FOCUS ON QUALITY

YOUR LIFT EXPERT

Stingl ®

LED LIGHTING SYSTEMS

LED KITS INPLES

BENEFITS: Replacing your existing low and mains voltage lamps (e. g. G/GU10 & M) with efficient high performance LEDs will: • Reduce the amount of electricity you use by up to 90 % • Increase the life of your lamps by not just months, but years • Professional power supplies for 1 million operations available • With or without emergency power supply • Solution available for cabin light deactivation • Lights available in various colours • Easy installation thanks to pre-fitted cable

TECHNICAL FEATURES: • Beam angle: 40° • Service life: approx. 50.000 h • Pre-fitted with approx. 1,5 m cable • Lighting figures for various cabin sizes available upon request

ITEMS

Item No.	Description	Colour
90924000201	INPLES110 3W main LED lamp	Cool white
90924000101	INPLES112 3W main LED lamp	Warm white
90924000301	INPLES114 3W main LED lamp	Daylight white
Item No.	Description	Colour
90924000202	INPLES111 3W main and emergency LED lamp	Cool white
90924000102	INPLES113 3W main and emergency LED lamp	Warm white
90924000302	INPLES115 3W main and emergency LED lamp	Daylight white

POWER SUPPLY FOR UP TO 6 LAMPS

max. 20 W, input 230 V, 50/60 Hz, Output: 10.5 V, 2.5 A

Item No.	Description
90925000003	INPLES101 power supply

POWER SUPPLY FOR UP TO 5 LAMPS

emergency power supply with max. 20 W, input 230 V, 50/60 Hz, output: 10.5 V, 2.5 A, emergency power supply battery can be changed

Item No.	Description	
90925000004	INPLES103 power supply	3 h battery life
90925000005	INPLES106 power supply	6 h battery life

KITS

INPLES – KIT4 – WITH POWER SUPPLY   1

Item No.	Description	Colour
90923040201/101/301	4x main lamps + 1 power supply	Cool white, warm white, daylight white
90923030201/ 101/ 301	3x main lamps & 1x emergency lamp + 1 power supply, 3 h battery life	Cool white, warm white, daylight white

INPLES – KIT6 – WITH POWER SUPPLY   1

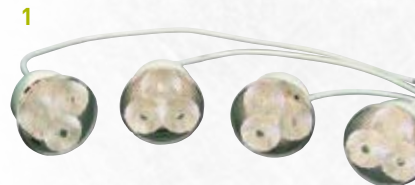| Item No.	Description	Colour
90923060201/101/301	6x main lamps + 1 power supply	Cool white, warm white, daylight white
90923050201/101/301	5x main lamps & 1x emergency lamp + 1 power supply, 3 h battery life	Cool white, warm white, daylight white

DOWNLIGHTS:

MODEL AU-DLL 101, 65 MM CUT OUT   2

Item No.	Colour
90921000101	gun metal
90921000201	chrome-plated
90921000301	white

MODEL AB 50, BA 75 MM CUT OUT, VANDAL RESISTANT   3

Item No.	Colour
90926000009	aluminium look

LED-SPOTS INPLES MOONLIGHT

With its unique visual form, the MOONLIGHT LED spotlight is an ideal addition to our INPLES range of LEDs. A ball-shaped diffuser distributes the light emitted by the LED over a beam angle of 180°.

BENEFITS: • Reduce the amount of electricity you use by up to 90 % • Increase the life of your lamps by not just months, but years • Professional power supplies for 1 million operations available with or without emergency power supply • Solution available for cabin light deactivation • Otherwise visible LEDs are concealed with a ball-shaped diffuser • We guarantee that we will replace the colour lights that you want for years • Easy installation thanks to pre-fitted cable

TECHNICAL FEATURES: • Output 3 W • Beam angle 180° • Service life approx. 50.000 h • Colour daylight white • External diameter 50 mm • Pre-fitted with approx. 1,5 m cable • Lighting figures for various cabin sizes available upon request

LED-SPOTS INPLES MOONLIGHT

Item No.	Description	Colour
90924000303	3 W main LED lamp Moonlight 134 tw	Daylight white
90924000304	3 W main and emergency LED lamp Moonlight 135 tw	Daylight white

