

Profiled



G - SERIES

**GENERAL LINEAR
LIGHTING SOLUTIONS**

INDOOR/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.

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.

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.

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**

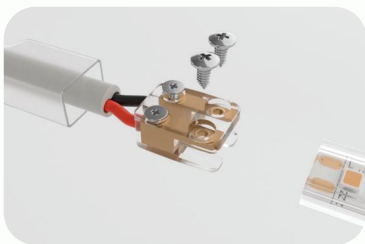


DRIVERLESS SIMPLICITY

Direct **LINE-VOLTAGE** connectivity eliminates the need for external power supplies – quicker, safer, and more 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.

GENERAL LIGHTING SOLUTIONS

INDOOR/OUTDOOR

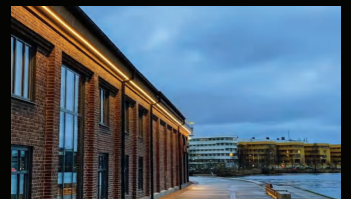
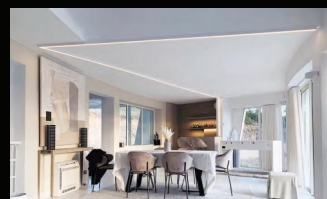
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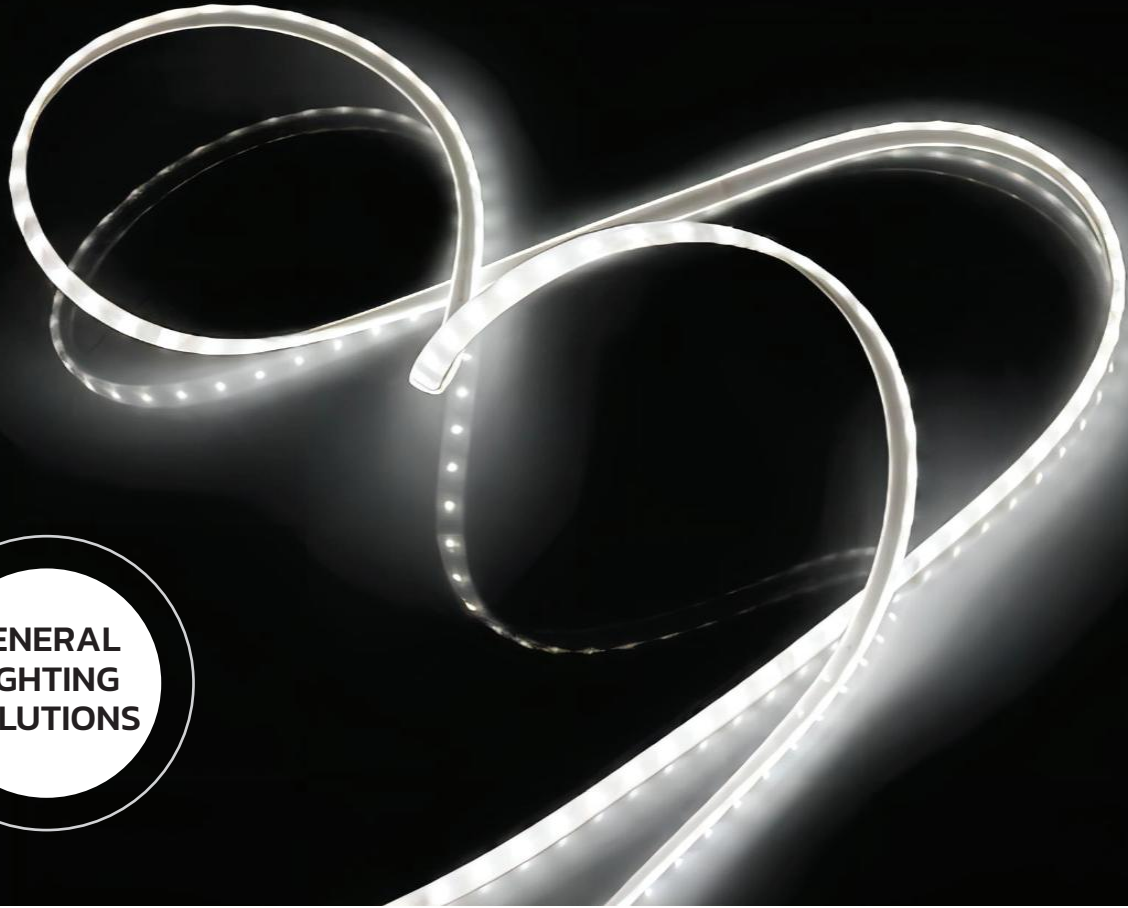
APPLICATION

- Architectural
- Residential
- Commercial
- Public Infrastructure
- Warehousing
- Signage

G-Series line-voltage general lighting solutions deliver high-efficiency, low flicker illumination for up to 100 meters. Perfect for public areas, commercial spaces, architectural lighting, and hospitality, these solutions provide bright, reliable light with minimal maintenance. Designed for energy efficiency and durability, our products ensure optimal performance, offering long-lasting value and reducing operational costs while enhancing the visual appeal of any space.














