

CATALOGUE
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21.04.2009

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All models are registered
 and protected by prevailing laws



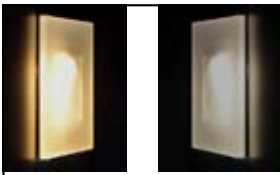
1 ORIENTATION, PROFILES ADAPTORS 1



21.04.2009
 Design: Luc Lemahieu

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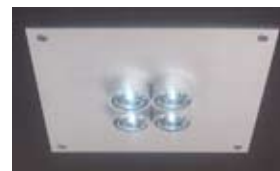
INZO SMALL p.2
 Oriëntation lighting
 for wall mounting
 1 watt led, x1



INZO MEDIUM p.3
 Oriëntation or general lighting
 for mounting IN wall or shelf
 1 watt led, 1, 2 of 4x



ONZO p.4
 Oriëntation or general lighting 110°
 for mounting ON wall or shelf
 1 watt led, 1, 2 of 4x



ONZO SPOT p.5
 Oriëntation or general lighting 13°, 25° or
 50°. For mounting ON wall or shelf
 1 watt led, 1, 2 of 4x



ZORRO EST ARRIVE p.6
 Led reading light
 Light emission 110°
 1 watt led, x4



PONZO PROFIELEN p.7 & 8
 General or accent lighting
 13°, 25° or 50°.
 For mounting in or on wall or shelf



ADAPTORS -VOEDINGEN
 current controlled AC/DC adaptors
 350mA for 1W LEDs p. 9
 700mA for 3W LEDs p. 10

NIOS is door LUXEON™ geselecteerd als
 CERTIFIED LUXEON LUMINAIRE MANUFACTURER

RECUPEL Recycling charge in Belgium
 each model for standard-, halogen-
 or energy saving bulb 230V,
 low voltage bulb or LEDS
 05.09.02 : euro 0,05 incl. VAT



▲ profile B - pag.7, 8 dancer in the dark 16 - pag. 24 ▼



▲ ufo8a 50 - pag.26



▼ lio table - pag. 20 pag. 74 - westhinder 360° medium ▲



Models, prices and dimensions (in mm)
can be altered without previous notice.
Inclusive LEDs
Prices in EURO



INZO - SMALL led orientation lighting - 1W



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Scale 1/1 21.04.2009
Design: Luc Lemahieu

MODEL ACCESSORIES

For mounting in wall (with wall-box Helia nr. 113) or directly in a cupboard, wardrobe, book-case or staircase. Housing is anodised aluminium. The cover is sanded transparent PMMA. With one power-led, 1 watt.

Colour filters,
see at the bottom.

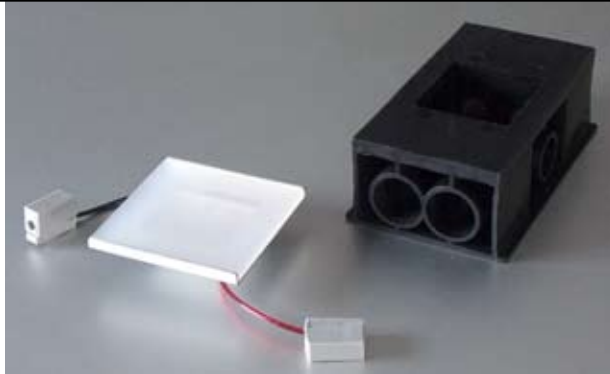
ADVANTAGES ADAPTOR

If there is little space to build on, fits in 16 mm thickness shelf.
Advantags led's see page 1

To be connected in series (sequence circuit) on AC/DC adaptor 350mA max.
To order see page 9



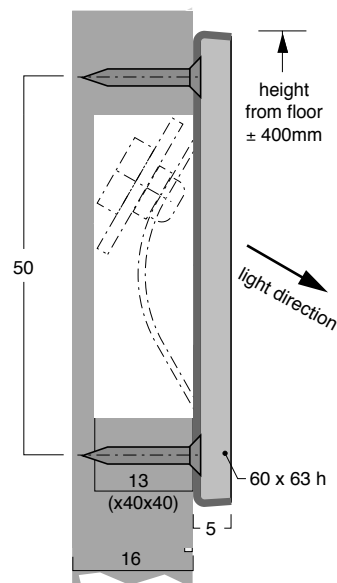
INZO SMALL white warm



INZO SMALL & wallbox helia nr.113 - dim.110 x 68 x 38 mm hgt
hole 39 x 39 x 35 mm



with grey filter INZO SMALL



INZO SMALL

scale 1/1

INZO SMALL - 1 led

APPLICATION

orientation wall light
for night hall & corridors.

