



Profiled

T - SERIES

**TEMPORARY LINEAR
LIGHTING SOLUTIONS**

OUTDOOR

230V AC

You inspire. We innovate.

Who We Are

Profiled Group is a pioneering and world-leading provider of driverless flexible linear lighting solutions. The Group was founded in Spain in 1984 and now operates globally with an R&D Center in Hong Kong and production facilities in Shenzhen. Our high-performance, direct line-voltage solutions are engineered to perform in very different environments: from high-visual-comfort indoor commercial applications, to the most demanding environments such as construction sites and tunnels.

Blending European design with Asian manufacturing excellence, we engineer lighting systems that are innovative, robust, and future-ready.

Our Philosophy

Your toughest challenges drive our creativity. When standard lighting solutions fail, we step in with tailor-made technology that pushes boundaries. Innovation is not our goal—it's our habit.

Vision

To Illuminate The Future.

We envision a world where lighting is intelligent, flexible, and sustainable—adapting to people, spaces, and the environment in real time.

Mission

To revolutionize linear lighting through our proprietary driverless, solderless, and durable solutions—delivering safety, simplicity, and sustainability to different industries.

Guided by our commitment to excellence, we partner with clients through strategic advisory and superior product ecosystems, delivering high-end lighting innovations that fundamentally elevate human-environment interactions.



Our Technology

**We Create What
Others Can't Imagine**

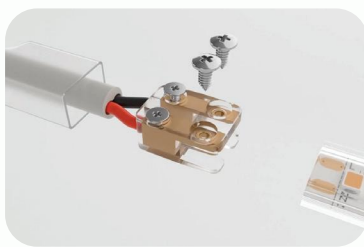
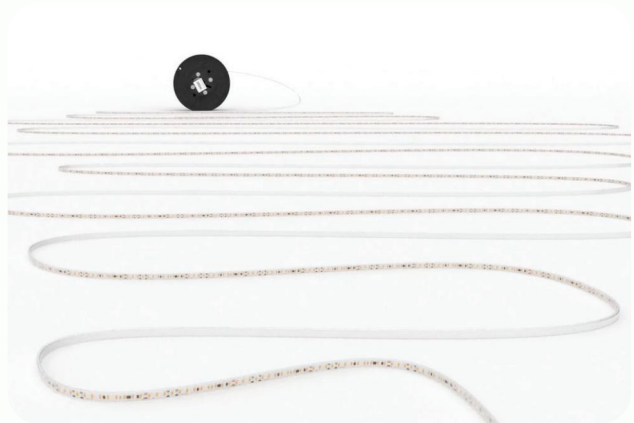


DRIVERLESS SIMPLICITY

Direct **LINE-VOLTAGE** connectivity eliminates the need for external power supplies – quicker, safer, and simpler installation. No drivers, no hassles.

INFINITE LENGTH

Ultra long-run LED flexible linear lighting solutions **up to 500m** with only one power input.



Solderless

Our in-house solderless connectors ensure a **SMOOTHER, QUICKER and SAFER INSTALLATION** without the common issues caused by poor soldering.



Encapsulations

We adapt our materials according to the environment they are used in, **PRIORITIZING THE SAFETY AND HEALTH** of users.



Customizability

We're not selling products—we are here to listen to your needs and offer tailored **SOLUTIONS**.

Driverless.
Endless.
Magical.

TEMPORARY LIGHTING SOLUTIONS

FOR OUTDOOR

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T-Series is ideal for harsh environments like mines, tunnels, and construction sites, where constant, reliable lighting is critical. With the ability to run up to 500m from a single power input, our solutions offer unmatched durability, low maintenance, and energy efficiency. They are designed to withstand high humidity, harmful gases, and extreme conditions, providing cost-effective, long-lasting performance 24/7.

APPLICATIONS

- Mining (Open-pit Mining & Underground Mining)
- Warehouse
- Construction Site
- Temporary Tents (Medical tent & Military tent)
- Parking Lots





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CONTINUOUS
LINEAR
LIGHTING
SOLUTIONS



TEMPORARY SERIES – T100

T100 is the new generation LED strips designed for demanding environments. High lumen output, built to last, quick to install and ability to connect up to 100m in one chain. Automatic glow in the dark effect in case of power failure makes the construction site more safe.