Profiled



**GENERAL
LIGHTING
SOLUTIONS**



 >100lm/W	 100m Linkable	 Dimmable	 10cm Cutting length
 IK08/10	 IP65/67	 UV & Chemical Resistant	 Low Flicker
 Driverless Solution	 EMC TESTED	 Patented	

GENERAL SERIES - G70/G112/G60/G120/G140

Single color linear lighting solutions up to 100m specially designed to provide efficient and continuous light without any external power supply. An ideal solution due to its compact size, short cutting length and solder-less connections.

GENERAL LIGHTING SOLUTIONS

Indoor/Outdoor

Ref. **GENERAL SERIES - G70/G112/G60/G120/G140**



OPTIONS

	Power	LEDs/m	Size	Max. Length	LED Type	Efficiency(lm/W)	Lifetime (L80, B10)	Article No.
NO IC	1-20W	70/112	10X4mm	50m	2835	>90	25,000h	G70/G112
IC	1-20W	60/120/140	12X4mm	100m	2835	>100	30,000h	G60/G120/G140

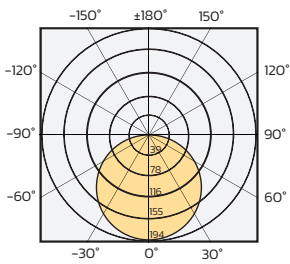
*Configuration options available upon request.

SPECIFICATIONS

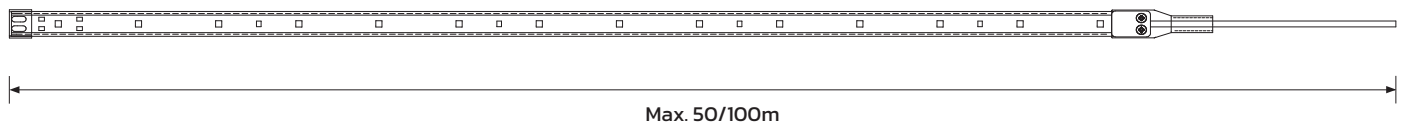
Article No.	G70	G112	G60	G120	G140
LEDs/m	70	112	60	120	140
Min.Cutting length (mm)	500	125	200	100	100
Efficiency (lm/W)	>90	>90	>100	>100	>100
CRI	>80	>80	>80-95	>80-95	>80-95
IP	65	65	65/67	65/67	65/67
Maximum length	50m	50m	100m	100m	100m
Voltage	230 V AC \pm 10%				
Power (W/m)	1-20W				
Power factor	>0,9				
Beam angle	120°				
CCT	2100K-9000K				
IK	08/10				
Ambient temp	-20 - + 45 °C				
Material	High transparent silicone				
Dimmable	Traic - phase cut				

LIGHT DISTRIBUTION

G120



WIRING GUIDE



INSTALLATION METHODS

DIMENSIONS

PACKING INFO (G70/G112)

Reel	Size(mm)	Weight(kg)
5m	Ø200 x H12	0,4
10m	Ø254 x H12	0,8
25m	Ø220 x H45	1,5
50m	Ø220 x H10	3,0

PACKING INFO (G60/G120/G140)

Reel	Size(mm)	Weight(kg): IP65/67
5m	Ø200 x H12	0,4/0,5
10m	Ø254 x H12	0,8/0,1
25m	Ø220 x H45	1,5/2,0
50m	Ø220 x H105	3,0/3,9
100m	Ø220 x H215	6,5/7,5



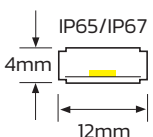
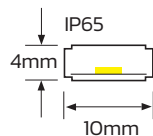
Profile



