

Emergency exit light

Notausgangsleuchten

Eclairage des sorties



Illumination for Emergency Exits

Applications: Infrastructure Road tunnels
 Industry Production areas, warehouses, etc.
 Buildings Car parks, exhibiton halls, etc.

Benefits: Slim design
 Long lifetime
 Impact strength IK09
 IP66 certified
 EMC compatible

Custom versions on request



Example for integrated system consisting of LED Tube and Power LED Flasher - used in road tunnels



LED Tube Light, green (rear cable inlet)



LED Tube Light, green (lateral cable inlet)



Power LED Flasher

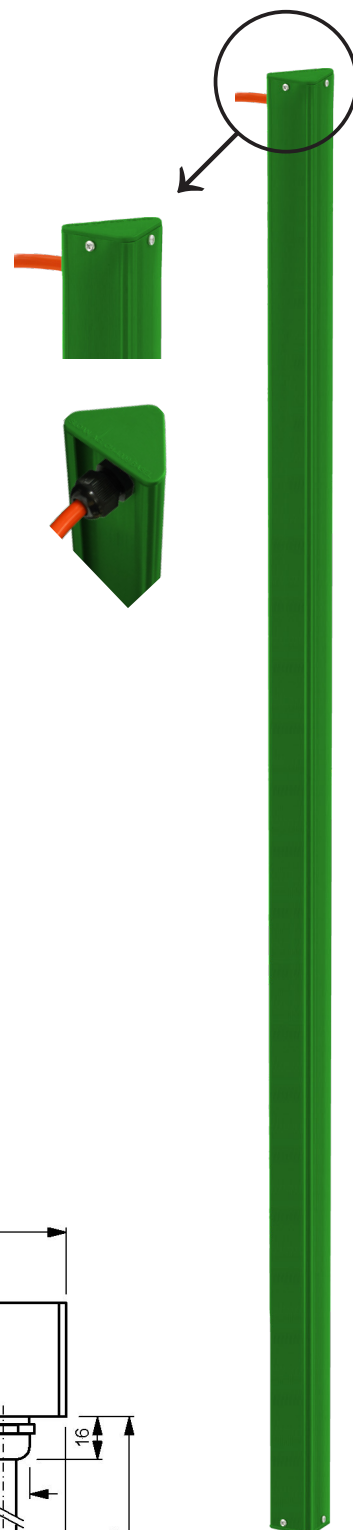
LED Tube Light, green (rear cable outlet)

Specifications

Light source	SLO-230G-00003, SMT LED green
Profile material	Makrolon DP1-1853
Profile colour	Colour RAL 6029
Profile fire safety class	UL 94V-0
Cable	Roflex 2 x 1.5mm ² , Ø8mm (halogen free)
Operating Temperature	-30 bis +85°C

