

Spec Sheet





Under cabinet lighting
kitchen, bath room, workshop

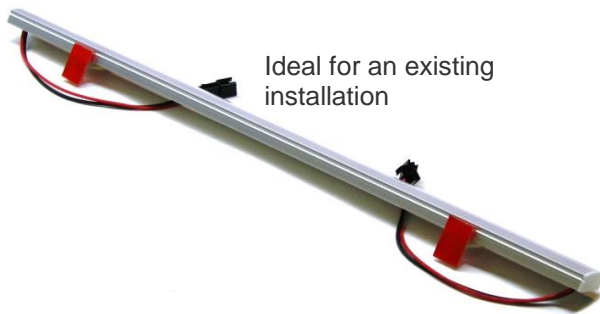


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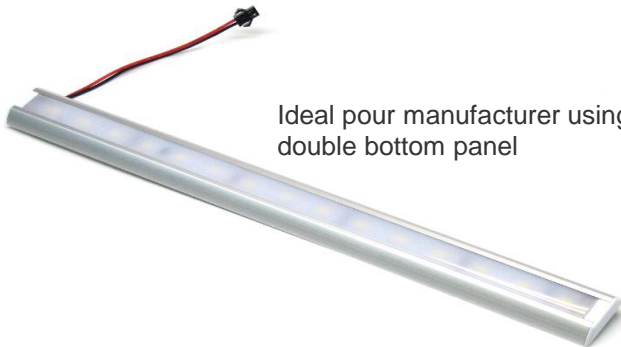


Installation on bottom trim
UC1 Series



Ideal for an existing installation

Surface mount on bottom panel
UC2 Series



Ideal pour manufacturer using a double bottom panel

Designed without compromise

Stylish and robust LED luminaires designed specifically for under cabinet applications. Almost invisible, it delivers all the light you'll need on the work surface. It includes our **Lineo Drive** technology which means superior efficiency and maximum light output.

- ▶ Linear lighting which minimize shadows
- ▶ Flexible system that is easy and quick to install
- ▶ Superior efficiency with **Lineo Drive** technology

General Technical Characteristics

Input supply range

24 Vdc (21 to 30 Vdc)

Color

4000K (neutral white)

Dimmable

Yes 100% - 0% with PWM dimmers

CRI (Ra)

≥90

Beam angle

120 degree

Lifetime

50 000 hours

Operating temperature

-30 C to 50 C

Built-in protection against:

- Over current (auto reset)
- Over temp (auto reset)

Warranty

3 years

Installation inside the under cabinet cavity or behind a bottom trim.



Ideal for an existing installation



Recessed mount on bottom panel
UC3 Series



Dimming

Fully dimmable (100% to 0%)
using a PWM dimmer.

Lineo Drive

Maximum Light Output - Maximum Efficiency - Minimum Size

The Technology:

Lineo Drive could be considered as an hybrid between constant voltage and constant current systems. Contrary to typical constant voltage Led bars we don't use resistors to regulate the LED current. Micro "LED Drivers" are embedded into each LED string at the printed circuit board level thus permitting:

1- Better efficiency

At equal light output **Lineo Drive** draws 35% less current then typical constant voltage Led bars.

2- 100% light output on a wide input supply range

With traditional constant voltage Led bars light output is proportional to the input voltage (less voltage = less light). With **Lineo Drive** full output is maintained through a very wide input range (see Fig. 1).

3- Maximum lifetime

The effectiveness of the system can be verified to the touch. Luminaires with Lineo Drive are much cooler than traditional systems with constant voltage. Furthermore, each LED is operated within a safety margin which maximizes the life of the system and assures a constant level of illumination over time.

One of the key feature of our **Lineo Drive** technology is that you get the full light output on the whole voltage input range.

