



Official Supply Partner  
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[www.perspex.co.uk/BaltLED](http://www.perspex.co.uk/BaltLED)

2021 **PRODUCT CATALOG** *illuminate your business*

A large, vibrant green plant with many leaves is the central focus on the left side of the image. The background is a dark, dimly lit room, possibly a laboratory or office, with a person standing at a desk in the distance. The overall atmosphere is professional and focused on technology and nature.

BACK THEN...

# MORE THAN 15 YEARS AGO IT ALL BEGAN FROM THIS...

## THE BEGINNING

In 2005 one of the co-founders of BaltLED visits his friend a professor at Vilnius University. The professor at the moment happens to be working on the LED based illumination for green houses to enhance the vegetation of plants. The conversation turns towards new developments in LED technology. Here and now the idea to adopt LED technology for signage illumination appears. Less than in a year, BaltLED is found and produces country's first LED illuminated sign.

# AND NOW...

## WHO WE ARE TODAY

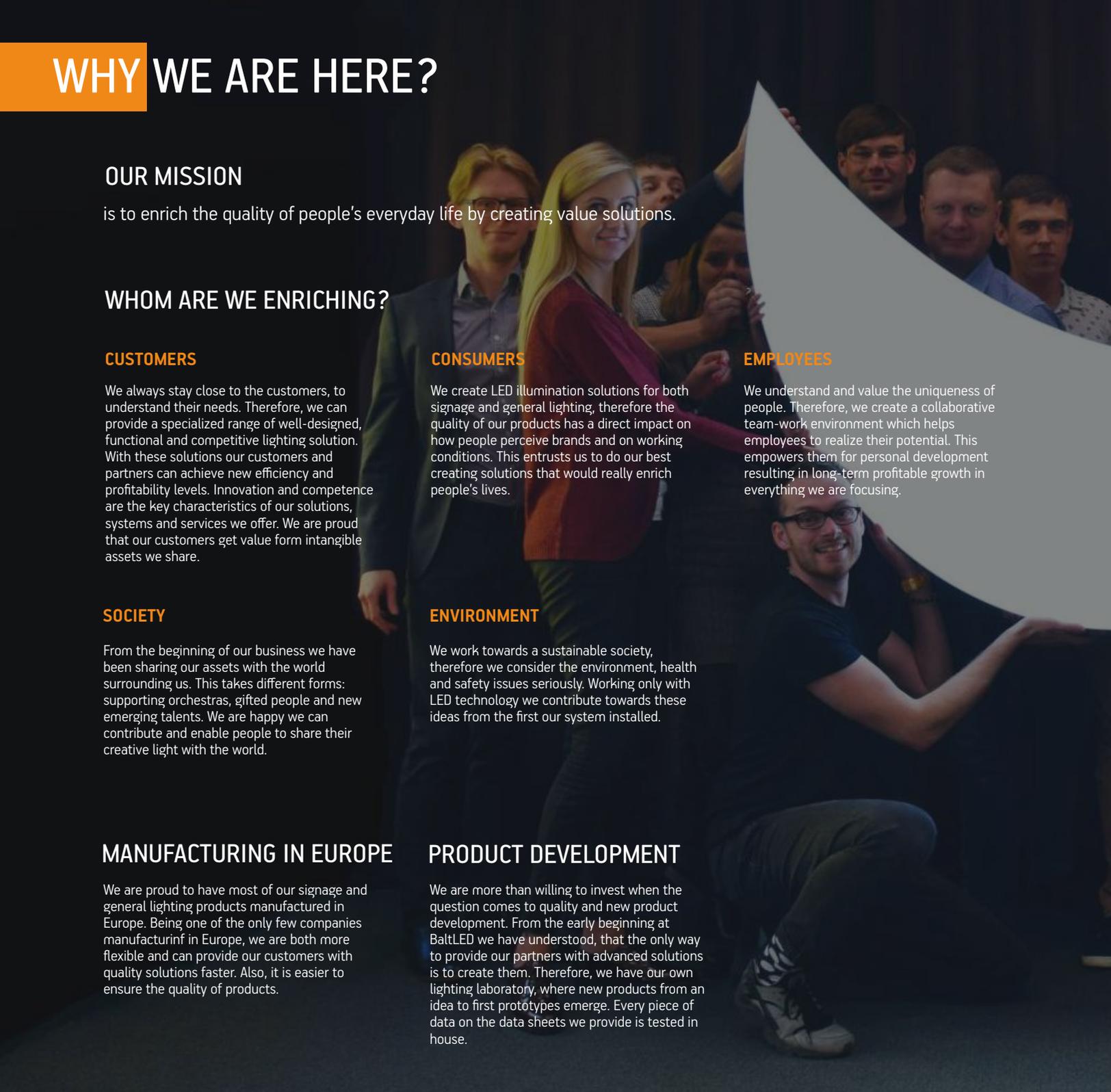
BaltLED – an international company, providing LED ILLUMINATION SOLUTIONS FOR SIGNAGE AND GENERAL LIGHTING applications all over the Europe, extending to South Africa, Japan, Australia and other countries. With more than 15 years of experience we have already provided signage solutions for uniform illumination for a total area equal to more than 121 football fields of different signage applications. Also, by applying LED and lighting control technologies in general lighting, we are helping to reduce electricity bills every month for hundreds of industrial and commercial companies.