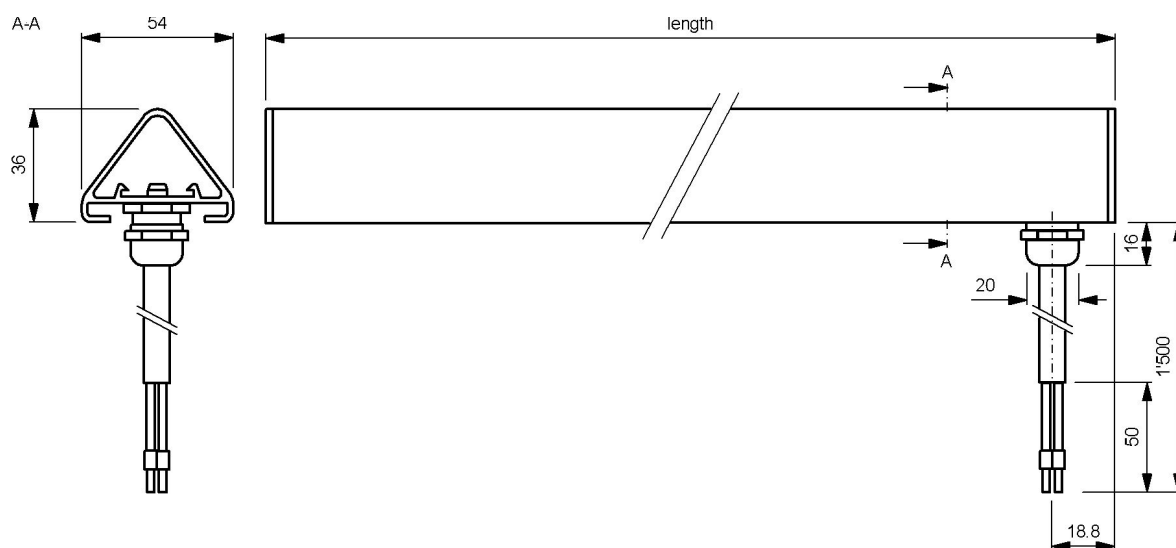
Certificates

EMC compatible	EN 61000-6-2:2001 / EN 61547:1995
IP66 certified	IEC 60529:01
Impact Strength IK09	EN 60079-0:2004
Colour guidelines	Astra guidelines version 2011 V2.08



Part-Number	Length mm	Number of LEDs	Voltage V DC	Current mA	Power W
SLO-C101-00116	440	36	24	250	6
SLO-C101-00105	840	72	24	500	12
SLO-C101-00106	1'240	108	24	750	18
SLO-C101-00108	1'640	144	24	1'000	24
SLO-C101-00109	2'040	180	24	1'250	30
SLO-C101-00113	2'440	216	24	1'500	36

Dimensions



1. All dimensions are in millimetres
2. Tolerance is ± 0.25 mm unless otherwise specified
3. Specifications are subject to change without notice

Other lengths?

- other cable length on request
- max. profile length 2440mm

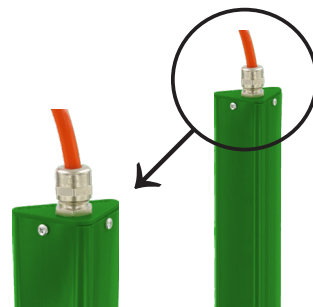
LED Tube Light, green (lateral cable outlet)

Specifications

Light source	SLO-230G-00003, SMT LED green
Profile material	Makrolon DP1-1853
Profile colour	Colour RAL 6029
Profile fire safety class	UL 94V-0
Cable	Roflex 2 x 1.5mm ² , Ø8mm (halogen free)
Operating Temperature	-30 bis +85°C

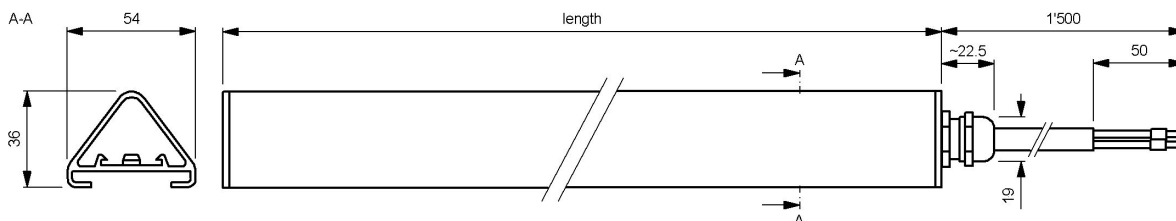
Certificates

EMC compatible	EN 61000-6-2:2001 / EN 61547:1995
IP66 certified	IEC 60529:01
Impact Strength IK09	EN 60079-0:2004
Colour guidelines	Astra guidelines version 2011 V2.08



Part-Number	Length mm	Number of LEDs	Voltage V DC	Current mA	Power W
SLO-C101-00217	440	36	24	250	6
SLO-C101-00218	840	72	24	500	12
SLO-C101-00219	1'240	108	24	750	18
SLO-C101-00220	1'640	144	24	1'000	24
SLO-C101-00221	2'040	180	24	1'250	30
SLO-C101-00222	2'440	216	24	1'500	36