Fig. 1 Light output vs Input voltage

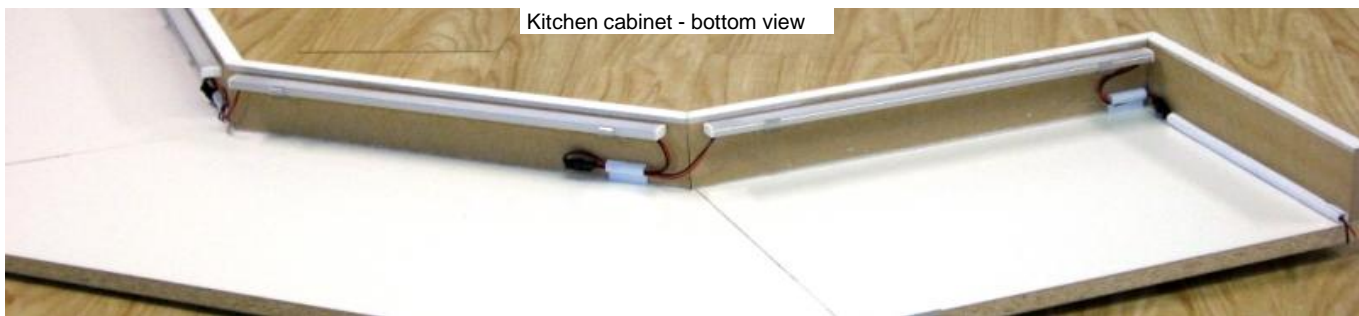
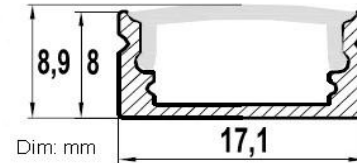
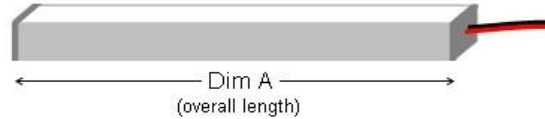
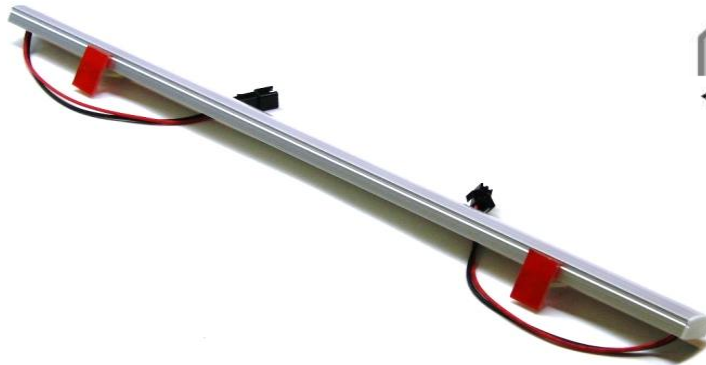
Input Voltage	Light output	Current draw (A)
30	100%	0,19
27	100%	0,19
24	100%	0,19
21	100%	0,19
20	58%	0,11
19	26%	0,05
18	5%	0,01



Thank You for using iLuxx lighting solutions

Do not hesitate to contact us if you have any questions. Tell us about your specific needs - Our mission is to provide the right lighting solution for you.

UC1 Series



Ideal choice for cabinets using a bottom trim.

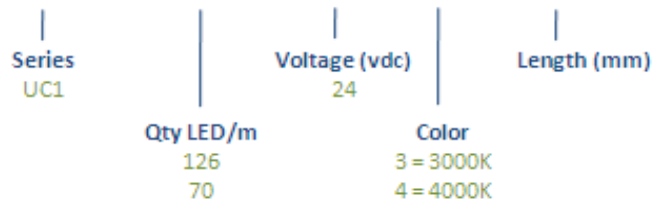
Technical Data:

Series	UC1	LED/Meter	126	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
5,5 / 140	90 mA	2,2 W	183 Lm	UC1-12624x-140	
7,7 / 195	135 mA	3,2 W	275 Lm	UC1-12624x-195	
9,8 / 250	180 mA	4,3 W	366 Lm	UC1-12624x-250	
12,0 / 305	225 mA	5,4 W	458 Lm	UC1-12624x-305	
14,2 / 360	270 mA	6,5 W	549 Lm	UC1-12624x-360	
16,3 / 415	315 mA	7,6 W	641 Lm	UC1-12624x-415	
18,5 / 470	360 mA	8,6 W	732 Lm	UC1-12624x-470	
20,7 / 525	405 mA	9,7 W	824 Lm	UC1-12624x-525	
22,8 / 580	450 mA	10,8 W	915 Lm	UC1-12624x-580	
25,0 / 635	495 mA	11,9 W	1007 Lm	UC1-12624x-635	
27,2 / 690	540 mA	13,0 W	1098 Lm	UC1-12624x-690	
29,3 / 745	585 mA	14,0 W	1190 Lm	UC1-12624x-745	
31,5 / 800	630 mA	15,1 W	1281 Lm	UC1-12624x-800	
33,7 / 855	675 mA	16,2 W	1373 Lm	UC1-12624x-855	
35,8 / 910	720 mA	17,3 W	1464 Lm	UC1-12624x-910	
38,0 / 965	765 mA	18,4 W	1556 Lm	UC1-12624x-965	

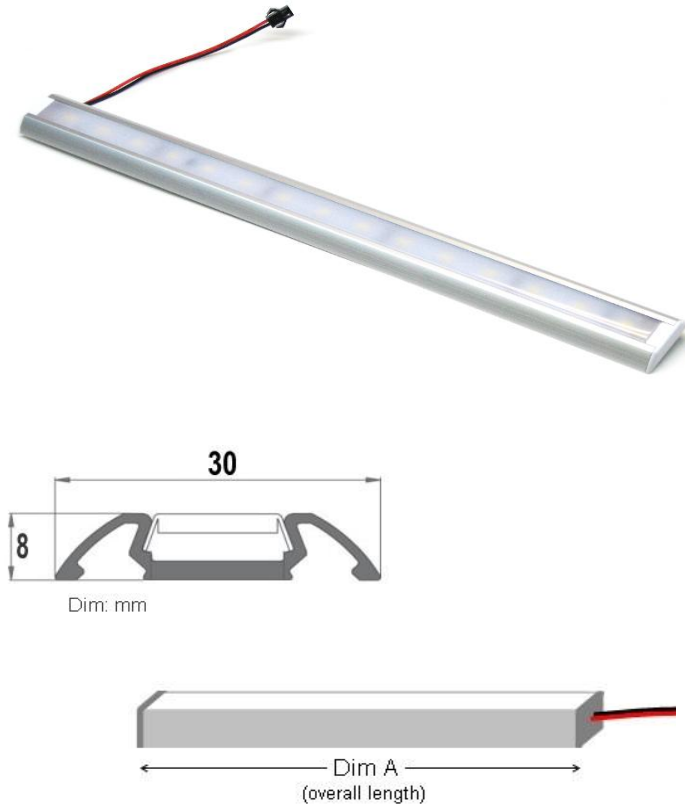
Technical Data:

Series	UC1	LED/Meter	70	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
4,9 / 125	55 mA	1,3 W	113 Lm	UC1-7024x-125	
8,9 / 225	110 mA	2,6 W	225 Lm	UC1-7024x-225	
12,8 / 325	165 mA	4,0 W	338 Lm	UC1-7024x-325	
16,7 / 425	220 mA	5,3 W	450 Lm	UC1-7024x-425	
20,7 / 525	275 mA	6,6 W	563 Lm	UC1-7024x-525	
24,6 / 625	330 mA	7,9 W	675 Lm	UC1-7024x-625	
28,5 / 725	385 mA	9,2 W	788 Lm	UC1-7024x-725	
32,5 / 825	440 mA	10,6 W	900 Lm	UC1-7024x-825	
36,4 / 925	495 mA	11,9 W	1013 Lm	UC1-7024x-925	

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UC2 Series



Kitchen cabinet - bottom view
Low profile luminaire with wiring completely concealed in a dual bottom panel. Excellent option for manufacturers.

