminaires

Model	Voltage	Lamp	Lumens
LISU L	230V AC	LED	40

Finishes

Finish of:	Description	Marking
Colour	White (standard). Silver grey. Metallic dark grey.	----- (RAL9006) (GREY)

Signs (RT...)(1)(2):

Description	Marking	Description	Marking
	(RT1301)		(RT1320)
	(RT1302)		(RT1323)
	(RT1304)		(RT1324)
	(RT1305)		(RT1325)
	(RT1306)		(RT1315)
	(RT1308)		(RT1316)
	(RT1309)		

Accessories

Reference:	Description	Resultant flux
KENPB LISU	White housing for solid-wall flush mounting. (3)	100%
KENPGP LISU	Silver grey housing for solid-wall flush mounting. (3)	100%
KENTB LISU	White housing for hollow-wall flush mounting. (4)	100%
KENTGP LISU	Silver grey housing for hollow-wall flush mounting. (4)	100%

Example of order:

10 units LISU 2P silver grey with "Exit" sign RT1308 on either side:

10 LISU 2P (RAL9006, RT1308)

Operation, common data and notes

- (1) The sign comes placed on the diffuser. The resulting flux is 25%. The size of the sign is 254x127 mm
- (2) Signs with special diagram are supplied. Enquire at factory.
- (3) Solid-wall flush mounting housing (KENPB LISU and KENPGP LISU) adequate for assembly on walls of: breezeblock, brick, stone...
- (4) Hollow-wall flush mounting (KENTB LISU and KENTGP LISU) adequate for assembly on walls of: Plasterboard, wood, plywood, plaster...

Pennant Lisu

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained:				
LISU-B P	1 h	70	LED	Green LED
LISU-B 2P	2 h	70	LED	Green LED
LISU-B 3P	3 h	70	LED	Green LED

Pennant Lisu A Specific for self-test.

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained A:				
LISU-B P A	1 h	70	LED	Green LED
LISU-B 2P A	2 h	70	LED	Green LED
LISU-B 3P A	3 h	70	LED	Green LED

Pennant Lisu TCA































Includes microprocessor for operating in Self-test mode and DaisaTest centralised management System.

TCA models can be supplied on request. **Check with the factory or our web site: www.daisalux.com**


Luminaires

Model	Voltage	Lamp	Lumens
LISU-B L	230V AC	LED	70

Finishes

Finish of:	Description	Marking																																
Colour	White (standard) Silver grey. Metallic dark grey.	----- (RAL9006) (GREY)																																
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Example of order:

20 units LISU-B 2P with "Exit right" on either side: RT1301  :
20 LISU-B 2P (RT1301)

Operation, common data and notes

- The device has two faces for light output (Two diffusers).
The sign comes placed on the diffuser. The resulting flux is 25%.
The size of the sign is 254x127 mm
- Signs with special diagrams are supplied. Enquire at factory.

Ceiling mounted Lisu

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained:				
LISU-AD P	1 h	70	LED	Green LED
LISU-AD 2P	2 h	70	LED	Green LED
LISU-AD 3P	3 h	70	LED	Green LED

Ceiling mounted A Specific por Self-test.

Model	Autonomy	Lumens	Light source	Charging monitor
Permanentes A:				
LISU-AD P A	1 h	70	LED	Green LED
LISU-AD 2P A	2 h	70	LED	Green LED
LISU-AD 3P A	3 h	70	LED	Green LED

Ceiling mounted TCA

Includes microprocessor for operating in Self-test mode and DaisaTest centralised management System.

