



Types



Lichtverteilung

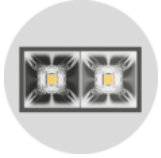


UNICO L2 / L3 basic

recessed

EN Rectangular recessed multi-downlight made of die-cast aluminium; equipped with two (L2) / three (L3) individually selectable or pre-specified, customised light elements; installation without tools in mounting set with ball catch system; easy electrical installation by means of reverse polarity protected plug-in connections; suitable for ceiling thickness of 2-25 mm; surface powder coated; installation possible in different housings; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

DE Rechteckiger Einbau-Multi-Downlight aus Aluminiumdruckguss; bestückt mit zwei (L2) / drei (L3) individuell wählbaren oder fix definierten, anwendungsspezifischen Optiken; werkzeuglose Montage im Montageset durch Kugelschnappsystem; einfache elektrische Montage durch verpolungssichere Steckverbindung; geeignet für Deckenstärken von 2-25 mm; Oberfläche pulverbeschichtet; Einbau in unterschiedlichen Gehäusen möglich; hochwertiger Reflektor mit mikrofacettierter, aluminiumbedampfter Oberfläche; präzise Abstrahlcharakteristik mit unterschiedlichen symmetrischen Lichtverteilungen; oder mit asymmetrischer Lichtverteilung; energieeffiziente High-Power-LEDs mit sehr guter Farbwiedergabe; klirrfrei



black & chrome reflector



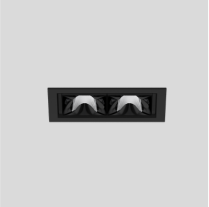
one luminaire multiple scenes



plug / socket connector



tunable white 2700 – 5000 K (optional)







UNICO L2 basic high efficient

CRI ≥ 90 · 2 SDCM · UGR ≤ 16 · cd/m² ≤ 3000 · 220-240 V · DALI 1 ADDR. · X-PERT

FLOOD ROUND 46°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.0 W	2700 K	663 lm	111 lm/W	0 9 0 - 7 L 2 9 ⇕ C 0 ◪ 3 1
	3000 K	663 lm	111 lm/W	0 9 0 - 7 L 2 0 ⇕ C 0 ◪ 3 1
	3500 K	690 lm	115 lm/W	0 9 0 - 7 L 2 2 ⇕ C 0 ◪ 3 1
	4000 K	704 lm	117 lm/W	0 9 0 - 7 L 2 1 ⇕ C 0 ◪ 3 1

WIDE FLOOD ROUND 71°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.0 W	2700 K	682 lm	114 lm/W	0 9 0 - 7 L 2 9 ⇕ D 0 ◪ 3 1
	3000 K	682 lm	114 lm/W	0 9 0 - 7 L 2 0 ⇕ D 0 ◪ 3 1
	3500 K	710 lm	118 lm/W	0 9 0 - 7 L 2 2 ⇕ D 0 ◪ 3 1
	4000 K	724 lm	121 lm/W	0 9 0 - 7 L 2 1 ⇕ D 0 ◪ 3 1

FLOOD SQUARE 54°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.0 W	2700 K	696 lm	116 lm/W	0 9 0 - 7 L 2 9 ⇕ F 0 ◪ 3 1
	3000 K	696 lm	116 lm/W	0 9 0 - 7 L 2 0 ⇕ F 0 ◪ 3 1
	3500 K	725 lm	121 lm/W	0 9 0 - 7 L 2 2 ⇕ F 0 ◪ 3 1
	4000 K	740 lm	123 lm/W	0 9 0 - 7 L 2 1 ⇕ F 0 ◪ 3 1

WIDE FLOOD SQUARE 71°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.0 W	2700 K	715 lm	119 lm/W	0 9 0 - 7 L 2 9 ⇕ G 0 ◪ 3 1
	3000 K	715 lm	119 lm/W	0 9 0 - 7 L 2 0 ⇕ G 0 ◪ 3 1
	3500 K	745 lm	124 lm/W	0 9 0 - 7 L 2 2 ⇕ G 0 ◪ 3 1
	4000 K	760 lm	127 lm/W	0 9 0 - 7 L 2 1 ⇕ G 0 ◪ 3 1







