LEDsGO®

PRODUCTOVERVIEW

LEDsGO stands for expertise in light and connectivity.

We offer you a **total solution** for all applications concerning **wireless control** of your motorized and/or sensor controlled equipment or lighting. In addition, we have an excellent range of **in-house developed LED solutions** to incorporate into this total solution.

YOUR PARTNER IN LIGHT & CONNECTIVITY



Follow us on LinkedIn





We share our expertise in light and connectivity with **manufacturers, engineering offices, installers,...**

YOUR PROJECT OUR EXPERTISE

Our aim is **to make connectivity accessible for everyone**!

That's why we work hand in hand with your engineering team to **tailor your needs**!

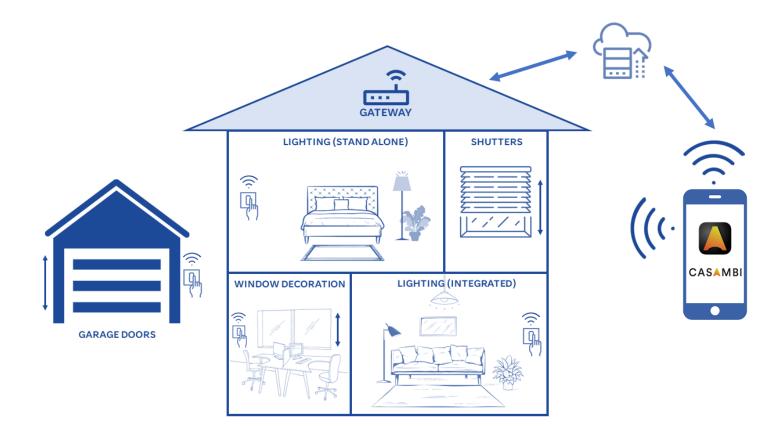
HOME AUTOMATION BY CASAMBI

Controlling your building has never been so easy!

With the Casambi home automation modules, controlling your lights, shutters and shading is done wireless via Bluetooth technology.

Connect the Casambi component you need to your device, **install** the app and you are **ready** to go!

Simply connect with LEDsGO to see how you can improve your installation! We will guide you through the process and offer you the suited solution for your needs!





Functionality

Image: Comparison of the second of the se

PART 1 CASAMBI COMPONENTS



Bluetooth controllable dimmer - CBU-TED

Ref: 164 19 24 09 884

CASANABI I I N N I R OO

CBU-TED is a Bluetooth controllable, Casambi enabled trailing-edge. It can be installed behind a traditional wall switch, inside a luminaire or into a ceiling outlet box. Maximum allowable ambient temperature must be observed (see technical datasheet).

Input	Max. output current	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
85-240 VAC 50-60 Hz	0,65 A	30 mtr*	2,4 - 2,480 MHz	+4 dBm	IP20

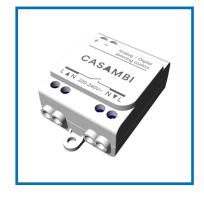
<u>Dimensions</u>: 40,4 x 36,2 x 14,0 mm <u>Weight</u>: 15 gr

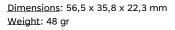
Control unit for 0/1-10V or dali - CBU-ASD

Ref: 164 19 24 09 70

CBU-ASD is a wireless control unit for LED drivers with 0-10V, 1-10V or DALI dimming interface. The control output can be configured either as analogue 0-10V (and 1-10V) or as a digital standalone DALI control interface.

Input	Max. output	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
220-240VAC 50 Hz 0,6A	0-10V : 0-10 VDC Dali: 9-12 VDC	30 mtr*	2,4 - 2,480 MHz	+4 dBm	IP20







Bluetooth controllable DALI controller - CBU-DCS

Ref: 164 19 24 09 60

CBU-DCS is a Bluetooth controllable, Casambi enabled DALI controller. CBU-DCS does not have its own power supply. Instead, it is powered directly from a DALI bus.

Input	Max. DALI bus current	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
9,5 - 22,5 VDC	250 mA	30 mtr*	2,4-2,480 MHz	+4 dBm	IP20

<u>Dimensions</u>: 40,4 x 36,3 x 14,0 mm <u>Weight</u>: 15 gr

Bluetooth controllable dimmer - CBU-PWM4

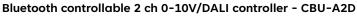
Ref: 164 19 24 10 93

CBU-PWM4 is a Bluetooth controllable, Casambi enabled four channel PWM dimmer for constant voltage LED loads, such as LED strips and constant voltage LED modules. It is connected between a 12-24 VDC power supply and the constant voltage LED load.