 >90lm/W	 100m Linkable	 Dimmable	 Safety Glow	Power Factor >0.9
 IK10	 IP67	 UV & Chemical Resistant	 Anti-Glare Frosted Cover	Driverless Solution
EMC TESTED 100m	 Patented	 Connect Plug & Play	 Low Flicker	

TEMPORARY LINEAR LIGHTING SOLUTIONS

Outdoor

Ref. TEMPORARY SERIES - T100



OPTIONS

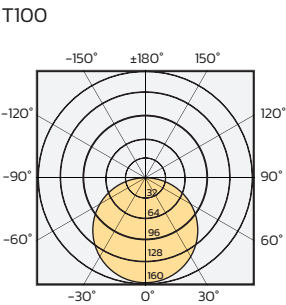
	Power	LEDs/m	Size	Max. Length	Working hours	Lifetime (L70,B10)	Article No.
Light Duty	14W/m	56	12X5mm	100m	<10h/day	25,000h	T100L
Heavy Duty	14W/m	112	12X5mm	100m	24h/day	35,000h	T100H

*Configuration options available upon request.

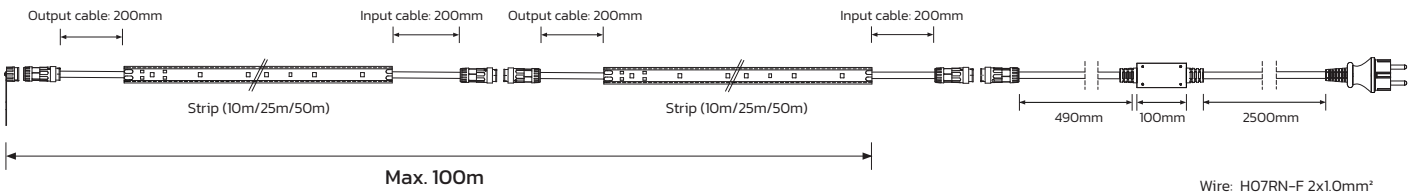
SPECIFICATIONS

Article No.	T100L	T100H
LEDs/m	56	112
Min. cutting length	250mm	125mm
Lifetime (L70, B10)	25000h	35000h
LED type	2835	
Voltage	220V~240V	
Power (W/m)	14	
Luminous Flux per Metre (Lumen/m)	1300	
Luminous Efficacy (Lumen/W)	>90	
CCT	6000K	
Power factor	>0,9	
Beam angle	120°	
CRI	>80	
IP rating	67	
IK rating	10	
Ambient temp	-20°C - + 45 °C	
Input cable	200mm H07RN-F with quick connector	
Output cable	200mm H07RN-F with quick connector	
Power cable	3000mm H07RN-F with quick connectors & Schuko plug	
Material	Frosted silicone with glow effect	
Maximum length	100m	
Min. bend diameter	d≥ 50mm	
Dimming	Trailing-edge	

LIGHT DISTRIBUTION

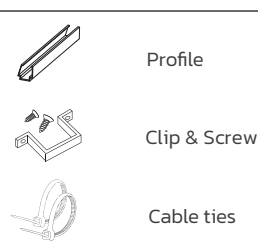


WIRING GUIDE

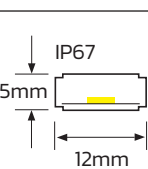


Wire: H07RN-F 2x1.0mm²

INSTALLATION METHODS



DIMENSIONS



PACKING INFO

Reel	Size(mm)	Weight(kg)
10m	Ø220 x H45	2
25m	Ø350 x H85	3,3
50m	Ø220 x H215	6,5

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**PATENTED
DISCONTINUOUS
LINEAR
LIGHTING
SOLUTIONS**



 >85lm/W	 300/500m Linkable	 Dimmable	 Safety Glow	Power Factor >0.9
 IK10	 IP67	 UV & Chemical Resistant	 Anti-Glare Frosted Cover	 Driverless Solution
 500m	 Patented	 Connect Plug & Play	 Low Flicker	 Discontinuous Light

TEMPORARY SERIES - T300/T500

T300/T500 are designed specifically for tunnels and mining. A unique design with more robust jacket, discontinuous lighting effect and possibility to go up to 500m in one chain. This saves both installation time and cost of power cables in the tunnel projects.