INZO SMALL - 1W	light colour	art. code	€ in.
WITH SCREWS	white cold	ISS1 WC	76,0
1 led	white warm	ISS1 WW	79,0
TO GLUE	white cold	ISK1 WC	76,0
1 led	white warm	ISK1 WW	79,0
wall box helia nr 113		ZHELIA113	2,5

COLOUR FILTERS - INZO SMALL

fits between housing and transparent cover

model	colour	art.code	€ in.
COLOUR FILTER	white (warm)	IS WW	3,0
inzo small	grey (for dimming-warm)	IS GY	3,0
	jade (soft green/blue)	IS GN	3,0
	lavender (soft)	IS LV	3,0
	red	IS RD	3,0
	blue	IS BL	3,0

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Inclusive LEDs
Prices in EURO

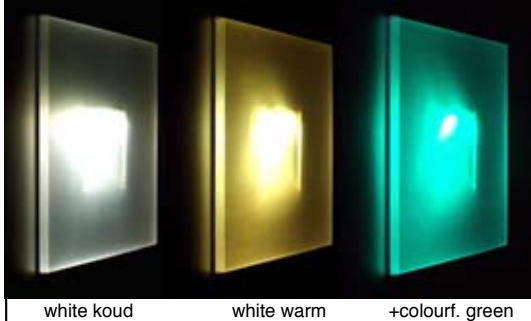


INZO - MEDIUM led orientation lighting - 1,2,4W

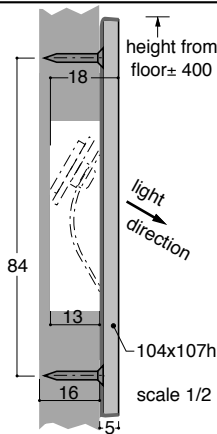


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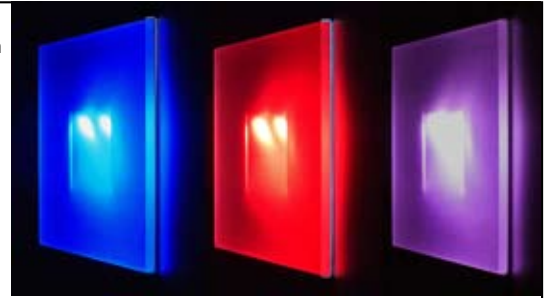
<p>MODEL</p> <p>For mounting in the wall, ceiling or shelf (furniture), with 1, 2 or 4 LEDs of 1 watt. Fits in standard wall-boxes or directly in a horizontal placed bticino box 503E. Housing in anodised aluminium. Cover in sandblasted transparent PMMA. With 1, 2 or 4 power-led's (1 watt)</p> <p>ADVANTAGES</p> <p>If there is little space to build in, fits in 16 mm thickness shelf. Advantags led's see page 1</p>	<p>ACCESSORIES</p> <p>Colour filters, see at the bottom.</p>
	<p>ADAPTOR</p> <p>To be connected in series (sequence circuit) on AC/DC adaptor 350mA max. To order see page 9</p>



white koud white warm +colourf. green



INZO MEDIUM
1 or 2



+colourf. blue +colourf. red +colourf. +lavendel

INZO MEDIUM - 1 led
APPLICATIONS

Build in orientation wall light,
 for night-time use (hall & corridors)

INZO MEDIUM - 1W	light colour	art. code	€ in.
WITH SCREWS	white cold	IMS1 WC	96
1 led	white warm	IMS1 WW	99
TO GLUE	white cold	IMK1 WC	96
1 led	white warm	IMK1 WW	99
adaptor 350mA 1x1w - afm. 51x32x18mm		ZMPL1	25

INZO MEDIUM - 2 led's
APPLICATIONS

Build in orientation wall light,
 for day- and night-time use, dark corridors (in apartments)

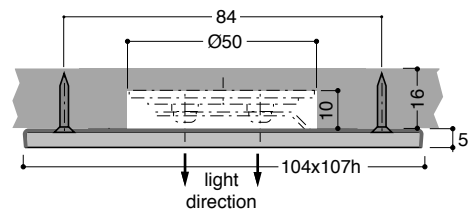
INZO MEDIUM - 2W	light colour	art. code	€ in.
WITH SCREWS	white cold	IMS2 WC	123
2 led's	white warm	IMS2 WW	128
TO GLUE	white cold	IMK2 WC	123
2 led's	white warm	IMK2 WW	128
adaptor 350mA 2x1w - afm. 51x32x18mm		ZMPL3	25



INZO MEDIUM - 4 led's
APPLICATIONS

Build in for general light. Light intensity comparable
 incandescence bulb or 20w halogen low energy saving bulb.

INZO MEDIUM - 4W	light colour	art. code	€ in.
WITH SCREWS	white cold	IMS4 WC	178
4 led's	white warm	IMS4 WW	188
TO GLUE	white cold	IMK4 WC	178
4 led's	white warm	IMK4 WW	188
adaptor 350mA 4x1w - afm. 51x32x18mm		ZPLR110	35



INZO MEDIUM 4

scale 1/2



COLOUR FILTERS - INZO MEDIUM

fits between housing and transparent cover.

model	colour	art.code	€ in.
COLOUR FILTER	white (warm)	IM WW	5
inzo medium	grey (for dimming-warm)	IM GY	5
	jade (soft green/blue)	IM GN	5
	lavender (soft)	IM LV	5
	red	IM RD	5
	blue	IM BL	5

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Inclusive LEDs
Prices in EURO



