





Square recessed multi-downlight made of die-cast aluminum in various shapes; featuring individually selectable or pre-set, custom light optics; simple electrical installation with reverse polarity protected plug-in connectors; fits ceiling thicknesses from 0.1 to 1 inch (2-25 mm); surface powder-coated; compatible with different housing options; high-quality reflector with micro-faceted, aluminum-vaporized surface; delivers precise beam control with various symmetrical light patterns or asymmetric distribution; powered by energy-efficient, high-output LEDs with excellent color rendering; clank-free design

Luminaire characteristic	ceiling, recessed
	housing with trim
	up to 1311m/W
	IP20
LED	2700K, 3000K, 4000K
	CRI ≥ 90
	L90/50000h
	initial MacAdam≤3 SDCM
Optical	spot, medium, flood, wide flood lens optic
	UGR < 16, ≥ 65° < 3000 cd/m²
	wallwasher reflector optic
	wallwasher floor reflector optic
Material	body: die-cast aluminum
	reflector: polycarbonate
Mounting	remodel, new construction with plaster frame,
	new construction with housing for insulated
	ceiling or Chicago Plenum
Electrical	high efficiency LED driver with a lifetime of
	50000 hours, 120V or 277V
Dimming	0-10V (120-277V), range 5-100%
	leading edge (TRIAC, 120V only), range 5-100%
Finish	reflector: chrome, black
	trim: white, black
Warranty	5 year limited warranty







The technical data are rated values for an ambient temperature of 25°C. The information on luminous flux is subject to an initial tolerance of +/- 10%, that on electrical connected load to an initial tolerance of +/- 10% and that on colour temperature to an initial tolerance of +/- 150 Kelvin. No liability is accepted for printing errors. The general terms and conditions of XAL North America Inc. apply. © XAL North America Inc. • 801 Brickell Ave, Ste 800, Ofc 824 · Miami, FL 33131 · USA **Xal.c**

UNICO square recessed

Order information

Range	Shape	Mounting	LED	Application	Driver	Circuit	Confi- guration	Optic group 1	Optic group 2	Optic type	Finish trim
UN	Q4	RT	279	R	VU	1	Α	RM	RM	С	W
UNICO	2×2	recessed trim	2700K CRI 90	remodel	0-10V 120-277V UNV	1 circuit		round medium	round medium	reflector chrome	white
	Q9	_	309	Ν	T2	2	В	RF	RF	В	В
	3×3		3000K CRI 90	new construction	TRIAC 120V	2 circuits		round flood	round flood	reflector black	black
			409 4000K CRI 90	insulated ceiling housing			С	RW round wide flood	RW round wide flood		
				С			D	QM	QM		
				Chicago Plenum housing				square medium	square medium		
							E	QF	QF	-	
								square flood	square flood		
								QW	QW		
								square wide flood	square wide flood		
								AV	AV	-	
								asymmetric wallwasher	asymmetric wallwasher		
								AZ	AZ		
								asymmetric wallw./floor	asymmetric wallw./floor		
								AR	AR	-	
								asymmetric rectangular	asymmetric rectangular		

Configuration

Optics	Q4 square	Q9 square
O round/square		
↑ wallwasher orientation		A (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
rectangular orientation	B A A	
e :		
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1 circuit		
2 circuits	$\mathbf{D} \begin{array}{c c} \Box \uparrow & \bigcirc \uparrow & \bigcirc \Box & \bigcirc \bigcirc \\ \hline \leftarrow \Box & \leftarrow \bigcirc & \Box \bigcirc & \bigcirc \bigcirc \\ \hline \Box \bigcirc & \bigcirc & \bigcirc & \bigcirc \\ \hline \Box \bigcirc & \bigcirc & \bigcirc & \bigcirc \\ \hline \Box \bigcirc & \bigcirc & \bigcirc & \bigcirc \\ \hline \Box \bigcirc & \Box \bigcirc \\ \hline \Box \bigcirc & \bigcirc \\ \hline \Box \bigcirc & \Box \bigcirc \\ \hline \Box \bigcirc \hline \Box \bigcirc \hline \Box \bigcirc \\ \hline \Box \bigcirc \hline \Box \square \hline \Box \bigcirc \hline \Box \bigcirc \hline \Box \bigcirc \hline \Box \bigcirc \hline \Box \square \hline \Box \square \hline \Box \bigcirc \hline \Box \bigcirc \hline \Box \square \Box \square$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
Single circuit configurations use one driver. Double circuit configurations can use either		
one driver (shared) or two drivers (individual).		
Choose one circuit for unified control of all		
lights, or two circuits for independent control of different groups, such as separating wall-		
washers from spotlights in larger setups.		