TEMPORARY LINEAR LIGHTING SOLUTIONS

Outdoor

Ref. TEMPORARY SERIES – T300/T500

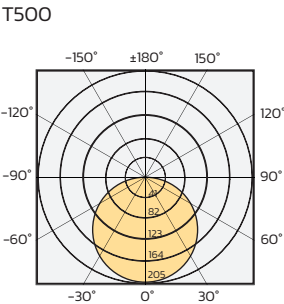
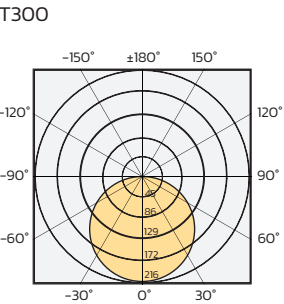


OPTIONS

	Power	LEDs/m	Size	Cutting length	Max. Length	Working hours	Lifetime (L70,B10)	Article No.
Light Duty	3W/m	11	12X5mm	250mm	300m	<10h/day	25,000h	T300L
Heavy Duty	3W/m	22	12X5mm	125mm	300m	24h/day	35,000h	T300H
Light Duty	3W/m	11	22X5mm	250mm	500m	<10h/day	25,000h	T500L
Heavy Duty	3W/m	22	22X5mm	125mm	500m	24h/day	35,000h	T500H

*Configuration options available upon request.

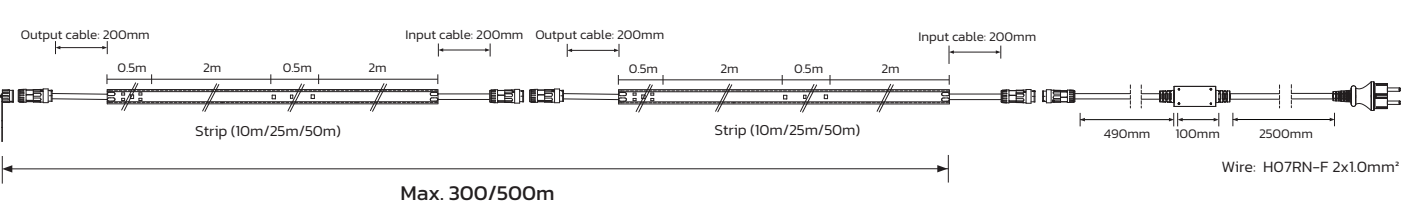
LIGHT DISTRIBUTION



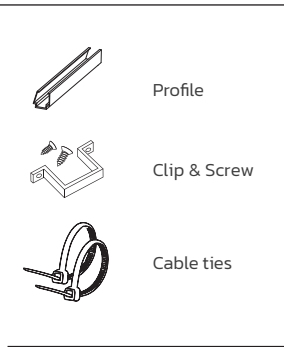
SPECIFICATIONS

Article No.	T300L/T300H	T500L/T500H
LEDs/m	11/22	11/22
Maximum length	300m	500m
Lifetime (L70, B10)	25000h/35000h	25000/35000h
LED type	2835	
Power (W/m)	3	
Luminous Efficacy (Lumen/W)	85	
Luminous Flux per Metre (Lumen/m)	255	
Voltage	220V~240V	
Power factor	>0,95	
Beam angle	120°	
CRI	>80	
CCT	6000K	
IP rating	67	
IK rating	10	
Ambient temp	-20°C – + 45°C	
Input cable	200mm H07RN-F with quick connector	
Output cable	200mm H07RN-F with quick connector	
Power cable	3000mm H07RN-F with quick connectors & Schuko plug	
Material	Frosted silicone with glow effect	
Min. bend diameter	d≥ 50mm	
Dimming	Trailing-edge	