ONZO led lighting - 1, 2, 4W



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Design: Luc Lemahieu

MODEL ACCESSORIES

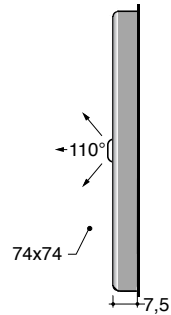
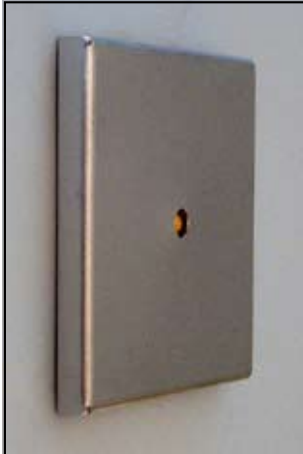
Build-on, very compact general lighting, 110° angle.
For mounting on the wall, ceiling or shelf (furniture). Housing in anodised
aluminium. Fixed by 2 screws. With 1, 2 or 4 power-led's, 1 watt.

none

ADVANTAGES ADAPTOR

If there is little space to build on. Only 7,5mm thickness.
Advantages led's see page 1

To be connected in series (sequence circuit) on AC/DC adaptor 350mA max.
To order see page 9



ONZO 1

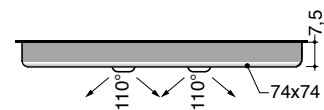
scale 1/2

ONZO - 1 led

APPLICATIONS

Build-on orientation wall light,
for night-time use (hall & corridors).

ONZO - 1W	light colour	art. code	€ in.
1 led	white cold	ONZ1 WC	89
	white warm	ONZ1 WW	92



ONZO 2

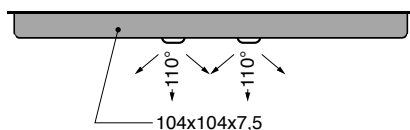
scale 1/2

ONZO - 2 led's

APPLICATIONS

Build-on orientation wall light, for day- and
night-time use, dark corridors (in apartments).

ONZO - 2W	light colour	art. code	€ in.
2 led's	white cold	ONZ2 WC	113
	white warm	ONZ2 WW	118



ONZO 4

scale 1/2

ONZO - 4 led's

APPLICATIONS

Build-on general lighting with 110° light emission
(ideal to illuminate a 40x40 cm surface
from a short distance (±30/50 cm), for example in presentation cabinets).

ONZO - 4W	light colour	art. code	€ in.
4 led's	white cold	ONZ4 WC	163
	white warm	ONZ4 WW	173



MODEL ACCESSORIES

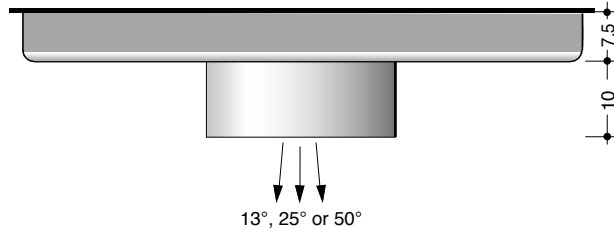
Build-on, very compact accent lighting, 13°, 25° or 50°.
For mounting on the wall, ceiling or shelf (furniture).
Housing in anodised aluminium. With 1, 2 or 4 power-led's, 1 watt.

none

ADVANTAGES ADAPTOR

If there is little space to build on. Only 7,5mm thickness.
Advantages led's see page 1

To be connected in series (sequence circuit) on AC/DC adaptor 350mA max.
To order see page 9



ONZO SPOT 1

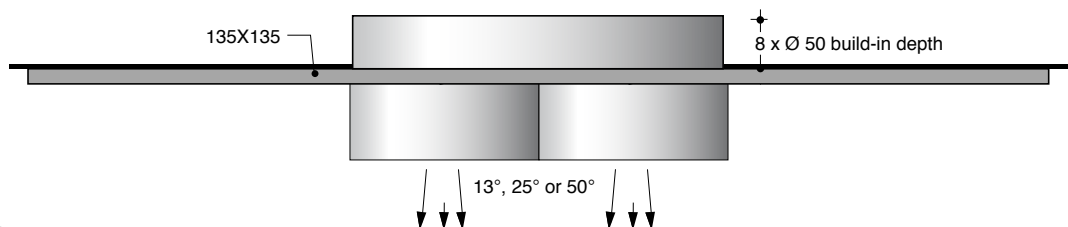
scale 1/1

ONZO SPOT - 1 led

APPLICATIONS

Build-on accent light 1 watt, for ceiling or wall, in a corridor or above a door,
comparable with 5 watt microïde spot. Fixed by 2 screws.

ONZO SPOT - 1W	light colour	art. code	€ in.
1 led - 13°	white cold	ONS1-13 WC	124
	white warm	ONS1-13 WW	127
1 led - 25°	white cold	ONS1-25 WC	124
	white warm	ONS1-25 WW	127
1 led - 50°	white cold	ONS1-50 WC	124
	white warm	ONS1-50 WW	127



ONZO SPOT 4

scale 1/1

ONZO SPOT - 4 led's

APPLICATIONS

Accent-light, 4x1 watt, can replace a 20 watt microïde spot (can be mounted
on the ceiling or on a shelf). Dimensions 135x135x12mm (big enough to cover
the hole of an old spot). Fixed by 4 screws (visible).