Dimensions



1. All dimensions are in millimetres
2. Tolerance is ±0.25mm unless otherwise specified
3. Specifications are subject to change without notice

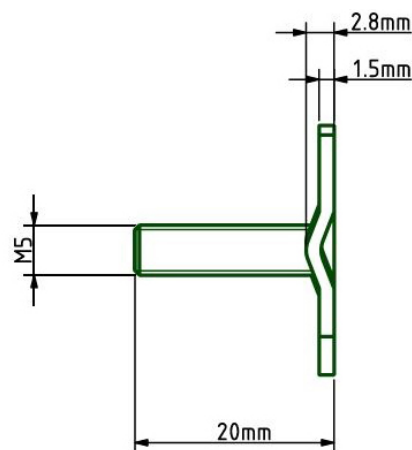
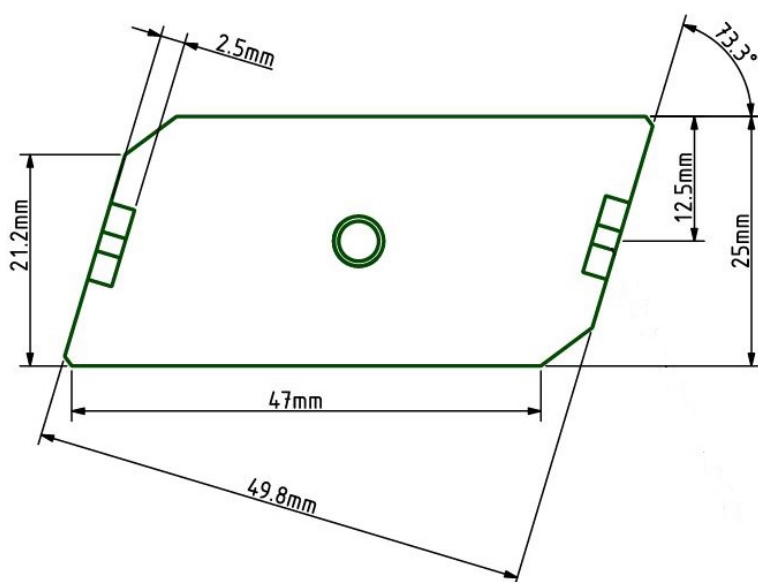
Other lengths?

- other cable length on request
- max. profile length 2440mm

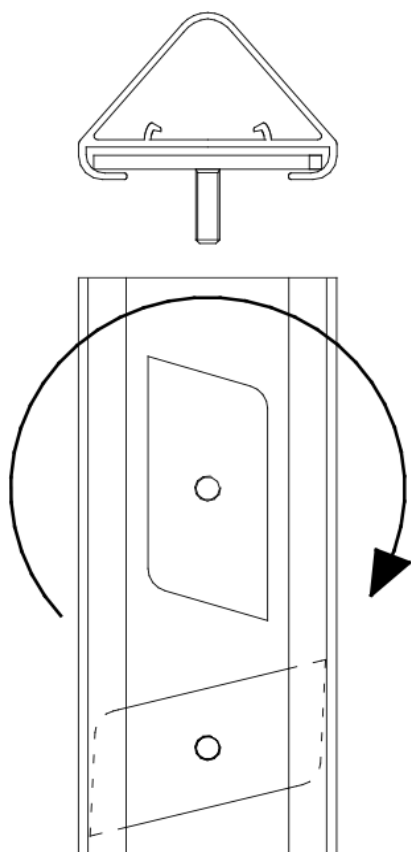
Profile-Fixation

Part-Number: SLO-4300-00003

Material: Steel V4A 1.4301 (Stainless steel)



Mounting example



1. All dimensions are in millimetres
2. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified
3. Specifications are subject to change without notice