POWER SUPPLY FOR UP TO 6 LAMPS

max. 20 W, input 230 V, 50/60 Hz, Output: 10,5 V, 1,8 A

Item No.	Description
90925000003	INPLES101 power supply, no battery backup

emergency power supply with max. 20 W, input 230 V, 50/60 Hz, output: 10,5 V, 1,8 A, emergency power supply battery can be changed

Item No.	Description
90925000004	Power supply INPLES103, 3 h battery life

DOWNLIGHTS:

MODEL AU-DLL 101, 65 MM CUT OUT

Item No.	Colour
90921000101	gun metal
90921000201	chrome-plated
90921000301	white

MODEL AU-DLM 356 PC, 70 MM CUT OUT

Item No.	Colour
90921000203	chrome-plated
90921000303	white

STINGL LED-SPOTS

- LONG LIFE
- INCL. FIXING MATERIAL
- SIMPLE INSTALLATION

FOR FURTHER INFORMATION CALL US
OR WRITE AN E-MAIL

TEL.: +49 (0) 7134-1379713
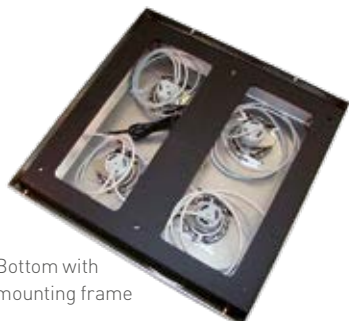E-MAIL: EXPORT@STINGLONLINE.DE

1
4 LED lamps
preassembled in
stainless steel housing

LED lamp
behind glass

Bottom with
mounting frame

Calliper

LED HOUSING INPLES

BENEFITS: • Replacing your existing low and mains voltage lamps (e.g. G/GU10 & M) with efficient high-performance LEDs pre-installed in stainless steel casings will reduce the amount of electricity you use by up to 90 % and increase the life of your lamps by not just months, but years • Power supplies available with or without emergency power supply • Solution available for cabin light deactivation • Quick and easy installation with cavity anchor fixings • Existing lamp openings are covered up • Lights available in various colours • Tailored dimensions available upon request

TECHNICAL FEATURES: • Beam angle: 40° • Service life: approx. 50,000 h • Pre-fitted with approx. 1.5 m cable

LUX FIGURES FOR VARIOUS CABIN SIZES AVAILABLE UPON REQUEST

INPLES – STAINLESS STEEL HOUSING		
KIT4 – WITH POWER SUPPLY – 400 X 400 X 60 MM		
max. 20 W, input 230 V, 50/60 Hz, output: 10.5 V, 1.8 A		
VERSION 1: 4X MAIN LAMPS		**1**
Item No.	Description	Colour
90922040201	**INPLES 110/100**	**Cool white**
90922040101	**INPLES 112/100**	**Warm white**
90922040301	**INPLES 114/100**	**Daylight white**
VERSION 2: WITH EMERGENCY POWER SUPPLY, 3 H BATTERY LIFE		
Item No.	Description	Colour
90922030201	**INPLES 111/103**	**Cool white**
90922030101	**INPLES 113/103**	**Warm white**

ACCESSORIES	
90926000004	Calliper to spread the cavity fixing rawplug

LED EMERGENCY LAMP

The system is made up of two separate elements: an emergency light power supply and a high-quality LED emergency light. This makes it possible to retrofit an emergency light in an existing elevator cabin. The LED emergency light is made of polycarbonate and has an almost unlimited service life. It contains a 1,5 m two-pole cable for connection to the mains or a 3,6 V DC battery. The LED emergency light can be installed in a panel or existing ceiling or wall light and left visible or concealed.

Item No.	Model	Luminous flux (lm)	Dimensions
90926000005	AB26	80–60 lm	55x35x15 mm

In the event of a power cut, the emergency light's main connection monitors whether the elevator cabin is in stand-by mode and then decides whether or not to turn on the emergency light. During normal operation, the high-quality Ni-Cd battery charges off the mains and lasts for 3 or 6 hours, depending on the version, if there is a power cut. The mains connection is normally installed in the roof of the elevator cabin. Dimensions 50x75x125 mm, Weight: 0,30 kg.