ONZO SPOT - 1W	light colour	art. code	€ in.
4 led's - 13°	white cold	ONS4-13 WC	265
	white warm	ONS4-13 WW	275
4 led's - 25°	white cold	ONS4-25 WC	265
	white warm	ONS4-25 WW	275
4 led's - 50°	white cold	ONS4-50 WC	265
	white warm	ONS4-50 WW	275

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Inclusive LEDs and adaptor
Prices in EURO



ZORRO est ARRIVÉ led - desk lamp 4x1W



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Design: Luc Lemahieu

SELECTIONS

A new Belgium in ideas and materials

ART ECO, exhibition about design and ecology in cooperation
with Design Flanders and the Flemish info point for Eco-design

Design Awards, Ghent

Henry Van de Velde Awards 2003, Brussels

World best design exchange - Seoul - Korea - 2003

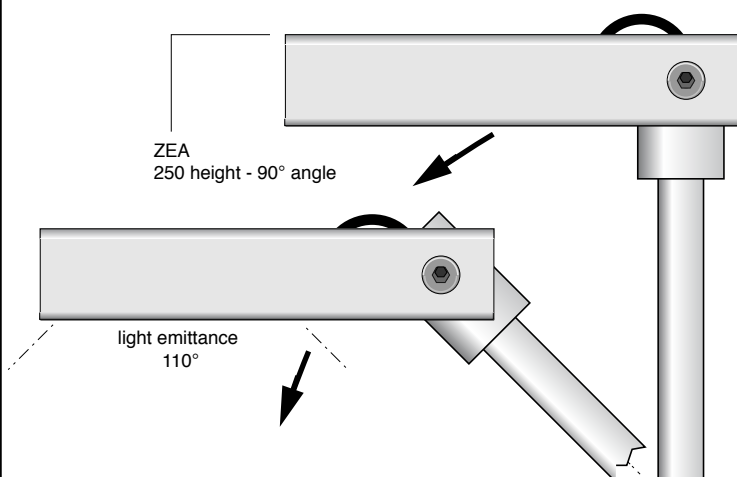
Design from Flanders - Melbourne - Australia - 2004

LABEL-DESIGN.BE

Hornu - Belgium - 2005

BELGIAN DESIGN

Museum Waterland - The Netherlands - 2007



ZORRO est ARRIVÉ

Very compact, light weight, can be folded.

The emitted light is homogeneous and has an ideal light distribution of 110°.

LIGHT EMITTANCE

Lux at a distance of 21 cm, illuminated surface two pages A4.

4x1w with cold LED: ± 580 lux

4x1w with warm LED: ± 440 lux

ADVANTAGES

Very long life time

Very low energy consumption: 4 watt

Low heat emittance

Shock resistant

High light output

ACCESSOIRES

Colour filters for ambient lighting blue, green (warm white), easy to change the filters.

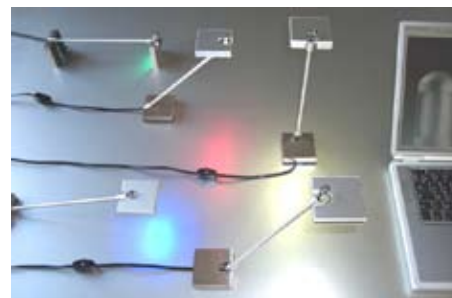
ADAPTOR

With AC euro-plug suitable for 190V tot 265V/AC.

model	light colour	art.code	eu in.
Zorro est arrivé	white cold	ZEA 4C	249,0
4 led's	white warm	ZEA 4W	259,0

dimensions folded:
desk lamp: 294x60x17 mm

turnable

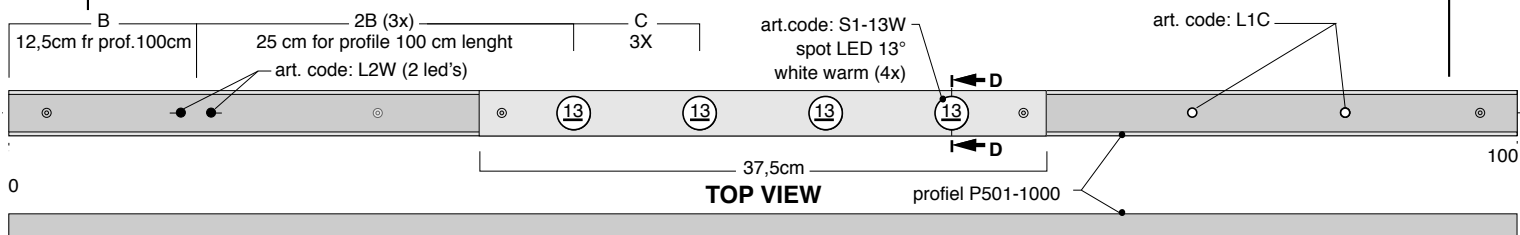


zorro est arrivé ▲

Zorro est arrivé (ZEA)

scale 1/1

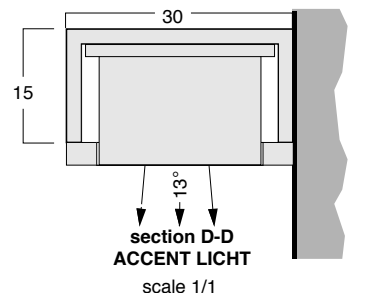
GENERAL + ACCENT LIGHT
 aluminium profil 30 x 15 x 2950mm max. lgt