Clip & Screw



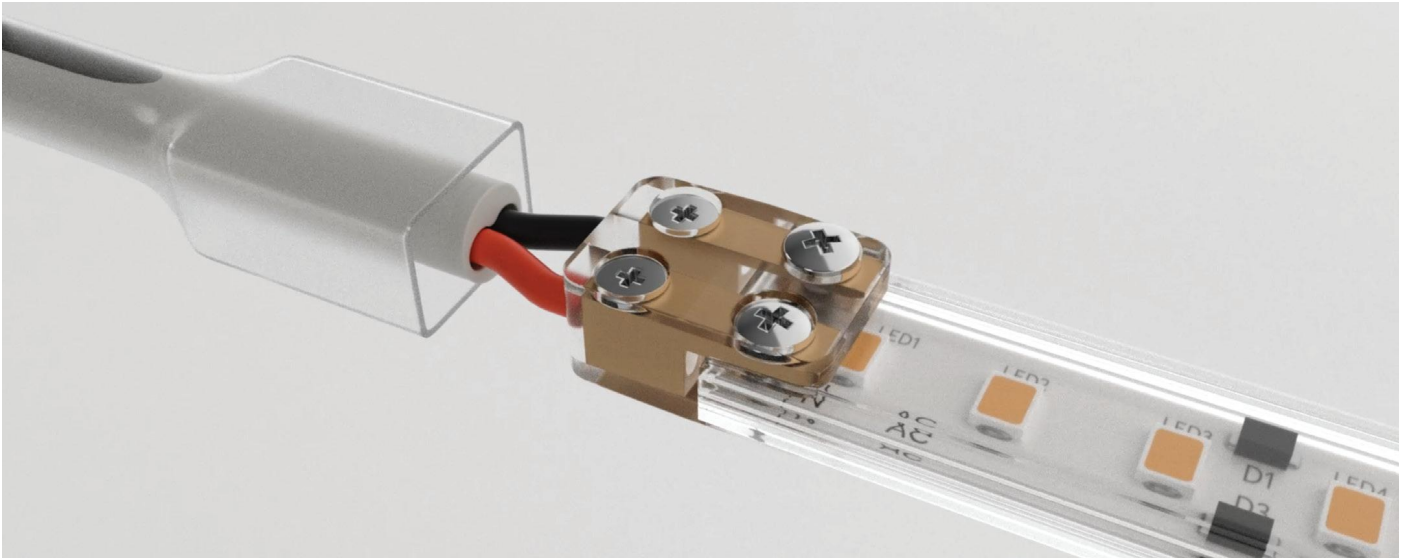
Cable ties



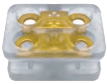
GENERAL LIGHTING SOLUTIONS

Indoor/Outdoor

Ref. ACCESSORIES - G60/G120/G140



Strip to Strip Connectors



Bridge Connector
039014



T Connector
039015



Cross Connector
039016



90° Vertical Connector
039182



90° Flat Connector
039164



Screw
039049



Strip Cap
039161



End Cap
039059

Cable to Strip Connectors



Terminal Block
039075



Screw
039116



Screw
039091



End Cap
039059



Power Cap
039100

Bridge Connector Kit

Ref. 039199

- (1 pc) Bridge Connector
- (2 pcs) Power Cap
- (4 pcs) Screw

T Connector Kit

Ref. 039230

- (1 pc) T Connector
- (3 pcs) Power Cap
- (6 pcs) Screw

Cross Connector Kit

Ref. 039231

- (1 pc) Cross Connector
- (4 pcs) Power Cap
- (8 pcs) Screw

90° Vertical Connector Kit

Ref. 039200

- (1 pc) 90° Vertical Connector
- (2 pcs) Power Cap
- (4 pcs) Screw

90° Flat Connector Kit

Ref. 039201

- (1 pc) 90° Flat Connector
- (2 pcs) Power Cap
- (4 pcs) Screw

Terminal Block Kit

Ref. 039075

- (1 pc) Terminal Block Kit
- (1 pc) Power Cap
- (1 pc) End Cap
- (4 pcs) Screw

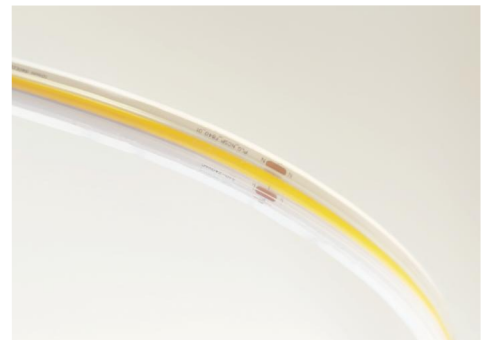


ErP | LVD | EMC



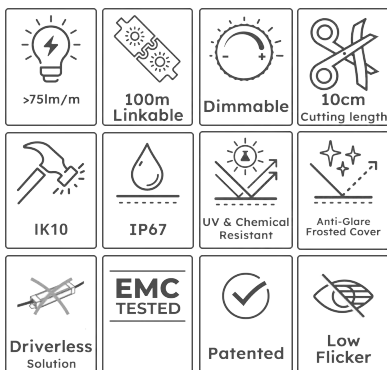
Profiled

**COB
LIGHTING
SOLUTIONS**



GENERAL SERIES - COB 840

Our COB Back light solution is a perfect combination of our driverless, and the emerging COB (chip on board) technologies. High efficient long run solutions delivering seamless and dotless illumination.