Power LED Flasher unit

Specifications

Light source	SLO-231W-00004, SMT LED white, 6'500°K
Housing material	INOX V4A 1.4571 (Stainless steel)
Cover material	Double glass
Cable	Roflex 2 x 1.5mm ² , Ø8mm (Halogen free)
Operating Temperature	-30 bis +85°C

Operation

Only for flashing operation (no continuous operation)	min. 1Hz (duty cycle max ½)
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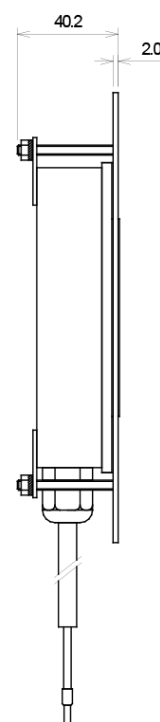
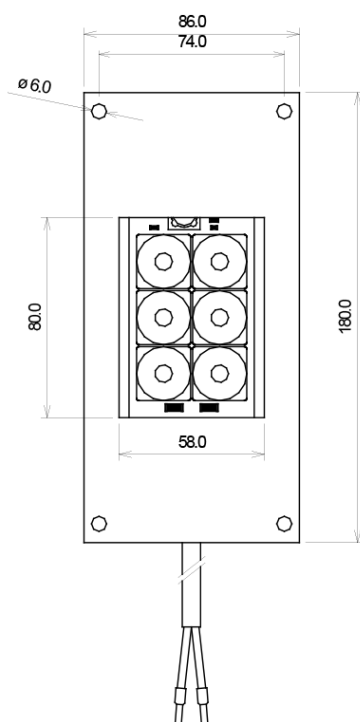
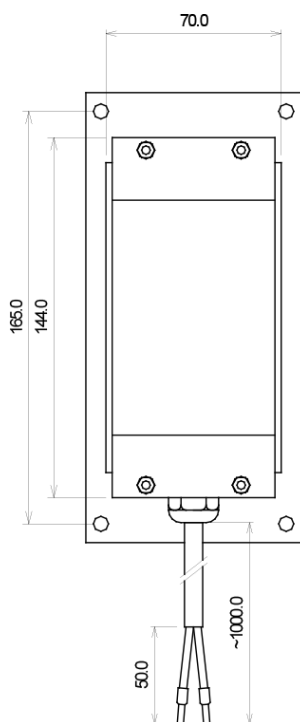
Certificates

EMC compatible	EN 61000-6-2:2001 / EN 61547:1995
IP66 certified	IEC 60529:01
Impact Strength IK07	EN 60068-2-75



Part-Number	Number of LEDs	Voltage V	Current mA	Power W	Cable length
SLO-C101-00002	6	24	500	12.00	1.0m

Dimensions



1. All dimensions are in millimetres
2. Tolerance is ±0.25mm unless otherwise specified
3. Specifications are subject to change without notice

Other lengths?

- Other cable length on request

Power LED Flasher - Module (only)

Specifications

Light source	SLO-231W-00004, SMT LED white, 6'500°K
Lens	6 x 12°, Ø26mm, Polycarbonate (PC)
PCB	Aluminium 2mm
Operating Temperature	-30 bis +85°C