SIDE VIEW
 scale 1/5

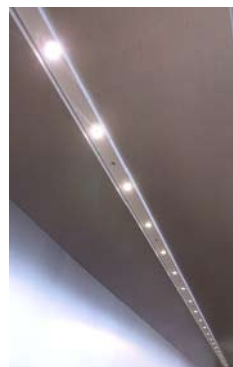
EXAMPLE CALCULATION

model	remarks	lenght	art. code	quantity	€ in.	€ in.
profile type A or B	wall or ceiling mounting	1000mm	PA501-1000	1 x	100,0	100,0
LED 100°(2 LEDs)	white cold		L1C	2 x	27,5	55,0
LED 100°(2 LEDs)	white warm		L2W	1 x	60,0	60,0
spot 13° (4x)	white warm		S1-13W	4 x	40,0	160,0
adaptor 1-8 LEDs	190-265v / 350mA for 1watt LEDs		ZPLK110	1 x	35,0	35,0
					total	410,0



(room for cables at the back) profile type B ▼

APPLICATIONS

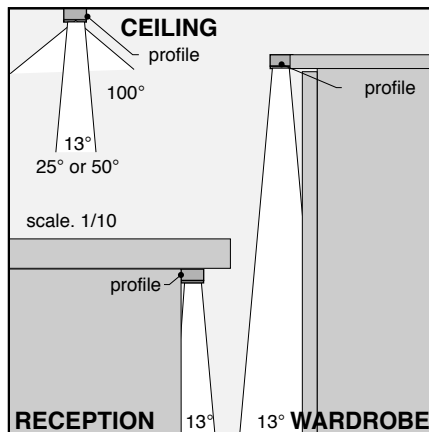
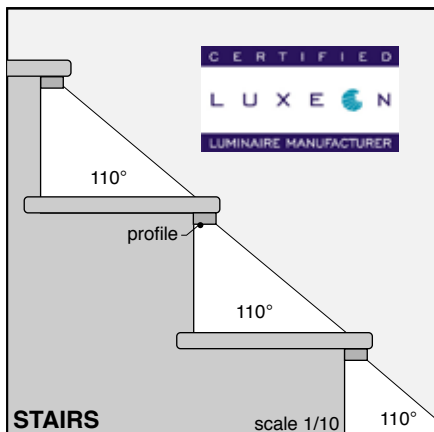
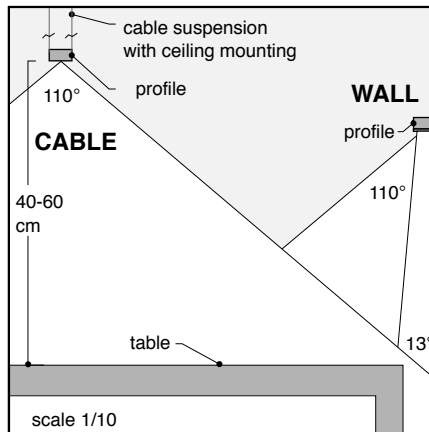
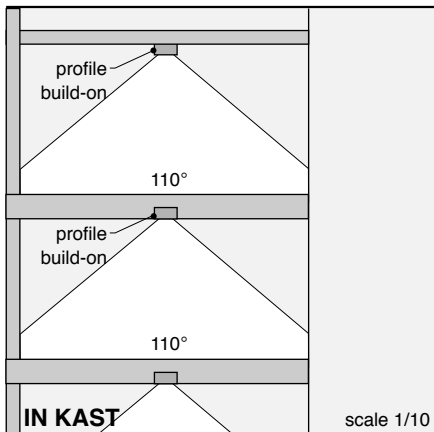


profile type A ▲

▲ directional profile with cable suspension

profile build-in cabinet ▲

with flexible lolo (p.15) ▲



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Inclusive LEDs and adaptor
Prices in EURO



PONZO - PROFILES
with power-leds 1 or 3 W



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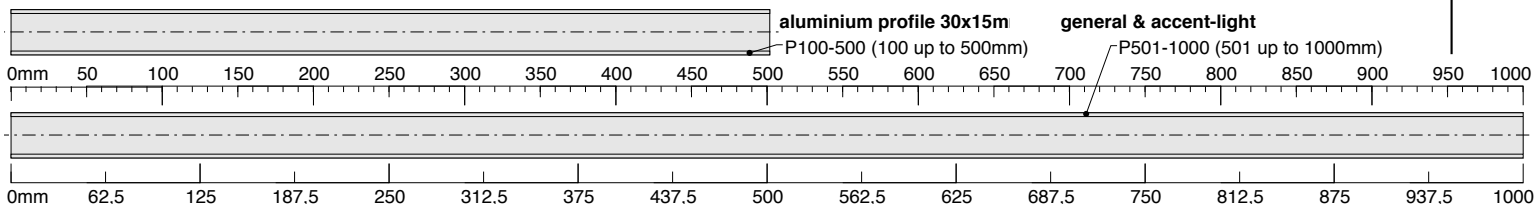
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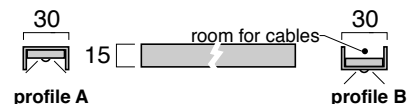
 contact
 tel..... fax
 e-mail.....

FROM:

 contact
 tel..... fax
 e-mail.....