ErP | LVD | EMC



GENERAL LIGHTING SOLUTIONS

Indoor/Outdoor

Ref. **GENERAL SERIES - COB 840**

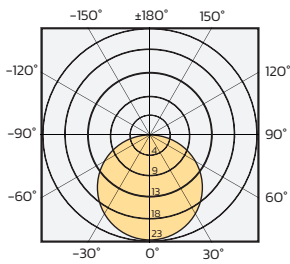


SPECIFICATIONS

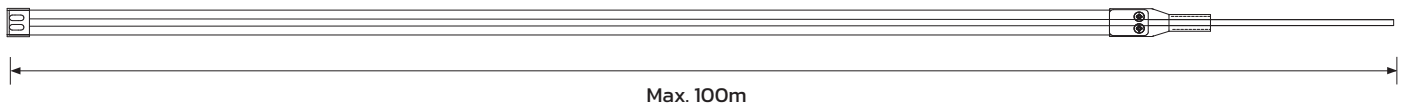
Article No.	COB 840
LEDs/m	840
Min.Cutting length (mm)	100
Efficiency (lm/W)	75
Maximum length	100m
Voltage	230 V AC \pm 10%
Power (W/m)	12W
Power factor	>0,9
Beam angle	130°
CCTK	2700K
CRI	90
IP	67
IK	10
Ambient temp	-30 - + 40 °C
Material	High transparent silicone
Dimmable	Traic - phase cut
Double-sided adhesive	3M LSE
Reel	5/10/25/50m

LIGHT DISTRIBUTION

COB 840



WIRING GUIDE



INSTALLATION METHODS

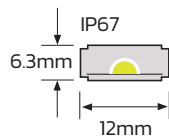


Profile



Clip & Screw

DIMENSIONS



PACKING INFO (COB 840)

Reel	Size(mm)	Weight(kg)
100m	L490xW250xH260	10

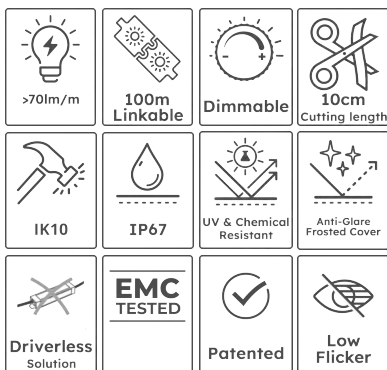
Profiled

**COB
LIGHTING
SOLUTIONS**



GENERAL SERIES - COB 840 NEON

Anti-glare neon effect COB back light. Short minimum cutting length and can be used directly without diffuser delivering very consistent and high CRI light. Up to 100m and driverless.



CB

SAA APPROVALS

SASO

PS E

ErP | LVD | EMC



CE



RoHS



GENERAL LIGHTING SOLUTIONS

Indoor/Outdoor

Ref. **GENERAL SERIES - COB 840 NEON**

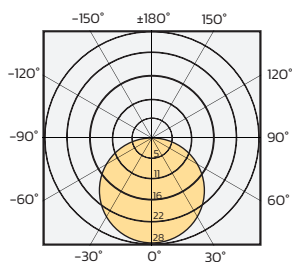


SPECIFICATIONS

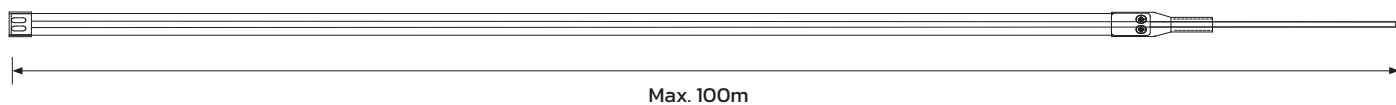
Article No.	COB 840 NEON
LEDs/m	840
Min.Cutting length (mm)	100
Efficiency (lm/W)	70
Maximum length	100m
Voltage	230 V AC \pm 10%
Power (W/m)	12W
Power factor	>0,9
Beam angle	120°
CCTK	2700K
CRI	90
IP	67
IK	10
Ambient temp	-30 - + 40 °C
Material	Frosted silicone
Dimmable	Traic - phase cut
Double-sided adhesive	3M LSE
Reel	5/10/25/50m

LIGHT DISTRIBUTION

COB 840 NEON



WIRING GUIDE



INSTALLATION METHODS

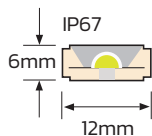


Profile



Clip & Screw

DIMENSIONS



PACKING INFO (COB 840 NEON)

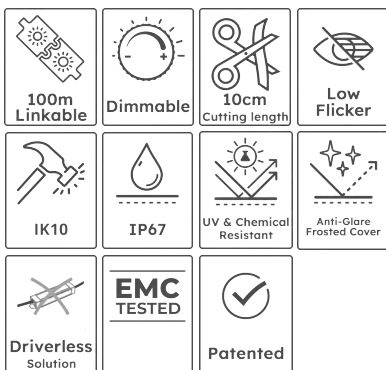
Reel	Size(mm)	Weight(kg)
100m	L490xW250xH260	10

COB LIGHTING SOLUTIONS



GENERAL SERIES – COB 840 SIDE VIEW

Our COB side view is specially developed to fit in narrow fixtures. State of the art driverless COB technology for lighting professionals looking for the highest efficiency and performance.