Input	Max. output	Bluetooth range in	Radio fre- quency	Max. output power radio	IP-rating
12-24 VDC	Power: 144W(24VDC) Power: 72W(12VDC) Current: 6 A	30 mtr*	2,4 - 2,480 MHz	+4 dBm	IP20

<u>Dimensions</u>: 72,6 x 30,0 x 18,0 mm <u>Weight</u>: 23 gr





Ref: 164 19 24 09 50

Case and

CBU-A2D can control one or two 0-10V controllable LED drivers, or it can control a tunable white LED driver with two 0-10V control interfaces. The product can also be configured into a DALI mode where it can be connected to a DALI LED driver or DALI sensor for the presence and/or daylight harvesting functions.

Input	Output voltage	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
100-240 VAC @ 50-60 Hz	0-12VDC	30 mtr*	2,4 - 2,480 MHz	+4 dBm	IP20

<u>Dimensions</u>: 76,0 x 26,0 x 23,0 mm <u>Weight</u>: 40 gr

Bluetooth controllable 2ch 0-10V controller - CBU-ASR

Ref: 164 19 24 09 51

CBU-ASR is a multi-purpose wireless control unit. It has two 0-10 VDC outputs. For tunable white applications, it is an ideal match for one or two-channel dim-to-off drivers that provide auxiliary power. It can also be used with industry-standard power packs to turn on and off large electrical loads.

Input	Max. output	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
12-24VDC	0-10V : 0-10 VDC Relay: 12-24 VDC	30 mtr*	2,4 - 2,480 MHz	Typ. +0 dBm, +/- 3 dBm	IP20



<u>Dimensions</u>: 72,6 x 30,0 x 18,0 mm <u>Weight</u>: 23 gr



Casambi Xpress switch Ref: 164 19 24 08 10 - black version 164 19 24 08 11 - white version

Xpress is a wireless user interface that can be configured via the Casambi app. The four target buttons can control a scene or an animation of the user's choise or simply one luminaire, one luminaire group or all lamps together if so desired.

> <u>Battery:</u> CR2430 Lithium-Ion <u>Battery life:</u> 2-5 years, depending on usage <u>Range*:</u> up to 60m in open air

Mounting: wall bracket

<u>Dimensions</u>: 90 x 90 x 12 mm <u>Weight</u>: 25 gr

PART 2 CASAMBI BASED

GO[®]

CASAMBI BASED PRODUCTS



4 channel push button interface - battery powered

Ref: 164 19 24 10 45

This interface is designed to connect any 'normal open' push button to a Casambi network. The box is small enough to fit any wall box. The battery enables you to fit it in every situation (also renovation with existing wiring).

Power	Max switch current	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
CR2450 - 3V	0,2 mA	40 mtr*	2,4 - 2,480 GHz	+4 dBm	IP20

<u>Dimensions</u>: 38,0 x 38,0 x 15,0 mm <u>Weight</u>: 50 gr

4 channel push button interface - 24V powered

Ref: 164 19 24 10 46

This interface is designed to connect any 'normal open' push button to a Casambi network. The box is small enough to fit any wall box. In comparison to the battery version, here you need a 24V powering which is excellent when this module is not easy to reach after installation.

Power	Max. switch current	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
24VDC 10mA	0,2mA	40 mtr*	2,4 - 2,480 GHz	+4 dBm	IP20



<u>Dimensions</u>: 38,0 x 38,0 x 15,0 mm <u>Weight</u>: 50 gr



Casambi gateway

Ref: 164 19 24 10 80

This device features Qualcomm Snapdragon 410 processor, a Quadcore ARM® Cortex™ A53 at up to 1.2GHz clock speed per core, capable of 32-bit and 64-bit operation. It supports Android and offers advanced processing power, WLAN, Bluetooth, GPS, and popular RF modules with usb interface. Pre-installed Cassambi APK enables quick setup into your network.

Key features: Bluetooth 4.1, Android 6.0, 2GB Memory/storage, HDMI, USB 2.0

<u>Power:</u> +6,5V to +18V <u>Dimensions</u>: 122 x 70 x 22 mm

0-10V Dimming interface with 5A relais

Ref: 164 19 24 09 810

This is a wireless control unit for LED drivers with 0-10V. The strength of this module is the relay that is integrated and the high output of 5A that can be generated.