DRAWINGS
 bovenzicht
 dimensions in mm - scale 1/5



POWER-LEDS
 tech. info pag. 1

PROFILE max. lgt 2950mm (longer by build-on)

model	length	art. code	€ in.	quantity	€ tot.
profile A	100 up to 500mm	PA100-500	65,0		
profile A	501 up to 1000mm	PA501-1000	100,0		
profile B	100 up to 500mm	PB100-500	65,0		
profile B	501 up to 1000mm	PB501-1000	100,0		
profile A of B	extra 1 up to 500mm	P+500	50,0		

LED - 1 watt 350mA

	lichtkleur	art. code	€ in.
○ 110° (standard 125 or 250mm distance)	white cold	L1C	27,5
● 110°	white warm	L1W	30,0
○ ○ 110° x2 (standard 200mm distance)	white cold	L2C	55,0
● ● 110° x2	white warm	L2W	60,0
⊙ 13° (standard 125 or 250mm distance)	white cold	S1-13C	37,5
⊙ 13°	white warm	S1-13W	40,0
⊙ 25°	white cold	S1-25C	37,5
⊙ 25°	white warm	S1-25W	40,0
⊙ 50°	white cold	S1-50C	37,5
⊙ 50°	white warm	S1-50W	40,0

LED - 3 watt 700mA

	lichtkleur	art. code	€ in.
⊙ 110° (standard 125 or 250mm distance)	white cold	L3C	37,5
● 110°	white warm	L3W	40,0
⊙ 3W	3 watt with optic, each LED (13, 25, 50 of 80°)	+OPL3	20,0
	of met flexibels LOLO M10 zie pag.15 & 16
	EXTRA each LED if not standard distance	+PLGTX	5,0

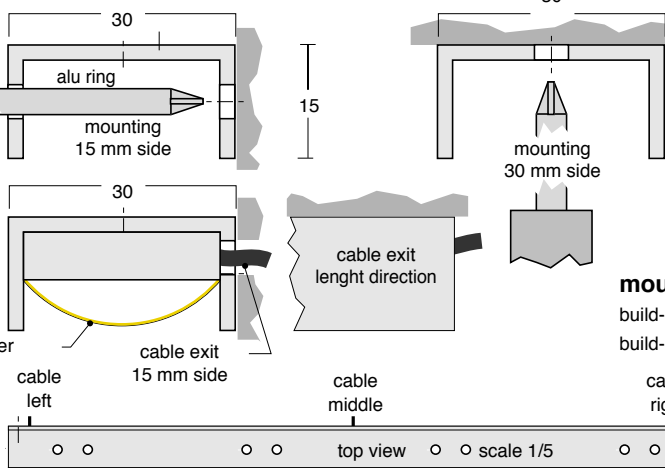
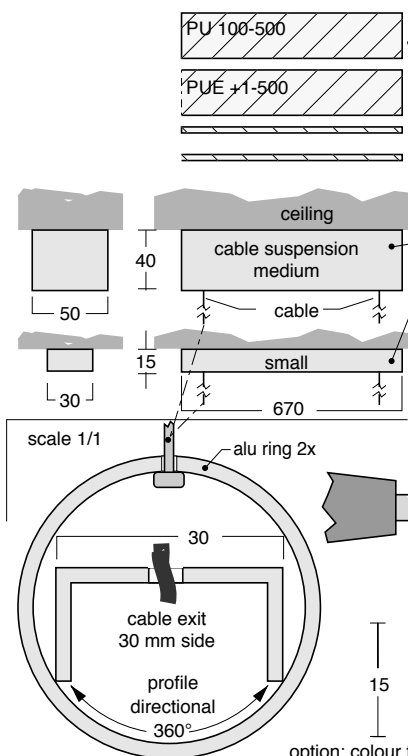
ACCESSORIES

length / remarks	art. code	€ in.
cover (pmma) under 100 up to 500mm/opal	PU 100-500	30,0
cover (pmma) under extra 1 up to 500mm	PUE+1-500	25,0
cover (pmma) side 100 up to 500mm/opal	PS 100-500	30,0
cover (pmma) side extra 1 up to 500mm	PSE+1-500	25,0
colourfilter (white war, red, green, blue, lavender)	+PCOL color	3,0

CABLE SUSPENSION profile directional (max. lgt 1500mm), for lighting table or painting

cable suspension medium 670x50x40h with space for max. 4 adaptors 1-8 LEDs	PFC 40x50	200,0
cable suspension small 670x30x15h without space for adaptors	PFC 15x30	170,0

ADAPTORS 1 watt LEDs page 9 - 3 watt LEDs page 10



TOTAAL

total length
 profile _____ mm
 cover under _____ mm
 cover side _____ mm

mounting holes
 5 mm side
 30 mm side
 cable-suspension
 no holes

cable exit
 build-on 15 mm side
 build-in 30 mm side

length direction
 cable left
 cable middle
 cable right

agreement:
 signature
 date

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Inclusive LEDs
 Prices in EURO



ADAPTORS 350mA for 1 watt LEDs



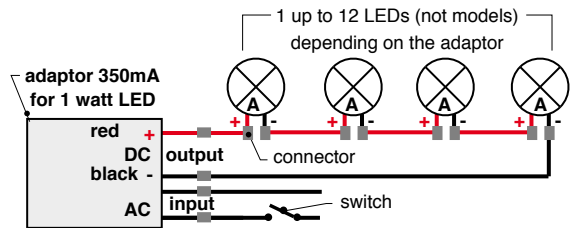
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230V - 1 circuit NOT DIMMABLE