Item No.	Type	Life in emergency mode
90925000001 + 90926000005	BLUME 836 / with AB26	3 h
90925000001	BLUME 836	3 h
90926000006	AB3 connection cable for BLUME 836	

1

2

3

4

LED-SPOTS VANDAL-RESISTANT

BENEFITS: Vandal-proof LED spotlights to prevent intentional damage • Easy installation • Service life: approx. 50,000 hours • 5W consumption per light • Moderate heat production • Surface colour: stainless steel like • Includes fixings

TECHNICAL FEATURES: Output: 5W • Beam angle: 36° • External diameter: 100 mm • Installation depth: 52 mm • Cut out: 55–70 mm

LED-SPOTS VANDAL-RESISTANT STAINLESS STEEL LOOK

Item No.	Description	Luminous colour	Voltage	
90954300230	Vandal-resistant LED	Warm white	220V AC	
90954301030	Vandal-resistant LED	Warm white	10-30V DC	
90954500230	Vandal-resistant LED	Natural white	220V AC	
90954501030	Vandal-resistant LED	Natural white	10-30V DC	
9090399904	Bezel 100 mm, installation from back			1
9090399905	Bezel 100 mm, installation from front			2

POWER SUPPLY

Item No.	Description	
9090399907	Power supply unit Mean Well 35 W, 12 V, 3.0 A	3
9090399909	Power supply unit Mean Well 75 W, 12 V, 6.0 A	
90947102425	Power supply Mean Well 25 W, 24 V, 1.05 A, IP 67	
90947102440	Power supply Mean Well 40 W, 24 V, 1.67 A, IP 67	
90947102460	Power supply Mean Well 60 W, 24 V, 2.50 A, IP 67	

ACCESSORIES

Item No.	Description	
9090399906	Security glass according to EN 81-70	4

LED FLEXIBLE SMD*-LIGHTBARS

BENEFITS: • The flexband's generous copper conductors absorb and conduct heat away from the components brilliantly • With a width of, for example, just 8 mm, this band is perfectly suited for use in tight spaces, such as escalators, cabin walls and shadow gaps • The high quality 3 M adhesive gives the strip a firm hold to the surface • Plus and minus pads are repeated on each section, allowing you to make changes later and reuse unused sections! • Waterproof upon request • Low power consumption • Long service life

USE: The LED strip can be used for a wide range of applications in • Escalator lighting • Indirect or direct design lighting for elevator cabins • Mood lighting • Aafety/warning lights • And many other areas

*SMD = Surface Mounted Device

Item No.
90953999011   Flexible light bar, 500 cm reel

LED EMERGENCY POWER CONTROL WITH CABIN LIGHT SHUT-OFF

INTELLIGENT STINGL-EMERGENCY POWER CONTROL WITH CABIN LIGHT SHUT-OFF FOR VARIOUS LED LIGHTING CONCEPTS

The intelligent Stingl emergency power control in shape of a compact industrial housing, may optionally be added to cabin lights such as LED acrylic glass panels or LED slim panels and installed quickly and easily on the cabin roof. Especially for existing systems it is thereby possible to save energy for cabin car lighting with emergency power control devoid of intervention in the elevator control.

Alternatively, via the elevator control or via an integrated, event-controlled lighting control (e. g. movement in the car), the on- and off-switching can be regulated directly in the lighting circuit. The intelligent emergency power control detects whether the light shutdown was intended or caused by a power failure. In the event of a power failure, the built-in 12 V or 24 V battery will provide the light source in the car with full output for up to 3 hours. The integrated power adapter charges the battery even when the cabin light is switched off. A battery capacity signal may optionally be passed on to the elevator controller.