Input	Relay contact	0-10V bus	Radio frequency	Max. output power radio	IP-rating
100 - 240 VAC 50/60 Hz	Max. current: 5A Contact V: 240VAC	Sourcing: 40mA Syncing: 20mA	2,4 - 2,480 GHz	+4 dBm	IP20



<u>Dimensions</u>: 104 x 51 x 29 mm <u>Weight</u>: 100 gr

CASAMBI BASED PRODUCTS

Outdoor Casambi repeater 24VDC

Ref: 164 19 24 12 17



Having issues in range outdoors? This repeater enables you to close the gap between 2 modules that are too far	
away from each other.	

Input	Max power input	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
24 V	72 mW	30 mtr*	2,4 - 2,485 GHz	+4 dBm	IP65
Dimensions: DIA	47,0 x 15,0 mm	Wiring: 22A	WG RED & BLACK	, 700mm long + 10n	nm stripped

<u>Weight</u>: 220 gr

<u>Wiring</u>: 22AWG RED & BLACK, 700mm long + 10mm stripped <u>Mount</u>: Screw M12/Roof with a slotted nut (can go in and out easily even after the wiring connections)

Compact PWM 2 channel Casambi ready dimmer

Ref: 164 19 24 26 59

Casambi ready controller to be used with monochrome types and tunable white types of LEDflex. This module also has a push button connection so you can control the connected LED lights.

Input	Output	Push button input	Radio frequency	Max. output power radio	IP-rating
12 - 24Vdc	4A	0.2 mA @ 24VDC	2,4 - 2,483 Ghz	+4 dBm	IP20

Compared purch function dimense of the first state

<u>Dimensions</u>: 90,0 x 22,0 x 17,0 mm <u>Weight</u>: 60 gr

PWM 4 channel Casambi ready dimmer (all in one)

Ref: 164 19 24 10 56

Designed to be used with several types of LED-flex. It can also be used to control constant voltage driven LED lighting. You can choose to adjust the settings to the type of product: monochrome, tunable white, RGB & RGBW!

Input	Output	Bluetooth range indoor	Radio frequency	Max. output power radio	IP-rating
12-24 Vdc	4A per channel	40 mtr*	2,4 - 2,480 GHz	+4 dBm	IP20

<u>Dimensions</u>: 90,0 x 70,0 x 32,0 mm

<u>Weight</u>: 100 gr

Mounting: DIN rail

Driver for 48V Stucchi track adapter with integrated BT module

Ref: 161 03 99 04 37

Constant current driver to integrate in 48V Stucchi track adapter with integrated Casambi module. This allows you to have direct control per luminaire on a 48V track. This makes commissioning very easy!

Possible to choose between 300, 350, 500 and 700mA.

Dimensions: 125 x 9 x 8 mm



CASAMBI BASED PRODUCTS

4 CH PWM Dimmer compact Casambi Ready

Ref: 164 19 24 26 61



Casambi ready LED controller/dimmer which is designed to be used with several types of LED in a very compact version! Easy to build in profiles, stretched products,...

Dimensions: 110,0 x 10,0 x 4,0 mm

Casambi Design and build

We can create a Casambi module according to your needs.

Adaptations in the standard Casambi configurations like change of frequency, adaptation of dimming curve,...

Does this sound interesting to you? Feel free to get in contact with us!



PART 3 LIGHTING SOLUTIONS

LIGHTING SOLUTIONS

We offer a wide range of high quality lighting solutions.

- LEDflex
- LEDstrip
- Neonflex
- LED profiles
- Custom PCB design
- Filament LED Bulbs
- LED modules

LIGHTING SOLUTIONS

Ledflex indoor use

Monochrome white (standard length 5 meters on reel)

	Qty leds/m	System power W/m	Light output Lumen/m	Color temp K	Width mm	Cuttable each mm
13-2040140	140	15	555	4000	8	50
13-2040210	210	10	1070	4000	10	33.3
13-2040128	128	15	1860	4000	10	62.5
13-2040160	160	20	2460	4000	10	50
13-2030140	140	15	545	3000	8	50
13-2030210	210	10	1040	3000	10	33.3
13-2030128	128	15	1815	3000	10	62.5
13-2030160	160	20	2440	3000	10	50
13-2027140	140	15	535	2700	8	50
13-2027210	210	10	1010	2700	10	33.3
13-2027128	128	15	1740	2700	10	62.5
13-2027160	160	20	2320	2700	10	50

Tunable white (standard length 5 meters on reel)