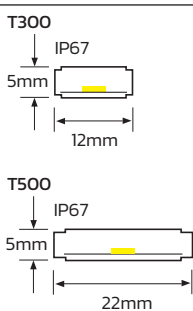
WIRING GUIDE



INSTALLATION METHODS



DIMENSIONS



PACKING INFO (T300)

Reel	Size(mm)	Weight(kg)
10m	Ø220 x H45	2
25m	Ø220 x H105	3,5
50m	Ø220 x H215	8

PACKING INFO (T500)

Reel	Size(mm)	Weight(kg)
25m	Ø220 x H215	8

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SIGNAL LINEAR LIGHTING SOLUTIONS



TEMPORARY SERIES -TG/TR

To indicate exits or hazardous places, this generation of LED strips was created especially for demanding environments. These signal strips can be attached to Flex LED strips T100/T300/T500 and are used to designate particular passageways.

 100m Linkable	 Dimmable	 Safety Glow	 Power Factor >0.9	 Driverless Solution
 IK10	 IP67	 UV & Chemical Resistant	 Anti-Glare Frosted Cover	
 EMC TESTED 100m	 Patented	 Connect Plug & Play	 Low Flicker	

TEMPORARY LINEAR LIGHTING SOLUTIONS

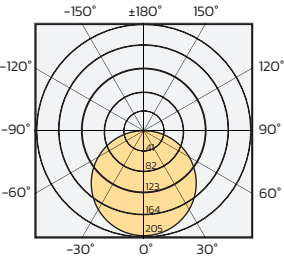
Outdoor

Ref. TEMPORARY SERIES – TG / TR

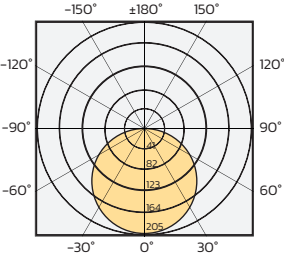


LIGHT DISTRIBUTION

TG



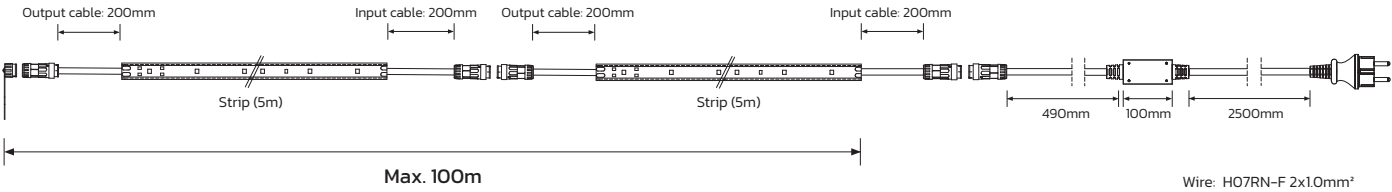
TR



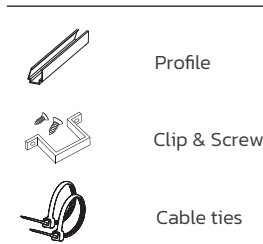
SPECIFICATIONS

Article No.	TG	TR
Color	Green	Red
LED type	2835	
LEDs/m	56	
Power (W/m)	14	
Voltage	220V~240V	
Power factor	>0,9	
Lifetime (L70, B10)	30,000h	
Beam angle	120°	
IP rating	67	
IK rating	10	
Ambient temp	-20°C - + 45°C	
Input cable	200mm H07RN-F with quick connector	
Output cable	200mm H07RN-F with quick connector	
Power cable	3000mm H07RN-F with quick connectors & Schuko plug	
Material	Frosted silicone glue with signal color	
Maximum length	100m	
Min. cutting length	250mm	
Min. bend diameter	d≥ 50mm	
Dimming	Trailing-edge	

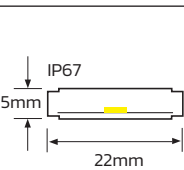
WIRING GUIDE



INSTALLATION METHODS



DIMENSIONS



PACKING INFO (TG/TR)

Reel	Size(mm)	Weight(kg)
5m	Ø220 x H105	2

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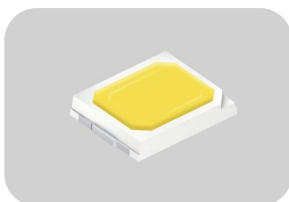
DESIGNED FOR
THE HARSH
ENVIRONMENT
24h/day

Our Heavy Duty solutions are designed for those projects that operate 24 hours a day and require long lifetime in harsh environments. Exclusive technology for more durable and robust solutions.