FEATURES: Intelligent emergency power control • May be used for different LED lighting variations of 12 V or 24 V, e. g. surface light or light panels • The existing cabin light can provide an emergency light with full brightness for up to 3 hours via the built-in rechargeable battery • The intelligent technology detects whether the cabin light shutdown was intended or if a power failure exists • The cabin light can be triggered by the elevator control or by an optional, event-oriented light shutdown at standstill • The power supply integrated in the Stingl emergency power control with a strongly reduced stand-by consumption monitors an insufficient rechargable battery capacity and thus reduces the maintenance effort. The signal to the battery capacity can optionally be passed on to the elevator control. • The Stingl emergency power control charges the used lead batteries of 12–24 VDC energy-consciously, even when the cabin light is switched off, so that the batteries can initiate the emergency lighting at any time

EVENT-CONTROLLED LIGHT SHUT-OFF FUNCTION FOR EXISTING ELEVATORS OPTIONAL: • Minimization of downtime requirements according to VDI 4707 • Independent detection of car and door movements • No intervention in the elevator electronics necessary • Adjustable period of time after which the cabin car's light is switched off • 3 inputs for optional sensors or control information • 2 additional switching outputs for additional appliances
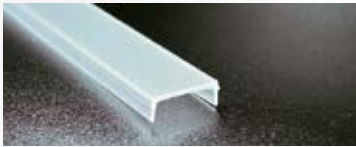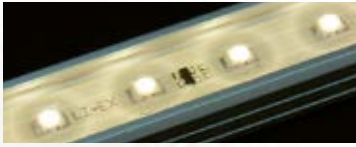
DIMMER OPTIONAL: The cabin light can be controlled via an optional built-in LED dimmer

For cabin car lighting with Inples LED spots, we provide another intelligent emergency power solution, which can also be connected to the elevator control or combined with an optional event-oriented light shut-off.

EMERGENCY POWER CONTROL

Item No.	Description	Volt	Watt	LED slim panels 300x300/ 300x600	600x600/ 300x1200	LED acrylic glass small	large	LED Spot INPLES
91912200003	for LED INPLES shut-off incl. monitoring unit	12	20					•
91912400001	for LED cabin light shut-off	12	40			•		
91912400002	for LED cabin light shut-off incl. dimmer	12	40			•		
91912400003	for LED cabin light shut-off incl. monitoring unit	12	40			•		
91912400004	for LED cabin light shut-off incl. monitoring unit + dimmer	12	40			•		
91912600001	for LED cabin light shut-off	12	60				•	
91912600002	for LED cabin light shut-off incl. dimmer	12	60				•	
91912600003	for LED cabin light shut-off incl. monitoring unit	12	60				•	
91912600004	for LED cabin light shut-off incl. monitoring unit + dimmer	12	60				•	
91924400001	for LED cabin light shut-off	24	40	•				
91924400002	for LED cabin light shut-off incl. dimmer	24	40	•				
91924400003	for LED cabin light shut-off incl. monitoring unit	24	40	•				
91924400004	for LED cabin light shut-off incl. monitoring unit + dimmer	24	40	•				
91924600001	for LED cabin light shut-off	24	40		•			
91924600002	for LED cabin light shut-off incl. dimmer	24	60		•			
91924600003	for LED cabin light shut-off incl. monitoring unit	24	60		•			
91924600004	for LED cabin light shut-off incl. monitoring unit + dimmer	24	60		•			

• applicable

LED STRIP LPS

THE LED STRIP LPS: is made up of an aluminium profile (WxH: 18x10mm), a high-quality LED flex strip and a diffuser cover (IP40) made of UV resistant plastic. The profile is rounded off and protected by aluminium end caps. The profile is also available as a completely enclosed unit (IP67). Profile lengths can be tailored to meet your requirements. The Mini-Flex strip can be fixed in place in a number of different ways, making it quick and easy to fit.

TECHNICAL SPECIFICATIONS: • Aluminium profile, surface: anodized clear coating • 18x10mm (WxH) • thermally optimised up to 16 W/m • Various installation options • For holding LED flex strips • max. length 3m • Aluminium profile with cover: IP40 • Enclosed aluminium profile: IP67 • Can be tailored to customer requirements • Diffuser cover made of UV resistant plastic • 2.5x4.5mm (WxH) • Suitable for the LED aluminium profile • Snaps in easily • Transmission factor: 85% • Aluminium end cap 1.5mm • 18x10mm (WxH) • Suitable for the LED aluminium profile • Surface: anodized clear coating • Laser cut for optimum precision