	Qty leds/m	System po- wer W/m	Light output Lumen/m	Color temp K	Width mm	Cuttable each mm
21030 0020	224	18	1460	1800 - 3000	10	62.5
13-202765224 TW	224	19,92	1116-2160	2700 – 6000	10	71.43

RGB & RGBTW (standard length 5 meters on reel)

	Qty leds/m	System po- wer W/m	Light output Lumen/m	Color temp K	Width mm	Cuttable each mm
13-2000120 RGB	120	11	65-430	RGB	8	50
13-20002765 RGBTW	288	17.5	31 - 820	RGB	12	62.5

LIGHTING SOLUTIONS

Ledflex outdoor use

Monochrome white (standard length 5 meters on reel)

	Qty leds/m	System power W/m	Light output Lumen/m	Color temp K	Width mm	Cuttable each mm
13-6540140	140	5	550	4000	11	50
13-6540210	210	10	1050	4000	13	33.3
13-6540128	128	15	1830	4000	13	62.5
13-6530140	140	5	520	3000	11	50
13-6530210	210	10	1010	3000	13	33.3
13-6530128	128	15	1740	3000	13	62.5
13-6527140	140	5	515	2700	11	50
13-6527210	210	10	1000	2700	13	33.3
13-6527128	128	15	1695	2700	13	62.5

RGB (standard length 5 meters on reel)

	Qty	System	Light output	Color temp	Width	Cuttable each
	leds/m	power W/m	Lumen/m	K	mm	mm
13-6500120 RGB	120	11	65-430	RGB	10	50



LEDsGO

LIGHTING SOLUTIONS

Continuous ledflex indoor (standard length 5 meters on reel)

	Qty leds/m	System power W/m	Light output Lumen/m	Color temp K	Width mm	Cuttable each mm
13-2040 COB	Continuous	8	660	4000	8	25
13-2030 COB	Continuous	8	640	3000	8	25
13-2027 COB	Continuous	8	630	2700	8	25

Continuous ledflex outdoor (standard length 5 meters on reel)

	Qty leds/m	System power W/m	Light output Lumen/m	Color temp K	Width mm	Cuttable each mm
13-6540 COB	Continuous	8	660	4000	10	25
13-6530 COB	Continuous	8	640	3000	10	25
13-6527 COB	Continuous	8	630	2700	10	25



Neonflex (standard length 5 meters on reel)

INCOT	Neonflex side-bending	4*10 in 4000K	Ref.: 150 21 02 00 01		
	12/24VDC	220lm/m	CRI 90	8W/m	
TO MAN	Neonflex side-bending	6*12 in 3700K	Ref.:	150 21 02 00 02	
	24VDC	320lm/m	CRI 80	9,6W/m	

This is just a small grasp out of our collection! As the LED technology and products are evolving in a very high pace, we cannot keep up with this in our brochures. In that respect, **please reach out to us to find the suiting solution for your need/project!**

PART 4 LIGHTING ACCESSORIES



DALI DT8 all-in-one controller

Ref: 164 19 25 00 00

This controller is every installer's best friend! The DT8 dali controller has a built-in Dali master, so all can be programmed on the device itself. It is TW, RGB, RGBW and RGBTW compatible. The OLED screen display makes it easy to program.

Input	Output current	Output power	Dali consumption	Dimming input	Dimming range	IP rating
12-36VDC	4 x 5A	4 x (60-180)W	2mA	DALI DT8	0%-100%	IP20

Dimensions: 170,0 x 53,4 x 28,0 mm

Multi-dim controller 4-in-1 Ref: 164 19 25 00 01

Multifunction 4-in-1 LED dimmer with multiple dimming protocols. Supports both leading and trailing edge. Matches all DALI systems in the market. 1 DALI address assigned by DALI master.

Input	Output current	Output power	Dimming input	Dali consumption	Dimming range	IP rating
12-36 Vdc	1x20A	1x(240-720)W	DALI-AC PUSH- 0/1-10V-Phase Cut	2mA	0%-100%	IP20



Dimensions: 170 x 53,4 x 28 mm



Dali to DMX & DMX to dali converter

This converter can achieve conversion between Dali dimming signal and widely used DMX-512 standard signal. It can realize DMX module control by Dali master and also Dali device control by DMX master, realizing 2 kinds of protocol in a seamless transition.

Input	Input signal	Output signal	Static power consumption	Working temp.	IP rating
12-48Vdc	Dali/DMX512	DMX512/Dali	<1W	-20° - +60°C	IP20

Dimensions: 150 x 78 x 26 mm

Dimmer Dali power led module Ref: 164 19 24 00 01

Converts a Dali signal into a PWM command.