We have developed some solutions even for the most demanding environments with high humidity levels and presence of gases with high content of Sulphur and other corrosive elements. Solutions recommended for **24h operating time and harsh conditions**.

Reinforced LEDs

- Special airtight encapsulation material that prevents external agents to come inside the LED.
- Coated lead frame to prevent corrosion and metal migration.

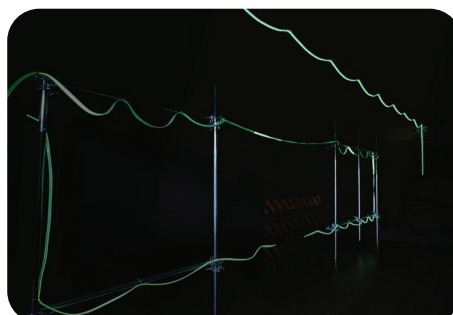


External Jacket

- External low porosity plastic jacket in order to prevent gases to pass through.
- Changeable jacket to protect the strip from painting or other materials.



Glow Effect



E-Glow in the dark effect to provide extra source of light when there is a power shortage.

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**BATTERY
BACKUP
SYSTEMS**



BATTERY BACK-UP

A battery backup increases safety and makes sure that when the power loss occurs there will always be enough light to safely exit. The backup system gives 2H/1+1H battery time. The backup system dims down the LED strips to 10% light in emergency mode and can be used to T100 flex LED strips or 1700W.



BATTERY BACKUP SYSTEMS

Indoor / Outdoor

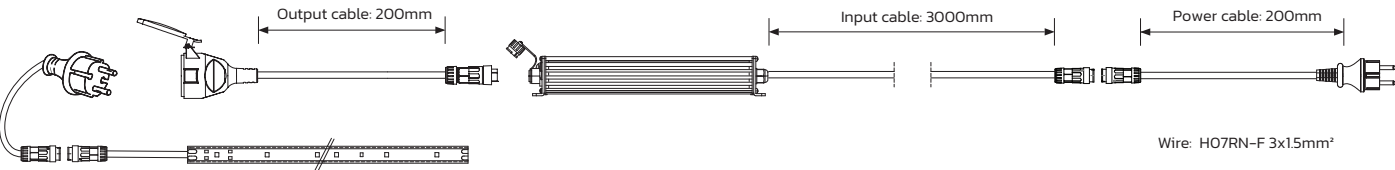
Ref. BATTERY BACK-UP



SPECIFICATIONS

Article No.	039204
Voltage	110V~230V
Emergency mode power output	42W (70-250VDC)
Max. load	1700W
Minimum load	42W
Battery	21,6V 5000mAh lithium battery
Charging time	10H
Battery time	1+1H/2H
IP rating	65
IK rating	10 (For aluminium version)
Ambient temp	-10°C - + 50°C
Input cable	3m H07RN-F with quick connector & Schuko
Output cable	200mm H07RN-F with quick connector
Power cable	200mm H07RN-F with quick connector
Material	Aluminium/Plastic housing