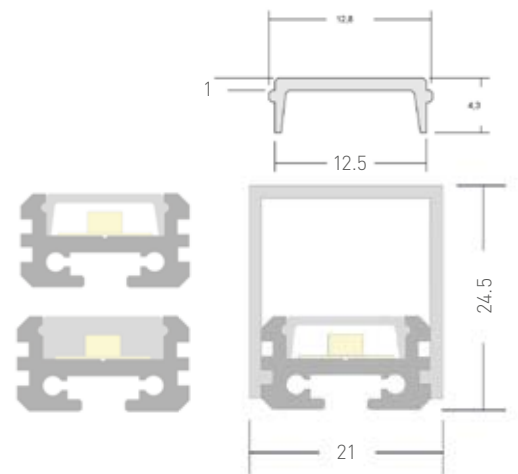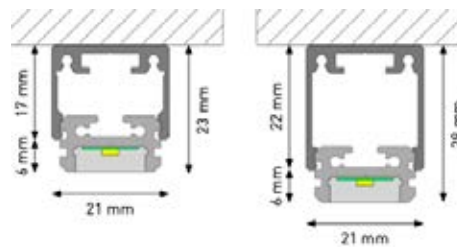**WIDE RANGE OF ATTACHMENT OPTIONS:**

MAGNETIC FIXINGS: • Metal plate with 2 extremely strong magnets • 30x7.2mm (LxW) • Suitable for the aluminium profile • Easy to adjust with the 2 set screws • The easy way to attach the profile to magnetic materials

SCREW FIXINGS: • Square nut with M4x6mm countersunk bolt • Suitable for the LED aluminium profile • For attaching the profile to metal brackets, pivot joints, etc. • Optimised for material thicknesses of 3mm or less

ADHESIVE FIXINGS: • Extremely strong double-sided adhesive tape made by 3M • 100x15x0.64mm (LxWxH) • Suitable for the LED aluminium profile for fixing the profile to smooth, clean surfaces • Can be used indoors and outdoors • Installation temperature of 20° (2 days hardening)

Item No.	Current	Voltage	Lumens	Colour	Can be split
90941316244	24V DC	5 Watt/m	515 lm/m	2,600K	100 mm
90941316244	24V DC	10 Watt/m	1,030 lm/m	3,000K	100 mm
90941316244	24V DC	15 Watt/m	1,545 lm/m	4,000K	100 mm

LED SLIM PANELS

BENEFITS: The dimmable slim panels are equipped with super bright LEDs and supplied with an anodized aluminium fixture • 4 standard dimensions provided along with pre-cabled LED power supply • Excellent temperature resistance guarantees a long service life for the product • The front plate is made from highly transparent acrylic glass, guaranteeing an equally dispersed soft light • Turns on immediately, no flickering or humming • Ecological: the product does not contain any hazardous materials like lead or mercury • Easy to install directly in the ceiling or on an existing ceiling by using the supplied fixing material • Dimmable

TECHNICAL FEATURES:

LED-Panel (mm)	300x300	300x600	300x1,200	600x600
Input voltage (V)	AC 100–240	AC 100–240	AC 100–240	AC 100–240
Material	Aluminium	Aluminium	Aluminium	Aluminium
Dimensions (mm)	298 x 298	298 x 598	298 x 1,198	598 x 598
Overall height (mm)	10	10	10	10
Light temperature (K)	3,000–6,000	3,000–6,000	3,000–6,000	3,000–6,000
Light colour	adjustable	adjustable	adjustable	adjustable
Power rating (W)	10	20	36	36
Lighting current (lm)	700–850	1,400–1,700	2,500–3,000	2,800–3,300
Protection class	IP20	IP20	IP20	IP20
Dimmable	yes	yes	yes	yes
Remote control	yes	yes	yes	yes

Item No.	Description	Dimensions	Colour	dimmable
90942070201	LED Panel	220x700 mm	Daylight white	•
90942730304	LED Panel	300x300 mm	with colour temperature change	•
90942730604	LED Panel	300x600 mm	with colour temperature change	•
90942731204	LED Panel	300x1,200 mm	with colour temperature change	•
90942760604	LED Panel	600x600 mm	with colour temperature change	•

POWER SUPPLIES

Item No.	Description
90947102425	Power supply unit Mean Well 25 W, 24 V, IP 67
90947102440	Power supply unit Mean Well 40 W, 24 V, IP 67
90947102405	Power supply unit Mean Well 60 W, 24 V, IP 67
90947000001	Power supply unit Mean Well 70 W, 24V, IP67