Technical Data:

Series	UC2	LED/Meter	126	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
5,5 / 140	90 mA	2,2 W	183 Lm	UC2-12624xy-140	
7,7 / 195	135 mA	3,2 W	275 Lm	UC2-12624xy-195	
9,8 / 250	180 mA	4,3 W	366 Lm	UC2-12624xy-250	
12,0 / 305	225 mA	5,4 W	458 Lm	UC2-12624xy-305	
14,2 / 360	270 mA	6,5 W	549 Lm	UC2-12624xy-360	
16,3 / 415	315 mA	7,6 W	641 Lm	UC2-12624xy-415	
18,5 / 470	360 mA	8,6 W	732 Lm	UC2-12624xy-470	
20,7 / 525	405 mA	9,7 W	824 Lm	UC2-12624xy-525	
22,8 / 580	450 mA	10,8 W	915 Lm	UC2-12624xy-580	
25,0 / 635	495 mA	11,9 W	1007 Lm	UC2-12624xy-635	
27,2 / 690	540 mA	13,0 W	1098 Lm	UC2-12624xy-690	
29,3 / 745	585 mA	14,0 W	1190 Lm	UC2-12624xy-745	
31,5 / 800	630 mA	15,1 W	1281 Lm	UC2-12624xy-800	
33,7 / 855	675 mA	16,2 W	1373 Lm	UC2-12624xy-855	
35,8 / 910	720 mA	17,3 W	1464 Lm	UC2-12624xy-910	
38,0 / 965	765 mA	18,4 W	1556 Lm	UC2-12624xy-965	

Technical Data:

Series	UC2	LED/Meter	70	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
4,9 / 125	55 mA	1,3 W	113 Lm	UC2-7024xy-125	
8,9 / 225	110 mA	2,6 W	225 Lm	UC2-7024xy-225	
12,8 / 325	165 mA	4,0 W	338 Lm	UC2-7024xy-325	
16,7 / 425	220 mA	5,3 W	450 Lm	UC2-7024xy-425	
20,7 / 525	275 mA	6,6 W	563 Lm	UC2-7024xy-525	
24,6 / 625	330 mA	7,9 W	675 Lm	UC2-7024xy-625	
28,5 / 725	385 mA	9,2 W	788 Lm	UC2-7024xy-725	
32,5 / 825	440 mA	10,6 W	900 Lm	UC2-7024xy-825	
36,4 / 925	495 mA	11,9 W	1013 Lm	UC2-7024xy-925	

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Series
UC2

Qty LED/m
126
70

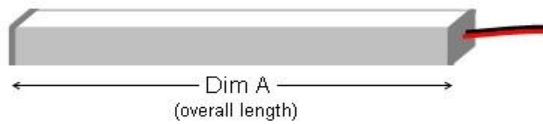
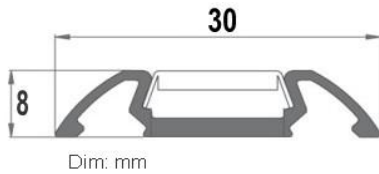
Voltage
(vdc)
24

Color
3 = 3000K
4 = 4000K

Connectivity
D = input + output
S = input

Length (mm)
135

UC2A Series



Kitchen cabinet - bottom view



Low Profile luminaire and wiring system for an unmatched discretion and flexibility.