GENERAL LIGHTING SOLUTIONS

Indoor/Outdoor

Ref. **GENERAL SERIES - COB SIDE VIEW**

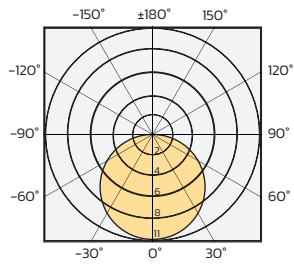


SPECIFICATIONS

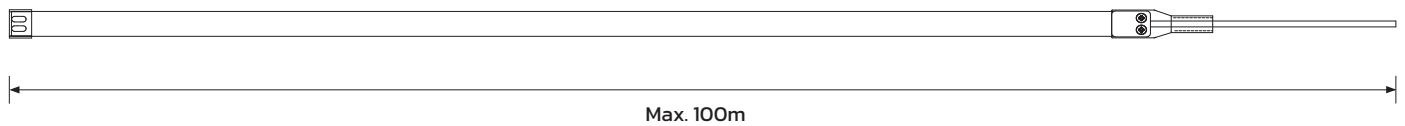
Article No.	COB 840 SIDE VIEW
LEDs/m	840
Min.Cutting length (mm)	100
Efficiency (lm/W)	40
Maximum length	100m
Voltage	230 V AC \pm 10%
Power (W/m)	12W
Power factor	>0,9
Beam angle	120°
CCTK	2700K
CRI	90
IP	67
IK	10
Ambient temp	-30 - + 40 °C
Material	High transparent silicone
Dimmable	Traic - phase cut
Double-sided adhesive	3M LSE
Reel	5/10/25/50m

LIGHT DISTRIBUTION

COB 840 SIDE VIEW



WIRING GUIDE



INSTALLATION METHODS

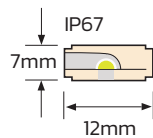


Profile



Clip & Screw

DIMENSIONS



PACKING INFO (COB SIDE VIEW)

Reel	Size(mm)	Weight(kg)
100m	L490xW250xH260	11

Profiled













**CCTK
LINEAR
LIGHTING
SOLUTIONS**



GENERAL SERIES - CCTK120

Driverless technology delivering adjustable CCTK from 2700K to 6500K and up to 100m with a single power input. Developed to create different moods and atmospheres with all the advantages of our line voltage solutions.

 100m Linkable	 Dimmable	 10cm Cutting length	 Low Flicker
 IK08	 IP65	 UV & Chemical Resistant	
 Driverless Solution	 EMC TESTED	 Patented	



ErP | LVD | EMC



GENERAL LINEAR LIGHTING SOLUTIONS

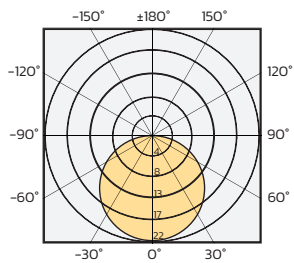
Indoor/Outdoor

Ref. **GENERAL SERIES - CCTK120**



LIGHT DISTRIBUTION

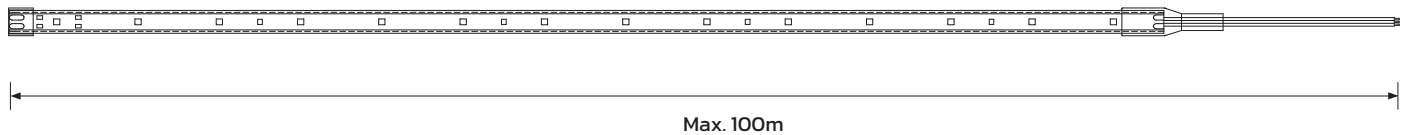
CCTK 120 2700K



SPECIFICATIONS

Article No.	CCTK120
LEDs/m	120
LED type	2835
W/m	2x6W
Efficiency(lm/W)	>100
Voltage	230 V AC \pm 10%
Beam angle	120°
Color	Range 2700K-6500K
Power factor	>0,9
IK	08
IP	65
Ambient temp	-20 - + 45 °C
Lifetime L80 B10	30,000h
Material	Silicone
Cutting length	100mm
Maximum connectable length	100m
Reel	10/25/50m

WIRING GUIDE



INSTALLATION METHODS



Profile

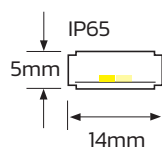


Clip & Screw



Cable ties

DIMENSIONS



PACKING INFO (CCTK120)













Reel	Size(mm)	Weight(kg)
100m	L490xW250xH260	13

Profiled



**RGB
LINEAR
LIGHTING
SOLUTIONS**



 True White RGB solution	 50m Linkable	 Dimmable	 50cm Cutting length
 IK10	 IP67	 UV & Chemical Resistant	 Anti-Glare Frosted Cover
 Driverless Solution	 EMC TESTED	 Patented	 Low Flicker

GENERAL SERIES - RGB50/RGB140

Our cutting-edge True White RGB Series redefines lighting excellence by seamlessly integrating versatile functionality with sophisticated design. Engineered with proprietary True White technology, it delivers up to 50m of continuous light ideal for changing the appearance and mood of spaces.