UNICO L2 basic

CRI ≥ 90 · UGR ≤ 10 · cd/m² ≤ 1500 · 220-240 V · DALI 1 ADDR. · X-PERT

SPOT ROUND 15°, chrome reflector, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	408 lm	56 lm/W	0 9 0 - 7 L 2 4 ⇕ K 0 0 2 1
	3000 K	435 lm	60 lm/W	0 9 0 - 7 L 2 5 ⇕ K 0 0 2 1
	4000 K	467 lm	64 lm/W	0 9 0 - 7 L 2 6 ⇕ K 0 0 2 1

Order options

CONTROL	⇕	COLOUR	◪	COLOUR	
non DIM	1	chrome reflector	0	jet black	RAL 9005
DALI-2	3	black reflector	B	traffic white	RAL 9016

NARROW MEDIUM ROUND 22°, chrome reflector, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	415 lm	57 lm/W	0 9 0 - 7 L 2 4 ⇕ N 0 0 2 1
	3000 K	442 lm	61 lm/W	0 9 0 - 7 L 2 5 ⇕ N 0 0 2 1
	4000 K	475 lm	65 lm/W	0 9 0 - 7 L 2 6 ⇕ N 0 0 2 1

MEDIUM ROUND 33°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	555 lm	76 lm/W	0 9 0 - 7 L 2 4 ⇕ B 0 ◪ 2 1
	3000 K	591 lm	81 lm/W	0 9 0 - 7 L 2 5 ⇕ B 0 ◪ 2 1
	4000 K	634 lm	87 lm/W	0 9 0 - 7 L 2 6 ⇕ B 0 ◪ 2 1

FLOOD ROUND 49°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	638 lm	87 lm/W	0 9 0 - 7 L 2 4 ⇕ C 0 ◪ 2 1
	3000 K	680 lm	93 lm/W	0 9 0 - 7 L 2 5 ⇕ C 0 ◪ 2 1
	4000 K	729 lm	100 lm/W	0 9 0 - 7 L 2 6 ⇕ C 0 ◪ 2 1

WIDE FLOOD ROUND 72°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	632 lm	87 lm/W	0 9 0 - 7 L 2 4 ⇕ D 0 ◪ 2 1
	3000 K	673 lm	92 lm/W	0 9 0 - 7 L 2 5 ⇕ D 0 ◪ 2 1
	4000 K	722 lm	99 lm/W	0 9 0 - 7 L 2 6 ⇕ D 0 ◪ 2 1

MEDIUM SQUARE 32°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	545 lm	75 lm/W	0 9 0 - 7 L 2 4 ⇕ E 0 ◪ 2 1
	3000 K	581 lm	80 lm/W	0 9 0 - 7 L 2 5 ⇕ E 0 ◪ 2 1
	4000 K	623 lm	85 lm/W	0 9 0 - 7 L 2 6 ⇕ E 0 ◪ 2 1

FLOOD SQUARE 56°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	648 lm	89 lm/W	0 9 0 - 7 L 2 4 ⇕ F 0 ◪ 2 1
	3000 K	691 lm	95 lm/W	0 9 0 - 7 L 2 5 ⇕ F 0 ◪ 2 1
	4000 K	741 lm	102 lm/W	0 9 0 - 7 L 2 6 ⇕ F 0 ◪ 2 1

RECTANGULAR MEDIUM 34°x69°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	562 lm	77 lm/W	0 9 0 - 7 L 2 4 ⇕ R 0 ◪ 2 1
	3000 K	600 lm	82 lm/W	0 9 0 - 7 L 2 5 ⇕ R 0 ◪ 2 1
	4000 K	643 lm	88 lm/W	0 9 0 - 7 L 2 6 ⇕ R 0 ◪ 2 1

Order options

CONTROL ⇕		COLOUR ◪		COLOUR	
non DIM	1	chrome reflector	0	jet black	RAL 9005
DALI-2	3	black reflector	B	traffic white	RAL 9016

WIDE FLOOD SQUARE 71°, CRI ≥ 90

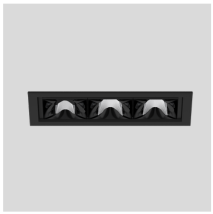
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	666 lm	91 lm/W	0 9 0 - 7 L 2 4 ◆ G 0 ◪ 2 1
	3000 K	710 lm	97 lm/W	0 9 0 - 7 L 2 5 ◆ G 0 ◪ 2 1
	4000 K	762 lm	104 lm/W	0 9 0 - 7 L 2 6 ◆ G 0 ◪ 2 1