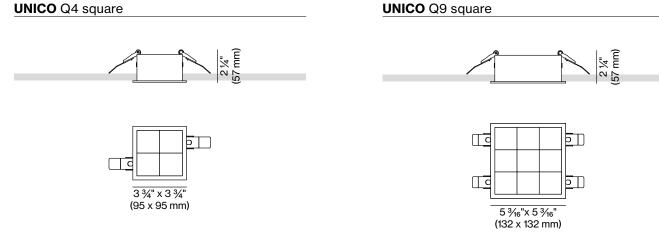
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2025-03-17 2/10 xal.com/na **UNICO** square

recessed

Dimensions

UNICO Q4 square



Date



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Installation information

Remodel

Housing for new or existing ceiling structure. Suitable for non-insulated ceilings (sheetrock, or paneling). Fixture is ready for remodeling installation. Housing can be shipped separately.

Ceiling thickness up to 1" (25.4 mm)



Туре	Cut-out dimension	Installation depth
UNICO Q4	3 %16" × 3 %16" (90 × 90 mm)	2 ¾" (60 mm)
UNICO Q9	5 $\frac{1}{8}$ " × 1 $\frac{15}{16}$ " (130 × 50 mm)	2 ⅔" (60mm)

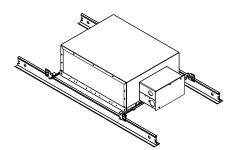
For power supply installation keep clearane of 300mm (1 ft.) behind the ceiling

Housing for insulated ceilings or chicago plenum

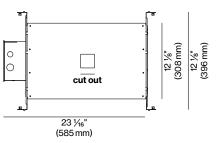
Housing with hanger bars system for new construction installations. Suitable for insulated ceilings, chicago plenum and airtight applications. Housing can be shipped seperately.

Ceiling thickness up to 1" (25.4 mm)

Hanger bars adjustment 16" to 24" (406 to 610 mm)







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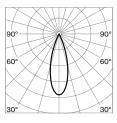
Туре	Cut-out dimension	Installation depth
UNICO L2	3 $\frac{9}{16}$ " × 1 $\frac{15}{16}$ " (90 × 50 mm)	5 ¹⁵ ⁄16" (151mm)
UNICO L3	5 1⁄8"×1 15⁄16" (130×50mm)	5 ¹⁵ ⁄16" (151mm)
UNICO L4	6 ½"×1 ¹⁵ ⁄16" (165×50 mm)	5 ¹⁵ ⁄16" (151mm)
UNICO L6	9 7/16"× 1 ¹⁵ /16" (240×50 mm)	5 ¹⁵ ⁄16" (151mm)



UNICO square

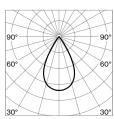
Photometric data

Floor optics



Medium round 2700K 3000K,

4000 K, CRI≥90 up to 319 lm up to 78 lm/W



up to 367 lm up to 90 lm/W

Wide flood

2700K 3000K,

4000 K, CRI≥90

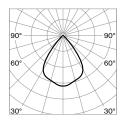
round

2700K 3000K,

4000 K, CRI≥90

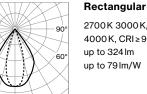
Flood

round



up to 89 lm/W

up to 363 lm

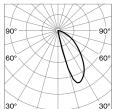


. 30°

2700K 3000K, 4000 K, CRI≥90 up to 324 lm up to 79 lm/W

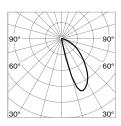
Wallwasher optics

60



Wallwasher

2700K 3000K, 4000 K, CRI≥90 up to 324 lm up to 79 lm/W



Wallwasher floor

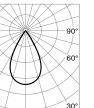
2700 K 3000 K, 4000 K, CRI≥90 up to 338 lm up to 82Im/W

UNICO square recessed, wallwasher

Туре	Power	LED	Luminous flux	Efficacy
Q4	12.3W	2700 K 3000 K 4000 K	up to 1460 lm	up to 118 lm/W
Q9	27.8W	2700 K 3000 K 4000 K	up to 3290 lm	up to 118 lm/W

Medium square

2700 K 3000 K, 4000 K, CRI≥90 up to 314 lm up to 77 lm/W



90

60

. 30°

90

60°

30°

Flood square

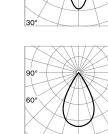
2700 K 3000 K, 4000 K, CRI≥90 up to 373 lm up to 91lm/W