GENERAL LINEAR LIGHTING SOLUTIONS

Indoor/Outdoor

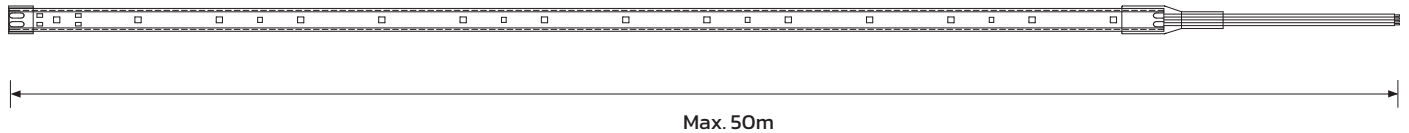
Ref. **GENERAL SERIES - RGB50/RGB140**



SPECIFICATIONS

Article No.	RGB50	RGB140
LEDs/m	50	140
LED type	5050	2835
W/m	14	3x6
Efficiency(lm/W)	>50	
Voltage	230 V AC \pm 10%	
Beam angle	120°	
Color	RGB with True White 5500K/RGB	
Power factor	>0,9	
IK	10	
IP	67	
Ambient temp	-20 - + 45 °C	
Lifetime L80 B10	30,000h	
Material	High transparent silicone	
Cutting length	500mm	
Maximum connectable length	50m	