WALLWASHER chrome reflector, CRI ≥ 90

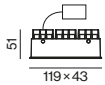
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	564 lm	77 lm/W	0 9 0 - 7 L 2 4 ◆ A 0 0 2 2
	3000 K	601 lm	82 lm/W	0 9 0 - 7 L 2 5 ◆ A 0 0 2 2
	4000 K	645 lm	88 lm/W	0 9 0 - 7 L 2 6 ◆ A 0 0 2 2

WALL FLOOR CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
7.3 W	2700 K	588 lm	81 lm/W	0 9 0 - 7 L 2 4 ◆ W 0 ◪ 2 2
	3000 K	627 lm	86 lm/W	0 9 0 - 7 L 2 5 ◆ W 0 ◪ 2 2
	4000 K	672 lm	92 lm/W	0 9 0 - 7 L 2 6 ◆ W 0 ◪ 2 2



110



UNICO L3 basic high efficient

CRI ≥90 · 2 SDCM · UGR ≤16 · cd/m² ≤3000 · 220-240 V · 1 ADDR. · X-PERT

FLOOD ROUND 46°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.8 W	2700 K	994 lm	113 lm/W	0 9 0 - 7 L 3 9 ◆ C 0 ◪ 3 1
	3000 K	994 lm	113 lm/W	0 9 0 - 7 L 3 0 ◆ C 0 ◪ 3 1
	3500 K	1040 lm	118 lm/W	0 9 0 - 7 L 3 2 ◆ C 0 ◪ 3 1
	4000 K	1060 lm	120 lm/W	0 9 0 - 7 L 3 1 ◆ C 0 ◪ 3 1

WIDE FLOOD ROUND 71°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.8 W	2700 K	1020 lm	116 lm/W	0 9 0 - 7 L 3 9 ◆ D 0 ◪ 3 1
	3000 K	1020 lm	116 lm/W	0 9 0 - 7 L 3 0 ◆ D 0 ◪ 3 1
	3500 K	1070 lm	122 lm/W	0 9 0 - 7 L 3 2 ◆ D 0 ◪ 3 1
	4000 K	1090 lm	124 lm/W	0 9 0 - 7 L 3 1 ◆ D 0 ◪ 3 1

FLOOD SQUARE 54°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.8 W	2700 K	1040 lm	118 lm/W	0 9 0 - 7 L 3 9 ◆ F 0 ◪ 3 1
	3000 K	1040 lm	118 lm/W	0 9 0 - 7 L 3 0 ◆ F 0 ◪ 3 1
	3500 K	1090 lm	124 lm/W	0 9 0 - 7 L 3 2 ◆ F 0 ◪ 3 1
	4000 K	1110 lm	126 lm/W	0 9 0 - 7 L 3 1 ◆ F 0 ◪ 3 1

Order options

CONTROL	◆	COLOUR	◪	COLOUR	
non DIM	1	chrome reflector	0	jet black	RAL 9005
DALI-2	3	black reflector	B	traffic white	RAL 9016

WIDE FLOOD SQUARE 71°, CRI ≥ 90

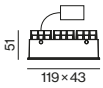
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.8 W	2700 K	1070 lm	122 lm/W	0 9 0 - 7 L 3 9 ◆ G 0 ◪ 3 1
	3000 K	1070 lm	122 lm/W	0 9 0 - 7 L 3 0 ◆ G 0 ◪ 3 1
	3500 K	1120 lm	127 lm/W	0 9 0 - 7 L 3 2 ◆ G 0 ◪ 3 1
	4000 K	1140 lm	130 lm/W	0 9 0 - 7 L 3 1 ◆ G 0 ◪ 3 1



UNICO L3 basic

CRI ≥ 90 · UGR ≤ 10 · cd/m² ≤ 1500 · 220-240 V · 1 ADDR. · X-PERT





SPOT ROUND 15°, chrome reflector, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	585 lm	60 lm/W	0 9 0 - 7 L 3 4 ◆ K 0 0 2 1
	3000 K	623 lm	64 lm/W	0 9 0 - 7 L 3 5 ◆ K 0 0 2 1
	4000 K	669 lm	68 lm/W	0 9 0 - 7 L 3 6 ◆ K 0 0 2 1

NARROW MEDIUM ROUND 22°, chrome reflector, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	594 lm	61 lm/W	0 9 0 - 7 L 3 4 ◆ N 0 0 2 1
	3000 K	633 lm	65 lm/W	0 9 0 - 7 L 3 5 ◆ N 0 0 2 1
	4000 K	680 lm	69 lm/W	0 9 0 - 7 L 3 6 ◆ N 0 0 2 1