TCA models can be supplied on request. **Check with the factory or our web site: www.daisalux.com**














Luminaires

Model	Voltage	Lamp	Lumens
LISU-AD L	230V AC	LED	70


Finishes

Finish of:	Description	Marking
Colour	White (standard) Silver grey. Metallic dark grey.	----- (RAL9006) (GREY)

Signs (RT...)(1)(2):

Description	Marking	Description	Marking
	(RT1301)		(RT1320)
	(RT1302)		(RT1323)
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	(RT1305)		(RT1325)
	(RT1306)		(RT1315)
	(RT1308)		(RT1316)
	(RT1309)		

Example of order:

30 units LISU-AD 3P with "Exit right" on either side RT1301  :
30 LISU-AD 3P (RT1301)

Operation, common data and notes

- (1) The device has two faces for light output (Two diffusers).
The sign comes placed on the diffuser. The resulting flux is 25%.
The size of the sign is 254x127 mm
- (2) Signs with special diagrams are supplied. Enquire at factory.

Suspended Lisu

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained:				
LISU-S P	1 h	70	LED	Green LED
LISU-S 2P	2 h	70	LED	Green LED
LISU-S 3P	3 h	70	LED	Green LED

Suspended Lisu A Specific for Self-test.

Model	Autonomy	Lumens	Light source	Charging monitor
Maintained A:				
LISU-S P A	1 h	70	LED	Green LED
LISU-S 2P A	2 h	70	LED	Green LED
LISU-S 3P A	3 h	70	LED	Green LED

Suspended Lisu TCA

Includes microprocessor for operating in Self-test mode and DaisaTest centralised management System.

TCA models can be supplied on request. **Check with the factory or our web site: www.daisalux.com**














Luminaires

Model	Voltage	Lamp	Lumens
LISU-S L	230V AC	LED	70


Finishes

Finish of:	Description	Marking
Colour	White (standard) Silver grey. Metallic dark grey.	----- (RAL9006) (GREY)

Signs (RT...)(1)(2):

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	(RT1305)		(RT1325)
	(RT1306)		(RT1315)
	(RT1308)		(RT1316)
	(RT1309)		

Example of order:

35 ud. LISU-S 3P with "Exit right" on either side RT1301  :
35 LISU-S 3P (RT1301)

Operation, common data and notes

- The device has two faces for light output (Two diffusers).
The sign comes placed on the diffuser. The resulting flux is 25%.
The size of the sign is 254x127 mm
- Signs with special diagrams are supplied. Enquire at factory.

More respectful towards the environment

Energy consumption

It incorporates LED technology to optimize signalling luminance, with less consumption, improving energy efficiency.

Maintenance

Reduction of maintenance costs:

- Use of light sources that allow longer life-span: 7 years versus 1-2 of a fluorescent tube.
- Improved battery life due to reduction of heat generated by the light source.

Residues

Use of NiMH batteries with less environmental impact.

Increase of the light source and battery life cycle.

Use of mercury-free light source.

Safety

Improvement of installation safety by increasing life cycle of its replaceable components (light sources and the battery).

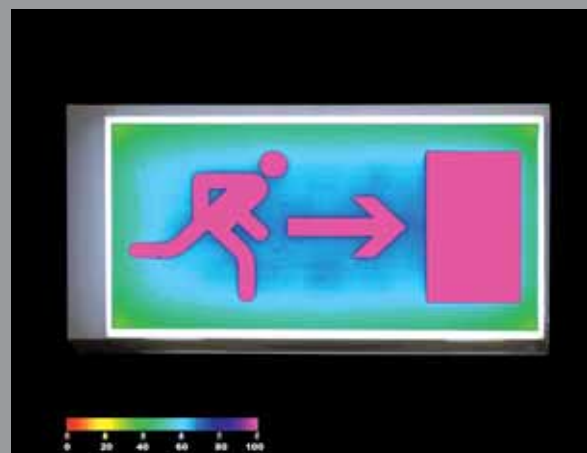
LED diodes, maximum visualization uniformity

A chromatic representation shows next to the real life photograph the luminance uniformity achieved by the Lisu series, throughout the sign, complying with the following standard:

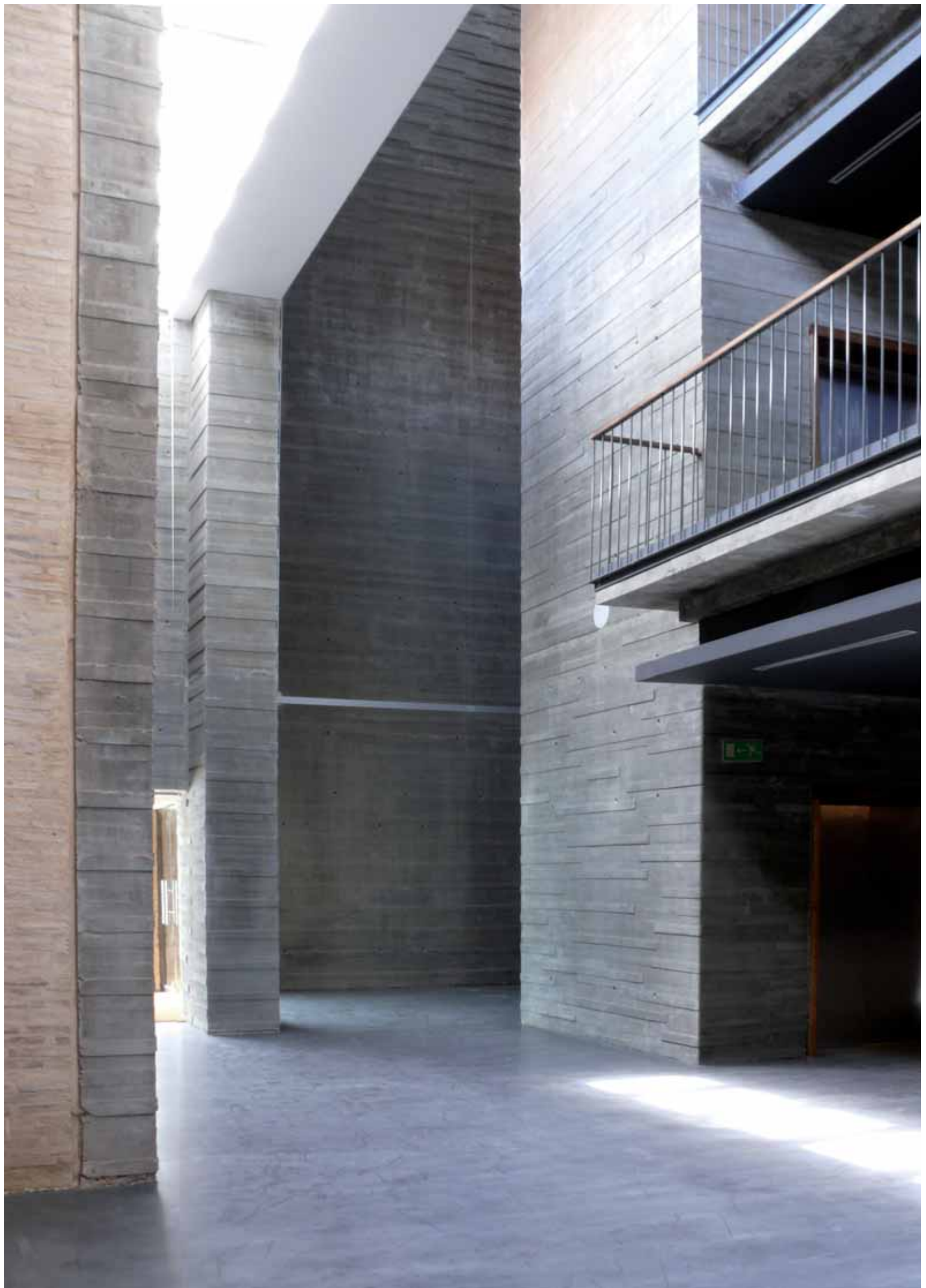
EN 60598-2-22, EN 1838 (The relation between white L luminance and Colour L luminance should not be less than 5:1 nor higher than 15:1).



Real photo:
Pennant Lisu Series.



0 ■ Represents the minimum Luminance.
100 ■ Represents the maximum Luminance.





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