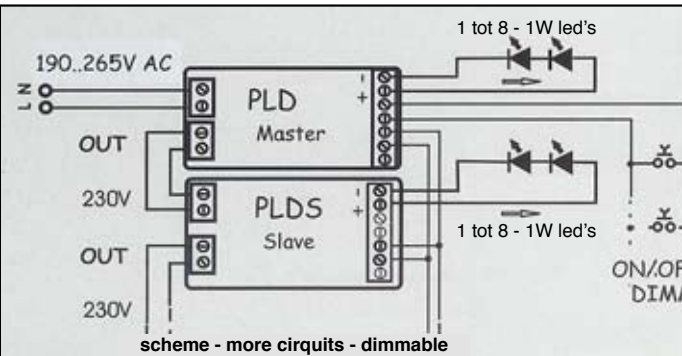
art.code	input AC / DC output	dim. mm	€ in.
ZMPL1	190-265v / 350mA 1x1w	51x32x18	25
ZMPL3	190-265v / 350mA 2-3x1w	51x32x18	25
ZPLK110	190-265v / 350mA 1-8x1w	118x33x19	35
ZPLR110	190-265v / 350mA 1-8x1w	Ø53X19	35
ZDPL110	110-250v / 350mA 1-8x1w (USA)	117x50x28	40
ZPD312	190-265v / 350mA 3-12x1w	138x40x29	60

NOT DIMMABLE - outdoor use

ZNE1-2 350	100-240v / 350mA 1-2x1w IP54	75x40x31	25
ZNE1-8 PU11	230-240v / 350mA 1-7x1w IP54	90x39,5x29	45

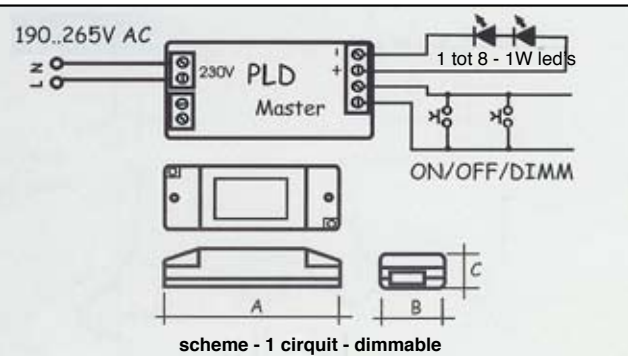


scheme - 1 circuit - not dimmable
1W - 350mA

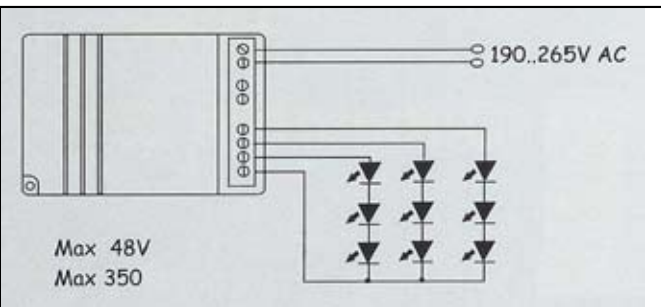


scheme - more circuits - dimmable
1W - 350mA

art.code	input AC / DC output	dim. mm	€ in.
ZPLD110M	190-265v / 350mA dim master 1-8x1w	165x41x28	55
ZPLD110S	190-265v / 350mA dim slave 1-8x1w	165x41x28	55



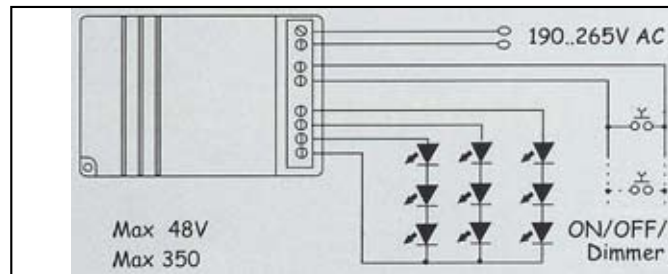
scheme - 1 circuit - dimmable
1W - 350mA



scheme - not dimmable: ZDBOX30 SP
1W - 350mA

230V - 3 circuits NOT DIMMABLE

art.code	input AC / DC output	dim. mm	€ in.
ZDBOX30 SP	190-265v / 350mA 3-24x1w	147x75x29	120

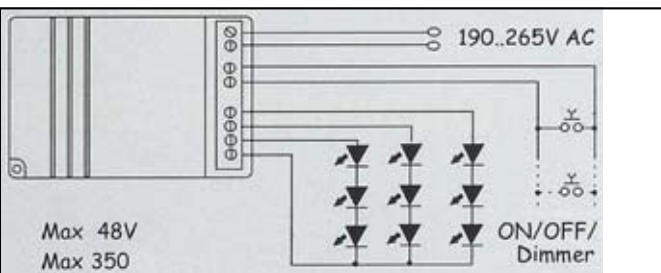


scheme - dimmable ZDBOX30
1W - 350mA

230V- 3 circuits DIMMABLE

art.code	input AC / DC output	dim. mm	€ in.
ZDBOX30	190-265v / 350mA 3-24x1w	147x75x29	150

on/off and dimming by push button (only contact if you push)