MEDIUM ROUND 33°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	794 lm	81 lm/W	0 9 0 - 7 L 3 4 ◆ B 0 ◪ 2 1
	3000 K	847 lm	86 lm/W	0 9 0 - 7 L 3 5 ◆ B 0 ◪ 2 1
	4000 K	908 lm	93 lm/W	0 9 0 - 7 L 3 6 ◆ B 0 ◪ 2 1

FLOOD ROUND 49°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	913 lm	93 lm/W	0 9 0 - 7 L 3 4 ◆ C 0 ◪ 2 1
	3000 K	974 lm	99 lm/W	0 9 0 - 7 L 3 5 ◆ C 0 ◪ 2 1
	4000 K	1040 lm	106 lm/W	0 9 0 - 7 L 3 6 ◆ C 0 ◪ 2 1

WIDE FLOOD ROUND 72°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	905 lm	92 lm/W	0 9 0 - 7 L 3 4 ◆ D 0 ◪ 2 1
	3000 K	964 lm	98 lm/W	0 9 0 - 7 L 3 5 ◆ D 0 ◪ 2 1
	4000 K	1030 lm	105 lm/W	0 9 0 - 7 L 3 6 ◆ D 0 ◪ 2 1

Order options

CONTROL ◆		COLOUR ◪		COLOUR	
non DIM	1	chrome reflector	0	jet black	RAL 9005
DALI-2	3	black reflector	B	traffic white	RAL 9016

MEDIUM SQUARE 32°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	781 lm	80 lm/W	0 9 0 - 7 L 3 4 ⇕ E 0 ◪ 2 1
	3000 K	832 lm	85 lm/W	0 9 0 - 7 L 3 5 ⇕ E 0 ◪ 2 1
	4000 K	893 lm	91 lm/W	0 9 0 - 7 L 3 6 ⇕ E 0 ◪ 2 1

FLOOD SQUARE 56°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	929 lm	95 lm/W	0 9 0 - 7 L 3 4 ⇕ F 0 ◪ 2 1
	3000 K	990 lm	101 lm/W	0 9 0 - 7 L 3 5 ⇕ F 0 ◪ 2 1
	4000 K	1060 lm	108 lm/W	0 9 0 - 7 L 3 6 ⇕ F 0 ◪ 2 1

WIDE FLOOD SQUARE 71°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	954 lm	97 lm/W	0 9 0 - 7 L 3 4 ⇕ G 0 ◪ 2 1
	3000 K	1020 lm	104 lm/W	0 9 0 - 7 L 3 5 ⇕ G 0 ◪ 2 1
	4000 K	1090 lm	111 lm/W	0 9 0 - 7 L 3 6 ⇕ G 0 ◪ 2 1

WALLWASHER chrome reflector, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.8 W	2700 K	807 lm	82 lm/W	0 9 0 - 7 L 3 4 ⇕ A 0 0 2 1
	3000 K	861 lm	88 lm/W	0 9 0 - 7 L 3 5 ⇕ A 0 0 2 1
	4000 K	924 lm	94 lm/W	0 9 0 - 7 L 3 6 ⇕ A 0 0 2 1

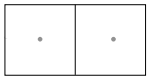
Order options

CONTROL ⇕		COLOUR ◪		COLOUR	
non DIM	1	chrome reflector	0	jet black	RAL 9005
DALI-2	3	black reflector	B	traffic white	RAL 9016