Input	Input power consumption	Output range	Dimming range	Working temperature	IP-rating
12-36Vdc	0,35W	732 Hz	0.1-100%	-25°C - 40°C	IP20

DALI to PWM

Dimensions: 92,0 x 22,0 x 18,0 mm



LIGHTING ACCESSORIES

Dali repeater

Ref: 164 19 63 99 04



Input	Power consum	Dali output	Frequency	IP rating
100-240V	Max 4W	Max. 64 Dali ECG max 130mA	50/60 Hz	IP20

Device created to expand DALI systems by 64 ECGs eacht time. Extends the DALI line by 300m.

Dimensions: 189,0 x 30,0 x 21,0 mm

The ECGs connected to the repeater operate as a group.

4 channel LED repeater 12-24VDC Ref: 17 10 24 009

This device is used to repeat the dimming signal and to receive PWM signal control.

	V+userov V+userov V to the diagonal V to the di	POWER REPEATER PR: Un=12-36/DC lin=32-36/DC Usuj=4a[12-36]/DC Usuj=4a[12-36]/DC Usuj=4a[12-36]/DC	* N=75T	
_	● Gran W-	Pout-4xiA Pout-4xiB-288W TEMP RANGE:-28°C- TEMP RANGE:-28°C-	507 	

Input	Current	Output	Temp. range	IP rating
12-36Vdc	3/4 x 8A	3/4x(96-288)W	-20°C—50°C	IP20

Dimensions: 170 x 59 x 29 mm

LIGHTING ACCESSORIES

Overview power supplies

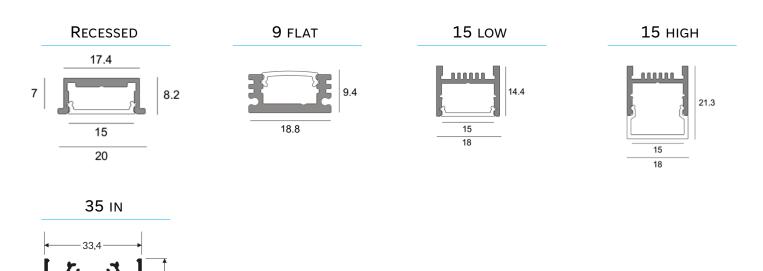
Reference	Description	Input voltage range	Output DC voltage	Output current	Power	IP-rating
8 380 67 24 35	PS 24VDC/35W-LPV	90V - 264V	24 VDC	1,5 A	35W	IP67
8 380 67 24 60	PS 24VDC/60W-LPV	90V - 264V	24 VDC	2,5 A	60W	IP67
8 380 67 24 100	PS 24VDC/100W-LPV	90V - 264V	24 VDC	4,2 A	100W	IP67
8 380 67 24 151	PS 24VDC/150W-LPV	180V - 305V	24 VDC	6,3 A	150W	IP67
8 380 67 24 240	PS 24VDC/240W-HLG	90V - 305V	24 VDC	10 A	240W	IP67
8 380 67 24 242	PS 24VDC/240W-ELG	100V - 305V	24 VDC	10 A	240W	IP67
8 380 67 24 320	PS 24VDC/320W-HLG	90V - 305V	24 VDC	13,34 A	320W	IP67
8 380 20 24 60	PS 24VDC/60W-TB	90V - 264V	24 VDC	2,5 A	60W	IP20
8 380 20 24 100	PS 24VDC/100W-SL	198V - 264V	24 VDC	4,17 A	100W	IP20
8 380 20 24 150	PS 24VDC/150W-SL	198V - 264V	24 VDC	6,25 A	150W	IP20

PART 5 ALUMINIUM PROFILES

ALUMINIUM PROFILES

Types of LED profiles

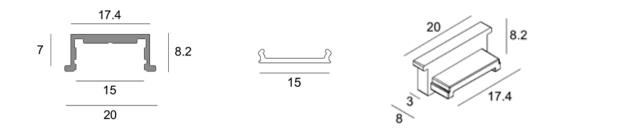
23,6-- 29.(



Recessed

31,4

Ę



Article nr	Description	Material	Finish	Length (m)
100 00 07 2413	LED Profile recessed 7mm	Aluminium	anodized	3
120 00 07 01	LED profile diffusor milky white	PMMA	milky white	3
110 00 07 4064	Endcap recessed profile 7mm	ABS	silver	