Wide flood square

2700 K 3000 K, 4000 K, CRI≥90 up to 383 lm up to 93 lm/W

UNICO square recessed, floor

Туре	Power	LED	Luminous flux	Efficacy
Q4	12.3 W	2700 K 3000 K 4000 K	up to 1620 lm	up to 1311m/W
Q9	27.8W	2700 K 3000 K 4000 K	up to 3650 lm	up to 131lm/W



60

60

30

Date

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Date













Rectangular recessed multi-downlight made of die-cast aluminum in various shapes; featuring individually selectable or pre-set, custom light optics; simple electrical installation with reverse polarity protected plug-in connectors; fits ceiling thicknesses from 0.1 to 1 inch (2-25 mm); surface powder-coated; compatible with different housing options; high-quality reflector with micro-faceted, aluminum-vaporized surface; delivers precise beam control with various symmetrical light patterns or asymmetric distribution; powered by energy-efficient, high-output LEDs with excellent color rendering; clank-free design

Luminaire characteristic	ceiling, recessed			
	housing with trim			
	up to 1311m/W			
	IP20			
LED	2700K, 3000K, 4000K			
	CRI ≥ 90			
	L90/50000h			
	initial MacAdam≤3 SDCM			
Optical	spot, medium, flood, wide flood lens optic			
	UGR < 16, ≥ 65° < 3000 cd/m²			
	wallwasher reflector optic			
	wallwasher floor reflector optic			
Naterial	body: die-cast aluminum			
	reflector: polycarbonate			
Mounting	remodel, new construction with plaster frame,			
	new construction with housing for insulated			
	ceiling or Chicago Plenum			
lectrical	high efficiency LED driver with a lifetime of			
	50000 hours, 120V or 277V			
Dimming	0-10V (120-277V), range 5-100%			
	leading edge (TRIAC, 120V only), range 5-100%			
Finish	reflector: chrome, black			
	trim: white, black			
Warranty	5 year limited warranty			



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UNICO linear recessed

Range	Shape	Mounting	LED	Application	Driver	Circuit	Confi- guration	Optic group 1	Optic group 2	Optic type	Finish trim
UNICO	L2 1×2	RT recessed trim	279 2700K CRI 90	R remodel	VU 0-10V 120-277V UNV	1 1 circuit	A	RM round medium	RM round medium	C reflector chrome	W white
	L3 1×3		309 3000K CRI 90	N new construction	T2 TRIAC 120V	2 2 circuits	В	RF round flood	RF round flood	B reflector black	B black
	L4 1×4	_	409 4000K CRI 90	insulated ceiling housing			С	RW round wide flood	RW round wide flood		
	L6 1×6			C Chicago Plenum housing	-		D	QM square medium	QM square medium	_	
					-		E	QF square flood	QF square flood	_	
							F	QW square wide flood	QW square wide flood	_	
								AV asymmetric wallwasher	AV asymmetric wallwasher	_	
								AZ asymmetric wallw./floor	AZ asymmetric wallw./floor		
								AR asymmetric rectangular	AR asymmetric rectangular		

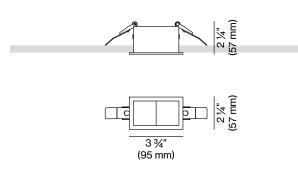
Configuration

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F $\land \land \Box \Box \lor \lor \lor$
L4 linear
A A A A A A A A A A A A A A A A A A A
$B \ \boxed{\uparrow \uparrow \downarrow \downarrow \downarrow}$
c mare made de la color
L3 linear L2 linear



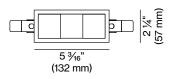
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UNICO L2 linear



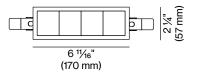
UNICO L3 linear





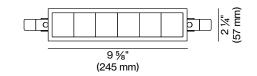
UNICO L4 linear





UNICO L6 linear







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Date

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Installation information

Remodel

Housing for new or existing ceiling structure. Suitable for non-insulated ceilings (sheetrock, or paneling). Fixture is ready for remodeling installation. Housing can be shipped separately.