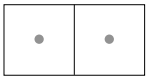
Planning Information

L2 RECESSED

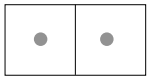
SPOT ROUND



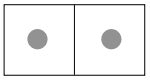
NARROW MEDIUM ROUND



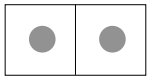
MEDIUM ROUND



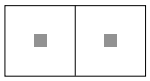
FLOOD ROUND



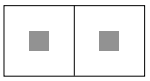
WIDE FLOOD ROUND



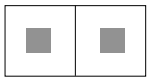
MEDIUM SQUARE



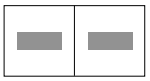
FLOOD SQUARE



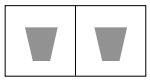
WIDE FLOOD SQUARE



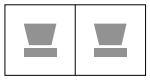
RECTANGULAR MEDIUM



WALLWASHER

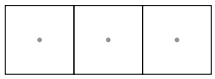


WALL + FLOOR

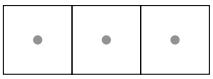


L3 RECESSED

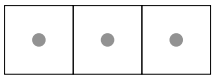
SPOT ROUND



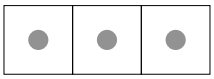
NARROW MEDIUM ROUND



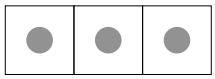
MEDIUM ROUND



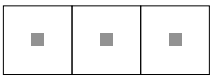
FLOOD ROUND



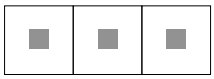
WIDE FLOOD ROUND



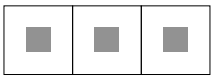
MEDIUM SQUARE



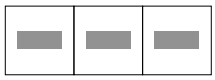
FLOOD SQUARE



WIDE FLOOD SQUARE



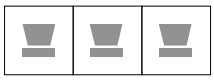
RECTANGULAR MEDIUM



WALLWASHER

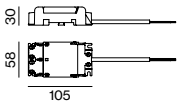


WALL + FLOOR



3x wallwasher floor

Electrical mounting accessories (optional)

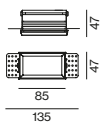


THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105·58·30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4 – 12 mm	105·58·30	0 0 5 - 2 5 5 1 1 1 0

Linect®-Ready

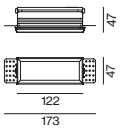
Mounting accessories (required)



MOUNTING SET trimless for plasterboard ceilings

PLASTERBOARD CEILING THICKNESS	L·W·H (mm)	ORDER CODE
12.5/15/20/25 mm	85·47·47	0 9 0 - 7 L 2 0 1 0 0

for UNICO L2 and UNICO wall recessed 1 lamp



MOUNTING SET trimless for plasterboard ceilings

PLASTERBOARD CEILING THICKNESS	L·W·H (mm)	ORDER CODE
12.5/15/20/25 mm	122·47·47	0 9 0 - 7 L 3 0 1 0 0

for UNICO L3



MOUNTING SET with trim for intermediate ceilings, 2-25 mm

COLOUR	L·W·H (mm)	ORDER CODE
jet black	101·63·30	0 9 0 - 7 L 2 0 2 0 B
traffic white	101·63·30	0 9 0 - 7 L 2 0 2 0 W

for UNICO L2 and UNICO wall recessed 1 lamp



MOUNTING SET with trim for intermediate ceilings, 2-25 mm

COLOUR	L·W·H (mm)	ORDER CODE
jet black	138·63·30	0 9 0 - 7 L 3 0 2 0 B
traffic white	138·63·30	0 9 0 - 7 L 3 0 2 0 W