ALUMINIUM PROFILES

9 FLAT





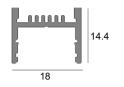






Article nr	Description	Material	Finish	Length (m)
100 01 09 2413	LED Profile 9mm surface mounted	aluminium	anodized	3
120 01 09 00	LED Profile diffusor 9mm transparant	PC	transparant	3
120 09 09 01	LED Profile diffusor 9mm milky white	PMMA	milky white	3
110 01 09 4064	Endcap 9mm flat profile	PC/ABS	silver	
110 11 09	Mounting clip 9mm flat profile	PC	transparant	
110 21 09	Mounting clip 45° 9mm flat profile	PC	transparant	

15 LOW

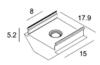










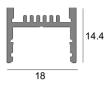


Article nr	Description	Material	Finish	Length (m)
100 01 15 2413	LED Profile 15 mm surface mounted	aluminium	anodized	3
120 00 07 01	LED Profile Diffusor 15mm milky white	PMMA	milky white	3
110 11 15 4064	Endcap 15 LOW profile with hole	PC/ABS	silver	
110 01 15 4064	Endcap 15 LOW profile solid	PC/ABS	silver	
110 11 15	Mounting clip profile 15mm	Stainless Steel	Stainless Steel	
110 21 15	Mounting clip 45° profile 15 mm	Stainless Steel	Stainless Steel	

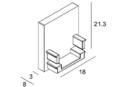


ALUMINIUM PROFILES

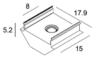
15 HIGH











Article nr	Description	Material	Finish	Length (m)
100 01 15 2413	LED Profile 15 mm surface mounted	aluminium	anodized	3
120 01 21 01	LED Profile diffusor 15 mm high	PMMA	milky white	3
110 01 21 4064	Endcap 15 HIGH profile	PC/ABS	silver	
110 11 15	Mounting clip 15mm profile	Stainless Steel	Stainless Steel	
110 21 15	Mounting clip 45° 15 mm profile	Stainless Steel PC/ABS	Stainless Steel	



35 IN



Pt
 *



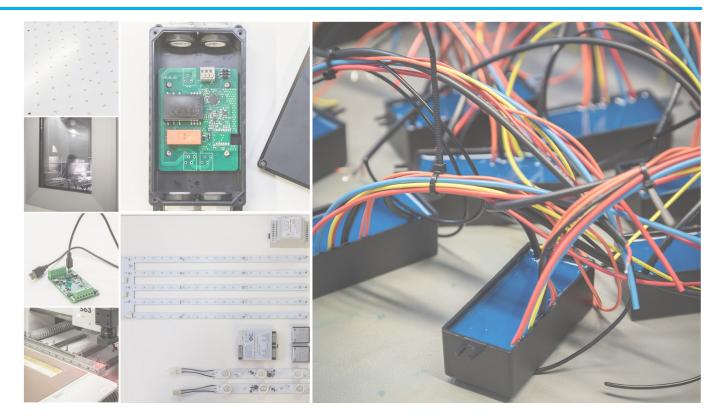


Article nr	Description	Material	Finish	Length (m)
110 01 35 2413	LED Profile 35 mm surface mounted	aluminium	anodized	3
120 01 35	LED Profile diffusor 35mm IN	PMMA	milky white	3
110 01 35 4064	Endcap 35 IN profile	ABS	silver	
110 11 35	Mounting clip 35 IN profile	aluminium	anodized	



PART 6 OEM COMPONENTS

LEDsGO OEM COMPONENTS

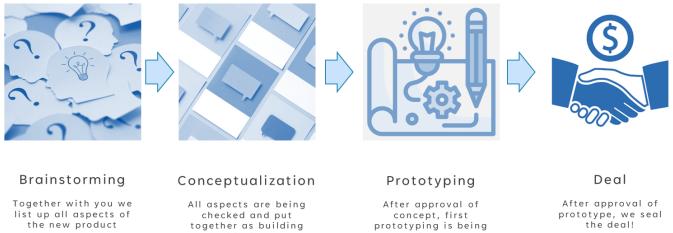


MOTOR CONTROL • RELAY MODULES • AUDIO MODULES

We engineer different control systems side by side with manufacturers all over the world. We operate in several segments of the market (outdoor living, sun protection, machinery builders,...).

We work in an easy and dedicated way of work:

the new product



done.

blocks.

prototype, we seal the deal!



LEDsGO®

Drieslaan 6 • B-8560 Wevelgem T +32 56 42 49 92 F +32 56 43 57 07 www.ledsgo.eu info@ledsgo.eu