Ceiling thickness up to 1" (25.4 mm)



Туре	Cut-out dimension	Installation depth
UNICO L2	3 $\frac{9}{16}$ " × 1 $\frac{15}{16}$ " (90 × 50 mm)	2 ¾" (60mm)
UNICO L3	5 $\frac{1}{8}$ " × 1 $\frac{15}{16}$ " (130 × 50 mm)	2 ¾" (60mm)
UNICO L4	6 ½"×1 ¹⁵ ⁄16" (165×50 mm)	2 ¾" (60mm)
UNICO L6	9 7_{16} "× 1 15_{16} " (240 × 50 mm)	2 ¾" (60 mm)

For power supply installation keep clearane of 300 mm (1 ft.) behind the ceiling

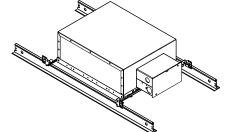
Housing for insulated ceilings or chicago plenum

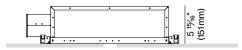
Housing with hanger bars system for new construction installations. Suitable for insulated ceilings, chicago plenum and airtight applications. Housing can be shipped seperately.

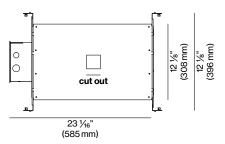
Ceiling thickness

up to 1" (25.4 mm)

Hanger bars adjustment 16" to 24" (406 to 610 mm)







Туре	Cut-out dimension	Installation depth
UNICO L2	3 $\frac{9}{16}$ " × 1 $\frac{15}{16}$ " (90 × 50 mm)	5 ¹⁵ ⁄16" (151mm)
UNICO L3	5 $\frac{1}{8}$ " × 1 $\frac{15}{16}$ " (130 × 50 mm)	5 ¹⁵ ⁄16" (151mm)
UNICO L4	6 $\frac{1}{2}$ " × 1 $\frac{15}{16}$ " (165 × 50 mm)	5 ¹⁵ ⁄16" (151mm)
UNICO L6	9 7⁄16"× 1 ¹⁵ ⁄16" (240 × 50 mm)	5 ¹⁵ ⁄16" (151mm)

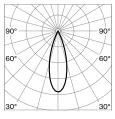


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Floor optics



Medium round 2700K 3000K,

4000 K, CRI≥90 up to 319 lm up to 78 lm/W

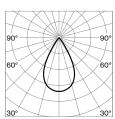
60

30

60

60

30



60

30

Wide flood

round

90

60

30°

Flood

round

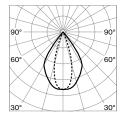
2700K 3000K,

4000K, CRI≥90

up to 367 lm

up to 90 lm/W

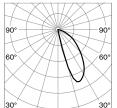
2700K 3000K, 4000 K, CRI≥90 up to 363 lm up to 89 lm/W



Rectangular

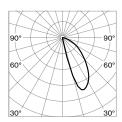
2700K 3000K, 4000 K, CRI≥90 up to 324 lm up to 79 lm/W

Wallwasher optics



Wallwasher

2700K 3000K, 4000 K, CRI≥90 up to 324 lm up to 79 lm/W



Wallwasher floor

2700 K 3000 K, 4000 K, CRI≥90 up to 338 lm up to 82Im/W

UNICO linear recessed, floor

Туре	Power	LED	Luminous flux	Efficacy
L2	6.4 W	2700 K 3000 K 4000 K	up to 810 lm	up to 127 lm/W
L3	9.6 W	2700 K 3000 K 4000 K	up to 1220 lm	up to 127 lm/W
L4	12.3 W	2700 K 3000 K 4000 K	up to 1620 lm	up to 131lm/W
L6	18.5 W	2700 K 3000 K 4000 K	up to 2430 lm	up to 131lm/W

Wide flood square

UNICO linear recessed, wallwasher

Туре	Power	LED	Luminous flux	Efficacy
L2	6.4W	2700 K 3000 K 4000 K	up to 680 lm	up to 106 lm/W
L3	9.6 W	2700 K 3000 K 4000 K	up to 1090 lm	up to 113 lm/W
L4	12.3 W	2700 K 3000 K 4000 K	up to 1460 lm	up to 118 lm/W
L6	18.5 W	2700 K 3000 K 4000 K	up to 2220 lm	up to 119 lm/W

Project/Type

Date



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90 60° 30°

Medium

square

2700 K 3000 K,

4000 K, CRI≥90

up to 314 lm

Flood

square

2700 K 3000 K, 4000 K, CRI≥90

up to 373 lm

up to 91lm/W

up to 77 lm/W

90

60

. 30°

90

60°

30°

2700 K 3000 K, 4000 K, CRI≥90 up to 383 lm up to 93 lm/W