for UNICO L3

Order options

COLOUR	
jet black	RAL 9005
traffic white	RAL 9016

Benaki Museum Shop, Navarino Agora

Griechenland

Architekt
STUDIOLAV and
Kostantia Manthou

Fotograf
Manos Chatzikonstantis



Verwendete Produkte



UNICO L2 / L3
recessed

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com


NELLY'S
NELLY'S





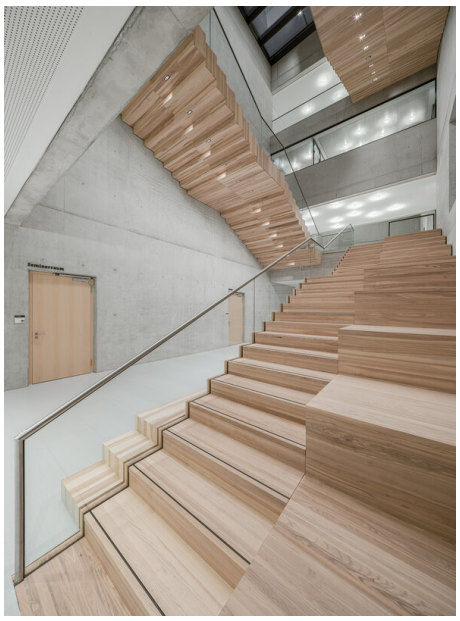

BENAKI
MUSEUM
SHOP

Forschungsbau Weltbeziehungen Universität Erfurt

Deutschland

Lighting Design
lichtraum

Fotograf
Steven Neukirch
Fotografie



Verwendete Produkte

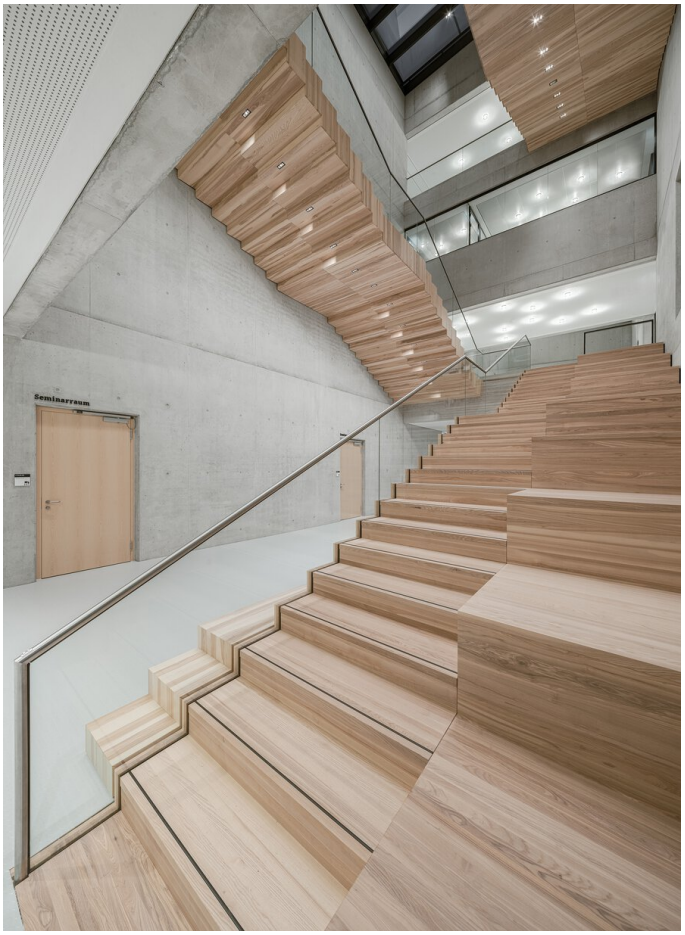


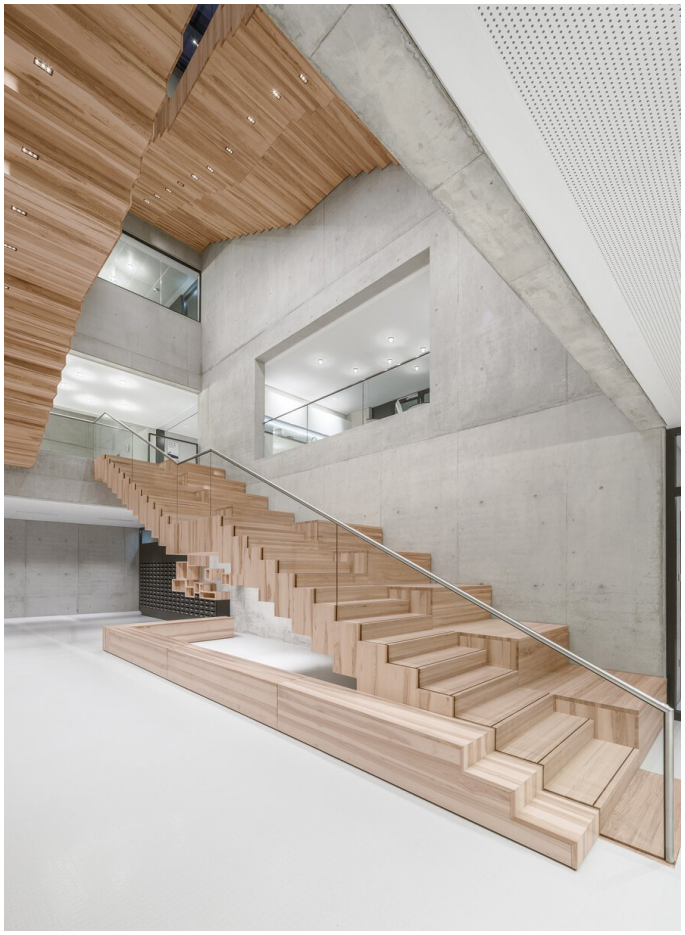
LENO surface



UNICO L2 / L3 recessed

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com


Seminarraum






Beratungsraum 02.46
Meeting Room