ACCESSORIES

Item No.	Description
90953999035	Mounting kit for LED Panel
90970453020	Dimmer for LED panels

NEW

LED CABIN CEILING ACCORDING TO CUSTOMER SPECIFICATION

STAINLESS STEEL FRAME

• E quipped with flat homogenous LED illumination • Luminous colors: cool white, warm white, daylight white, natural white • Variable measurements • LED power supply

OPTIONAL: • Dimmable • RGB illumination

ADVANTAGES: • Complete solution, easy to assemble, pancake design
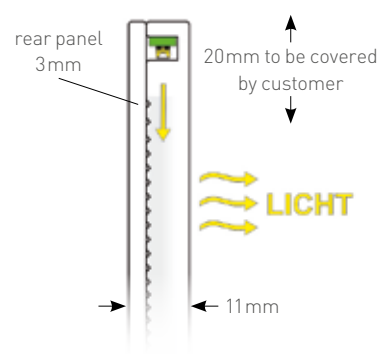
LED LUMINOUS PANEL

The LED Luminous Panel is a very slim, large-surface luminaire for built-in purposes. The basic version is suitable for indoor and outdoor installation. There is no pre-determined height or width, the Luminous Panel is made to customer specification. Minimum dimension is 80x80mm, maximum dimension is 1,500x3,000mm.

APPLICATIONS: • Illuminated element in walls or ceilings • Glare-free wall luminaire in kitchens or bathrooms • Illumination of decorative glass elements • Backlighting of artificial stone, acrylic or textiles • Illumination of flat light boxes • Light for traffic signs, pictograms, direction signs • Double-sided illumination of signs and boxes • Recessed luminaires in 600mm or 625mm grid ceilings

BENEFITS: • Customized dimensions: the luminous panel is made to customer specification only. Additional special features (e.g. round or oval shapes, rounded corners, cut-outs, etc.) are possible. • Extremely thin: the overall depth, i.e. the thickness of the luminous panel is only 11mm in the "basic" and 13mm in the "power" version. • Glare-free light: the luminous panel produces a large amount of light distributed over a relatively large surface area. The luminance and hence the glare is low. • Dimmable: the light can be dimmed continuously using an optional dimmer on the power supply. This allows the brightness to be adapted to the customers needs even in dark environments. • Low energy consumption: thanks to modern LED technology, the luminous panel has a very low power consumption. 1 m² of luminous panel has a wattage of 25W, i.e. 2m² have the same energy costs as a small candle-type incandescent light bulb. • Different colour temperatures: the luminous panel can be supplied with warm (2,700K, 3,000K), daylight (4,000K, 5,000K) or cold light (6,500K). • Coloured light: the luminous panel can also be fitted with coloured or RGB LEDs. The latter allow attractive colour changes or colourful light effects to be implemented. • Low maintenance: the light sources, i.e. the LEDs, do not have to be replaced during their entire service life of approx. 50,000 operating hours.

TECHNICAL FEATURES*:

Power rating:	ca. 25W/m²
Overall depth:	11 mm
Colour temperature:	2,700K, 3,000K, 4,000K, 5,000K, 6,500K
Typical luminous flux:	1,400lm / 700lm
Indoor connection:	Parallel connection (12V)
Outdoor connection:	Series connection
Maximum size:	1,500x3,000mm

* techn. data at 1m with two-sided illumination

rear panel 3mm

20mm to be covered by customer

LICHT

11mm

Item No.	Description
90970452100	1-rowed luminous LED panel, customised
90970452200	2-rowed luminous LED panel, customised
90970452210	2-rowed luminous LED panel incl. milky diffusor, customised
90970452400	4-rowed luminous LED panel, customised
90970452410	4-rowed luminous LED panel incl. milky diffusor, customised

POWER SUPPLY

Item No.	Description
90970452500	Power supply for luminous LED panel

ACCESSORIES

Item No.	Description
90970452600	Dimmer for luminous LED panel
90970452800	Control unit for luminous LED panel (hand-held transmitter + receiver)

STAINLESS STEEL FRAME FOR LED ACRYLIC GLASS

Item No.	Description
90953999101	Stainless steel frame, dimensions according to customer specifications

COMPONENTS ALSO AVAILABLE SEPARATELY