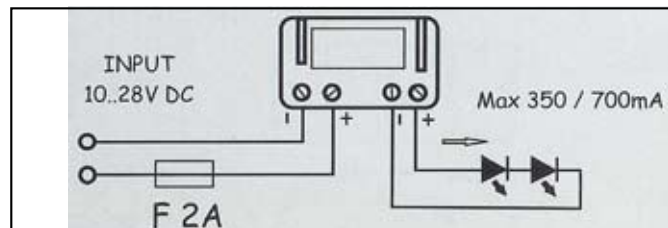


scheme - RGB ZRBOX
1W - 350mA

230V - 3 circuits RGB (for with red green & blue led's)

art.code	input AC / DC output	dim. mm	€ in.
ZRBOX	190-265v / 350mA RGB 3-24x1w	147x75x29	160

on/off and colour change by push button (only contact if you push)



scheme 12 or 24V - not dimmable ZLVP 12-24V
1W - 350mA

BATTERY 12 or 24 V - 1 circuit NOT DIMMABLE

art.code	input 12 or 24V DC / DC output	dim. mm	€ in.
ZLVP 12-24V	10-28VDC / 350mA 1-3/6*x1w	51x32x18	25

*11..15V max. 3 leds - 22..28V max.6 leds

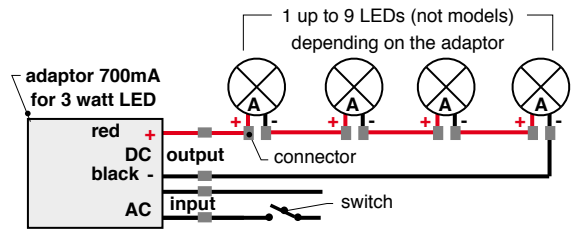
Models, prices and dimensions (in mm) can be altered without previous notice.
Inclusive LEDs and adaptor
Prices in EURO



ADAPTORS 700mA for 3 watt LEDs



All models are registered and protected by prevailing laws.
Scale 1/1 21.04.2009
Design: Luc Lemahieu



**scheme - 1 circuit - not dimmable
3W - 700mA**

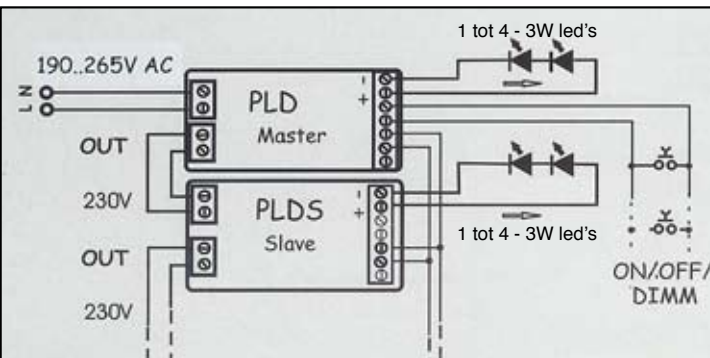
230V - 1 circuit

NOT DIMMABLE

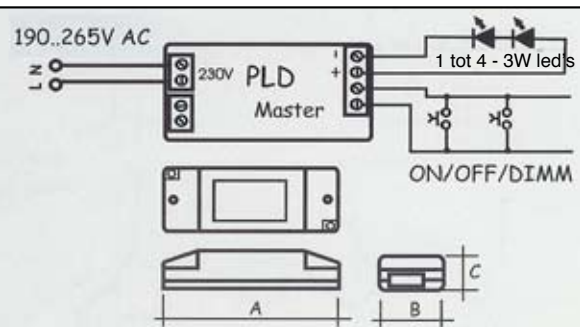
art.code	input AC / DC output	dim. mm	€ in.
ZMPL4	190-265v / 700mA 1x3w	51x32x18	30
ZPLK303	190-265v / 700mA 1-3x3w	118x33x19	40
ZPD309	190-250v / 700mA 3-8x3w	138x40x29	60
ZFB 310	190-250v / 700mA 3-8x3w	117x75x20	85

NOT DIMMABLE - outdoor use

ZNE3-4 700	100-240v / 700mA 3-4x3w IP54	75x50x33	30
ZNE1-3 PU13	230-240v / 700mA 1-3x3w IP54	90x40x29	45



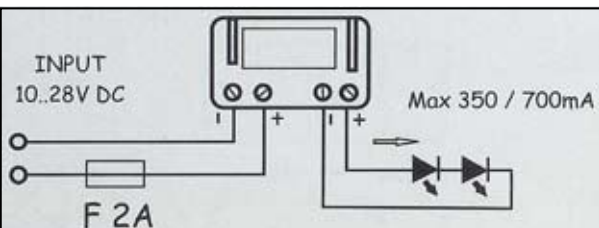
**scheme - more circuits - dimmable
3W - 700mA**



**scheme - 1 circuit - dimmable
3W - 700mA**

DIMMABLE 230V

art.code	input AC / DC output	dim. mm	€ in.
ZPLD304M	190-265v / 700mA dim. master 1-4x3w	165x41x28	55
ZPLD304S	190-265v / 700mA dim. slave 1-4x3w	165x41x28	55



**scheme 12 or 24V - not dimmable ZLVQ 12-24V
3W - 700mA**

BATTERY 12 or 24 V - 1 circuit

NOT DIMMABLE

art.code	input 12 or 24V DC / DC output	dim. mm	€ in.
ZLVQ 12-24V	10-28VDC / 700mA 1-2/4** LEDs 3W	51x32x18	30

**11..15V max. 2 leds - 22..28V max.4 leds