WIRING GUIDE



INSTALLATION METHODS



Profile

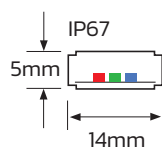


Clip & Screw



Cable ties

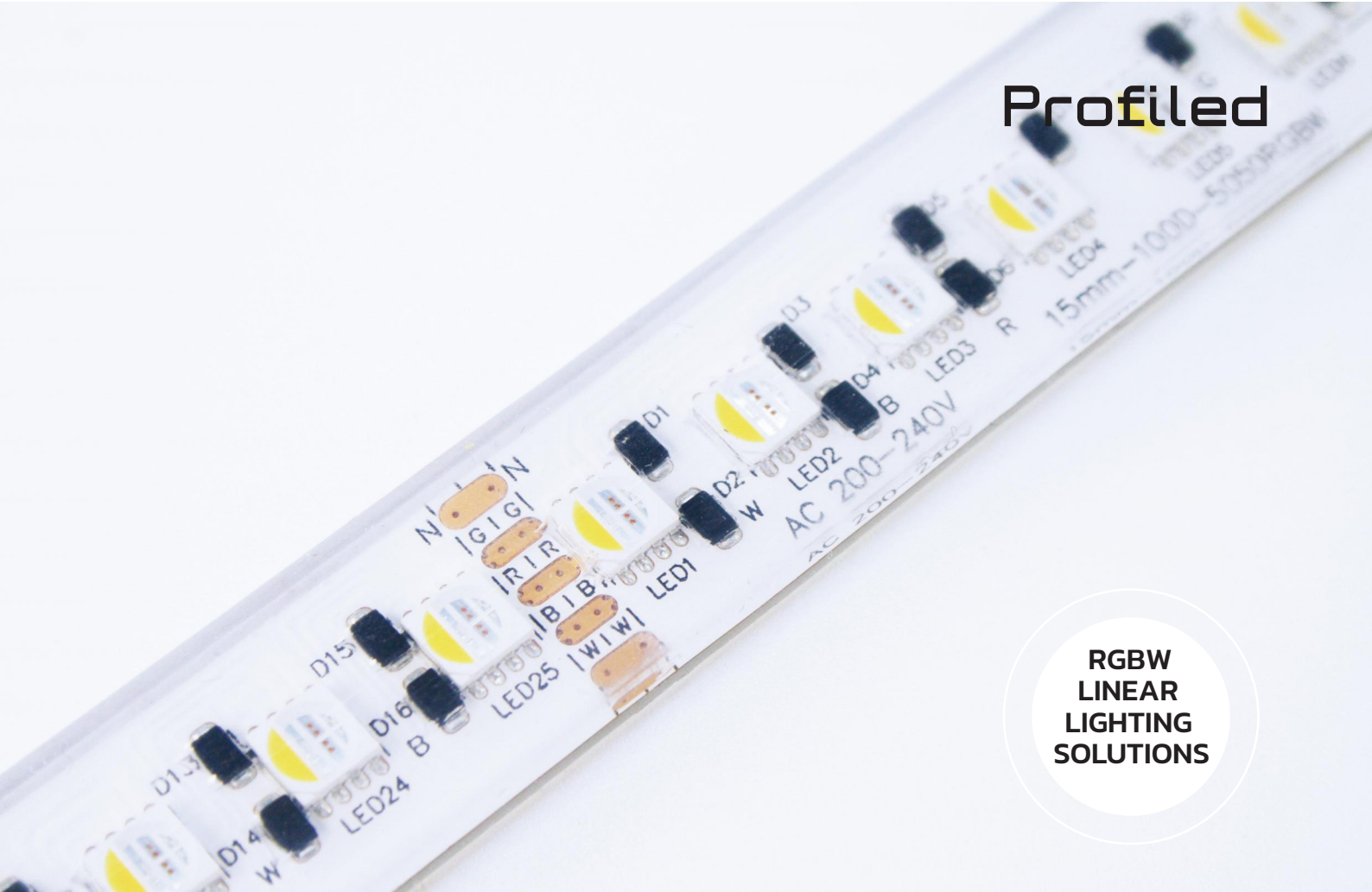
DIMENSIONS



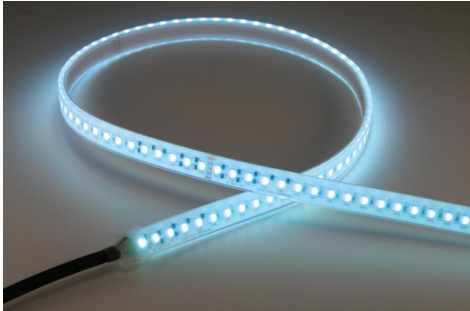
PACKING INFO (RGB50/RGB140)











Reel	Size(mm)	Weight(kg)
25m	Ø220 x H105	3,5
50m	Ø220 x H215	7

Profiled



**RGBW
LINEAR
LIGHTING
SOLUTIONS**



 50m Linkable	 Dimmable	 50cm Cutting length	 Driverless Solution
 IK10	 IP67	 UV & Chemical Resistant	 EMC TESTED
 Patented	 Low Flicker		

GENERAL SERIES - RGBW50

RGBW delivers all the versatility of our long run driverless RGB solution but also includes a white channel in 2700K perfect to create indoor cozy and warm atmospheres.

GENERAL LINEAR LIGHTING SOLUTIONS

Indoor/Outdoor

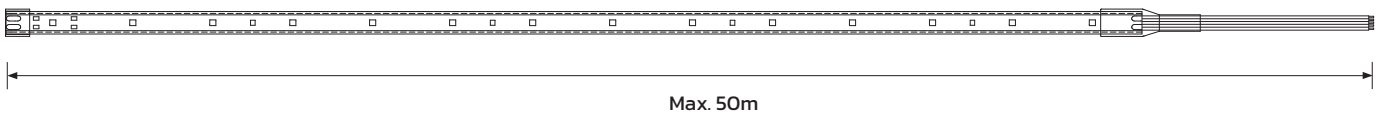
Ref. **GENERAL SERIES - RGBW50**



SPECIFICATIONS

Article No.	RGBW50
LEDs/m	50
LED type	5050
W/m	3x3W-1x6W
Efficiency(lm/W)	>50
Voltage	230 V AC \pm 10%
Beam angle	120°
Color	RGB & 2700K
Power factor	>0,9
IK	10
IP	67
Ambient temp	-20 - + 45 °C
Lifetime L80 B10	30,000h
Material	High transparent silicone
Cutting length	500mm
Maximum connectable length	50m

WIRING GUIDE



INSTALLATION METHODS



Profile

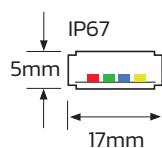


Clip & Screw



Cable ties

DIMENSIONS

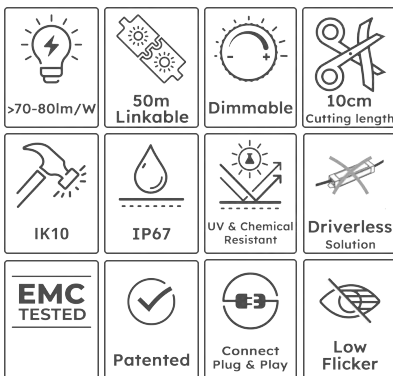


PACKING INFO (RGBW50)

Reel	Size(mm)	Weight(kg)
25m	L490xW250xH260	11

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NEON
LINEAR
LIGHTING
SOLUTIONS



GENERAL SERIES - N12/N16

Line-voltage neon effect linear lighting solutions. Dotless, high efficient and continuous light up to 50m with short cutting distance and robust silicone encapsulation.