Operation

Only for flashing operation (no continuous operation)	min. 1Hz (duty cycle max ½)
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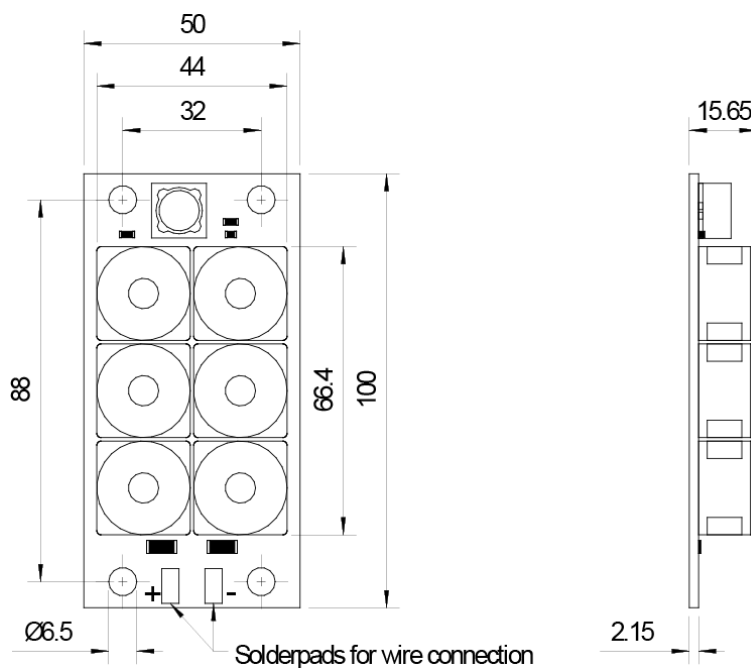
Certificates

EMC compatible	EN 61000-6-2:2001 / EN 61547:1995
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Part-Number	Number of LEDs	Voltage V	Current mA	Power W	Cable length
SLO-6000-00030	6	24	500	12.00	-
SLO-C101-00004	6	24	500	12.00	1.5m

Dimensions

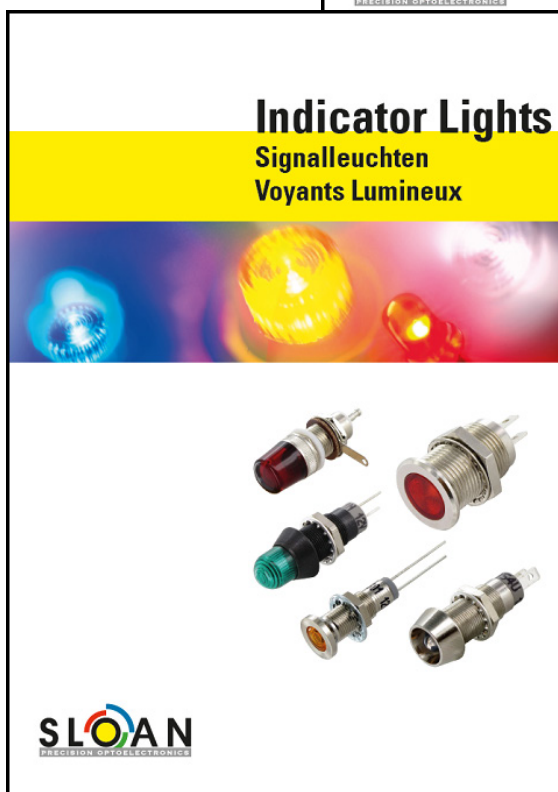




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Major application fields:

Automotive/Special vehicles:

Warning lights, emergency indicators, car immobilizing systems, car factory automation.

Blue LED flashers for Police cars, Diplomacy cars, special forces vehicles.

Consumer electronics:

Microwave ovens, toasters, coffee machines, Irons, refrigerators.

Industrial controls / Traffic controls:

Panel indicators, elevators, photo-processing darkroom lights, traffic control, railway track diagram indicators, power stations.

LED clusters for railway use.

Telecommunication:

PCB line indicators, status indicators, portable communication equipment.

Defence:

Tank/tank missiles, combat aircrafts, mine detectors warning lights, submarine engine control, fire coordination systems for tanks.

28 NATO Numbers.

NATO Manufacturer Code S3643.

French Army „GAM T1“ listed.

Aviation:

Commercial and military, cockpit lights, stewardess call systems.

Security:

Safety control panels surveillance, emergency lights.

Medical:

Fault indicators, sealed indicators for surgery equipment,

blood analyser, nurse-call systems, dentist equipment.

We strive to be a Total Quality company that anticipates and responds to our customer's needs, continuously improving our products and processes.



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