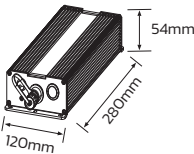
WIRING GUIDE



INSTALLATION METHODS



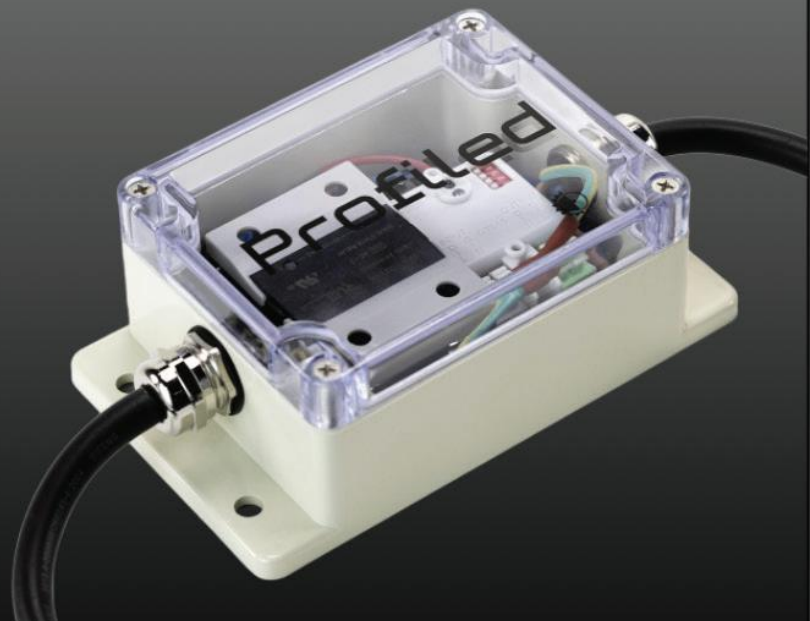
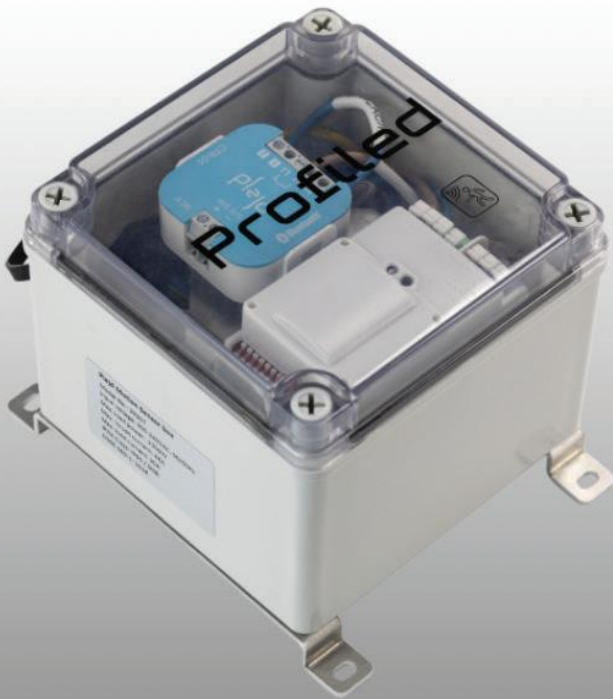
DIMENSIONS



PACKING INFO

Net weight (kg): 13
Carton gross weight (kg): 14.16
Packing quantity: 6 in 1 box
Carton size (cm): 43x28x38.5

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CONTROLLERS

The Connect plug & play system makes it easy to use the controller most suitable to the project in order to save energy and reduce light pollution.

CONTROLLERS

Indoor/Outdoor

Ref. CONTROLLERS



Energy guard dimmer

Art: 039205

Dim down the led strip and save up to 80% of the energy consumption after work hours. Save energy and reduce light pollution. Can control up to 100m LED strip.



Light sensor

Art: 039206

Automatically turns the lighting on or off based on sunrise and sunset, adapting to twilight conditions.



Motion sensor

Art: 039207

Up to 35m detection range and linkable.



Bluetooth controller

Art: 039208

Creates mesh network and timer function programmable by phone.



SPECIFICATIONS

Name	Energy guard dimmer	Motion sensor	Bluetooth controller	Light sensor
Article No.	039205	039207	039208	039206
Max. load	1600W	2700W	1600W	1600W
Dimensions (L x W x H mm)	120x145x110	120x145x110	120x145x110	190x190x55
Weight (Kg)	0,8	0,8	0,8	0,5
Dimming	Yes	Yes	1-10V	No
Connectable to battery-backup	Yes	No	No	No
Voltage	220V~240V			
IP rating	65			
Ambient temp	-20°C - + 45°C			
Incoming cable	H07RN-F with quick connector M19 and Schuko plug			
Material	PC with aluminium bracket			

R&D Center

Unit 1901B, 19F, Allied Kajima Building,
138 Gloucester Road,
Wanchai, Hong Kong S.A.R.

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