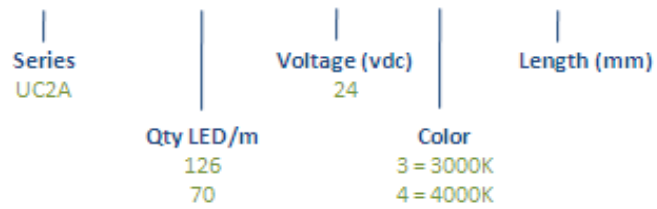
Technical Data:

Series	UC2A	LED/Meter	126	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
5,5 / 140	90 mA	2,2 W	183 Lm	UC2A-12624x-140	
7,7 / 195	135 mA	3,2 W	275 Lm	UC2A-12624x-195	
9,8 / 250	180 mA	4,3 W	366 Lm	UC2A-12624x-250	
12,0 / 305	225 mA	5,4 W	458 Lm	UC2A-12624x-305	
14,2 / 360	270 mA	6,5 W	549 Lm	UC2A-12624x-360	
16,3 / 415	315 mA	7,6 W	641 Lm	UC2A-12624x-415	
18,5 / 470	360 mA	8,6 W	732 Lm	UC2A-12624x-470	
20,7 / 525	405 mA	9,7 W	824 Lm	UC2A-12624x-525	
22,8 / 580	450 mA	10,8 W	915 Lm	UC2A-12624x-580	
25,0 / 635	495 mA	11,9 W	1007 Lm	UC2A-12624x-635	
27,2 / 690	540 mA	13,0 W	1098 Lm	UC2A-12624x-690	
29,3 / 745	585 mA	14,0 W	1190 Lm	UC2A-12624x-745	
31,5 / 800	630 mA	15,1 W	1281 Lm	UC2A-12624x-800	
33,7 / 855	675 mA	16,2 W	1373 Lm	UC2A-12624x-855	
35,8 / 910	720 mA	17,3 W	1464 Lm	UC2A-12624x-910	
38,0 / 965	765 mA	18,4 W	1556 Lm	UC2A-12624x-965	

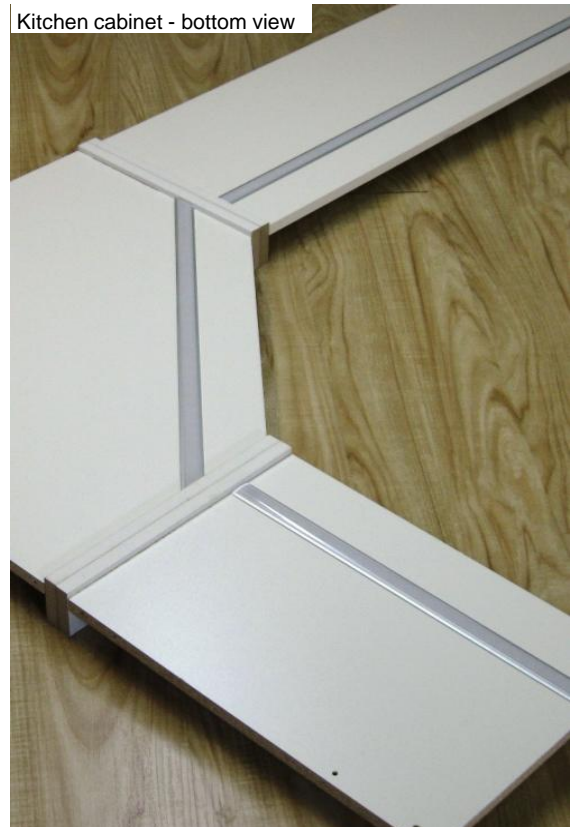
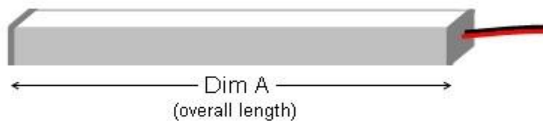
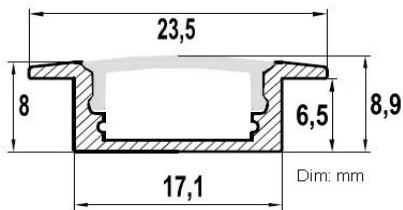
Technical Data:

Series	UC2A	LED/Meter	70	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
4,9 / 125	55 mA	1,3 W	113 Lm	UC2A-7024x-125	
8,9 / 225	110 mA	2,6 W	225 Lm	UC2A-7024x-225	
12,8 / 325	165 mA	4,0 W	338 Lm	UC2A-7024x-325	
16,7 / 425	220 mA	5,3 W	450 Lm	UC2A-7024x-425	
20,7 / 525	275 mA	6,6 W	563 Lm	UC2A-7024x-525	
24,6 / 625	330 mA	7,9 W	675 Lm	UC2A-7024x-625	
28,5 / 725	385 mA	9,2 W	788 Lm	UC2A-7024x-725	
32,5 / 825	440 mA	10,6 W	900 Lm	UC2A-7024x-825	
36,4 / 925	495 mA	11,9 W	1013 Lm	UC2A-7024x-925	

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UC3 Series



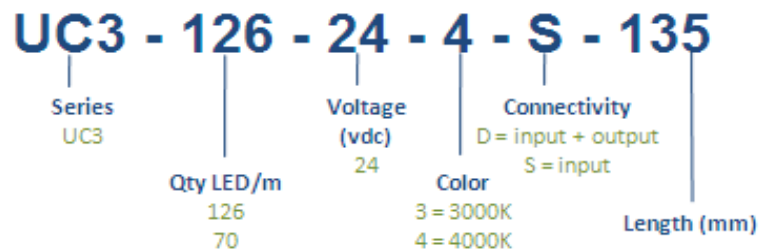
Custom length and shape to match perfectly the cabinet. Excellent option for manufacturers.

Technical Data:

Series	UC3	LED/Meter	126	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
140 / 194	90 mA	2,2 W	183 Lm	UC3-12624xy-zzz	
195 / 249	135 mA	3,2 W	275 Lm	UC3-12624xy-zzz	
250 / 304	180 mA	4,3 W	366 Lm	UC3-12624xy-zzz	
305 / 359	225 mA	5,4 W	458 Lm	UC3-12624xy-zzz	
360 / 414	270 mA	6,5 W	549 Lm	UC3-12624xy-zzz	
415 / 469	315 mA	7,6 W	641 Lm	UC3-12624xy-zzz	
470 / 524	360 mA	8,6 W	732 Lm	UC3-12624xy-zzz	
525 / 579	405 mA	9,7 W	824 Lm	UC3-12624xy-zzz	
580 / 634	450 mA	10,8 W	915 Lm	UC3-12624xy-zzz	
635 / 689	495 mA	11,9 W	1007 Lm	UC3-12624xy-zzz	
690 / 744	540 mA	13,0 W	1098 Lm	UC3-12624xy-zzz	
745 / 799	585 mA	14,0 W	1190 Lm	UC3-12624xy-zzz	
800 / 854	630 mA	15,1 W	1281 Lm	UC3-12624xy-zzz	
855 / 909	675 mA	16,2 W	1373 Lm	UC3-12624xy-zzz	
910 / 964	720 mA	17,3 W	1464 Lm	UC3-12624xy-zzz	
965 / 995	765 mA	18,4 W	1556 Lm	UC3-12624xy-zzz	

Technical Data:

Series	UC3	LED/Meter	70	Voltage	24
Dim A (in/mm)	Current Draw	Power (Watt)	Lumen	Part No	
125 / 224	55 mA	1,3 W	113 Lm	UC3-7024xy-zzz	
225 / 324	110 mA	2,6 W	225 Lm	UC3-7024xy-zzz	
325 / 424	165 mA	4,0 W	338 Lm	UC3-7024xy-zzz	
425 / 524	220 mA	5,3 W	450 Lm	UC3-7024xy-zzz	
525 / 624	275 mA	6,6 W	563 Lm	UC3-7024xy-zzz	
625 / 724	330 mA	7,9 W	675 Lm	UC3-7024xy-zzz	
725 / 824	385 mA	9,2 W	788 Lm	UC3-7024xy-zzz	
825 / 924	440 mA	10,6 W	900 Lm	UC3-7024xy-zzz	
925 / 995	495 mA	11,9 W	1013 Lm	UC3-7024xy-zzz	



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