GENERAL LINEAR LIGHTING SOLUTIONS

Indoor/Outdoor

Ref. **GENERAL SERIES - N12/N16**

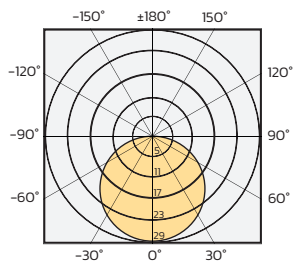


SPECIFICATIONS

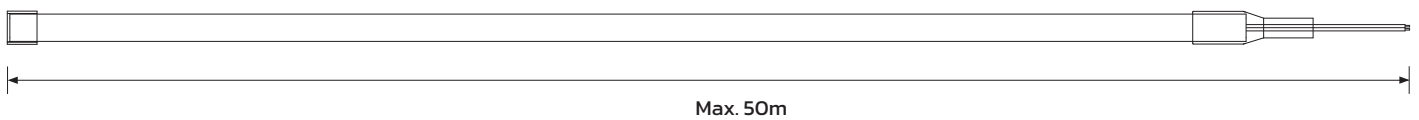
Article No.	N12	N16
Size	12x12mm	16x16mm
Efficiency (lm/W)	>70	>80
Power (lm/W)	17W	
LEDs/m	140	
Voltage	230 V AC ± 10%	
Beam angle	120°	
CCT	2100K-9000K	
Color	Yellow/Orange/Red/Pink/Purple/Blue/Green	
CRI	>80	
Power factor	>0,9	
IK	10	
IP	67	
Ambient temp	-20 - + 45 °C	
Lifetime L80 B10	30,000h	
Material	Translucent silicone	
Cutting length	100mm	
Maximum connectable length	50m	
Dimmable	Traic - phase cut	

LIGHT DISTRIBUTION

N12/N16



WIRING GUIDE



INSTALLATION METHODS



Profile

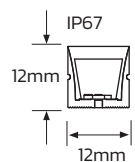
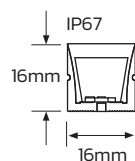


Clip & Screw



Cable ties

DIMENSIONS



PACKING INFO (N16)

Reel	Size(mm)	Weight(kg)
10m	Ø300 x H75	3
25m	Ø300 x H150	6

PACKING INFO (N12)

Reel	Size(mm)	Weight(kg)
25m	Ø300 x H150	2

Profiled

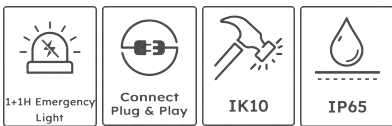


**BATTERY
BACKUP
SYSTEMS**



BATTERY BACK-UP

A battery backup increases safety and make 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 with a maximum load of 1700W of LED strips.



BATTERY BACKUP SYSTEMS

Indoor / Outdoor

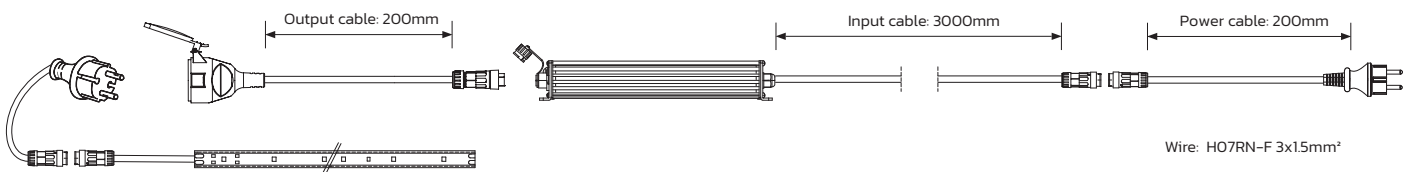
Ref. BATTERY BACK-UP



SPECIFICATIONS

Article No.	039204
Voltage	110-230V AC \pm 10% 50/60Hz
Emergency mode power output	42W
IK	10
IP	65
Ambient temp	-10 - + 50 °C
Battery	22,2V 5000mAh lithium battery
Charging time	10H
Battery time	1+1H/2H
Max. Load	1700W
Minimum Load	42W
Input cable	3m HO7RN-F with quick connector & Schuko
Output cable	200mm HO7RN-F with quick connector
Power cable	200mm HO7RN-F with quick connector
Material	Aluminium/Plastic housing

WIRING GUIDE

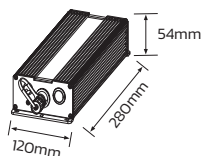


INSTALLATION METHODS

Screw



DIMENSIONS



PACKING INFO

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

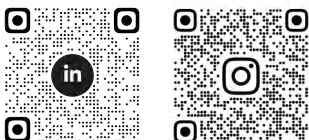
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