You can find our solutions in signs of companies like Škoda, Huawei, Carrefour, Aldi, Decathlon, Mazda, Sberbank, Fiat and other.

In fifteen years, we have received many different awards and certificates. Here you can see few we are the most proud of: golden medals of Product of the Year awards.



# WHY WE ARE HERE?



## OUR MISSION

is to enrich the quality of people's everyday life by creating value solutions.

## WHOM ARE WE ENRICHING?

### CUSTOMERS

We always stay close to the customers, to understand their needs. Therefore, we can provide a specialized range of well-designed, functional and competitive lighting solution. With these solutions our customers and partners can achieve new efficiency and profitability levels. Innovation and competence are the key characteristics of our solutions, systems and services we offer. We are proud that our customers get value form intangible assets we share.

### SOCIETY

From the beginning of our business we have been sharing our assets with the world surrounding us. This takes different forms: supporting orchestras, gifted people and new emerging talents. We are happy we can contribute and enable people to share their creative light with the world.

### CONSUMERS

We create LED illumination solutions for both signage and general lighting, therefore the quality of our products has a direct impact on how people perceive brands and on working conditions. This entrusts us to do our best creating solutions that would really enrich people's lives.

### ENVIRONMENT

We work towards a sustainable society, therefore we consider the environment, health and safety issues seriously. Working only with LED technology we contribute towards these ideas from the first our system installed.

### EMPLOYEES

We understand and value the uniqueness of people. Therefore, we create a collaborative team-work environment which helps employees to realize their potential. This empowers them for personal development resulting in long-term profitable growth in everything we are focusing.

## MANUFACTURING IN EUROPE

We are proud to have most of our signage and general lighting products manufactured in Europe. Being one of the only few companies manufacturing in Europe, we are both more flexible and can provide our customers with quality solutions faster. Also, it is easier to ensure the quality of products.

## PRODUCT DEVELOPMENT

We are more than willing to invest when the question comes to quality and new product development. From the early beginning at BaltLED we have understood, that the only way to provide our partners with advanced solutions is to create them. Therefore, we have our own lighting laboratory, where new products from an idea to first prototypes emerge. Every piece of data on the data sheets we provide is tested in house.

# WHAT MAKES US A GOOD PARTNER?



## 15 YEARS

in the industry; >40  
market countries



## ENGINEERING

team + modern lighting  
laboratory



## PRODUCTION

facility in EU



## PROJECT

estimation department



## CONSULTANCY

and expertise on lighting  
projects



## CUSTOMER-

focused service



## EXTENDED

warranty options.



## CREDIBILITY

ensured by Atradius



YEARS  
WARRANTY

# CROWN MINI FOR CHANNEL LETTERS



## CENTRE-TO-CENTRE DISTANCE, mm

DEPTH WIDTH	20	30	40	50	60
20	40	50	70	85	85
40	30	50	70	85	85
60	30	45	60	85	85
80		40	60	85	85
100				85	85

! Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN070 GT, translucency 30.0%. These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at [projects@baltled.com](mailto:projects@baltled.com)

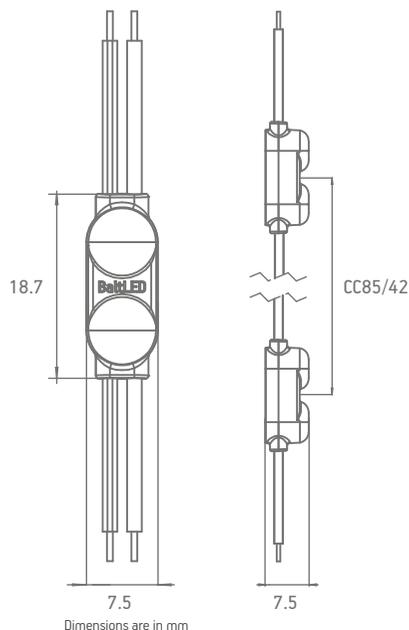


# CROWN MINI

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.3 W
RECOMMENDED DEPTH	From 20 to 60 mm
CC DISTANCE	85 mm, 42 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h (white)
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	CC DISTANCE, MM	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-5M-02UH160CW70	85	0.3	28	6500 ± 250 K	AVAILABLE	YES
BMP-5M-02UH160WW30	85	0.3	27	3000 ± 200 K	AVAILABLE	YES
BMP-5M-02UH160CW70CC	42	0.3	28	6500 ± 250 K	AVAILABLE	YES
BMP-5M-02UH160WW30CC	42	0.3	27	3000 ± 200 K	PRE-ORDER**	ON REQUEST

\*\* For MOQ and lead time please contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
50 pcs (net weight: 0.076 kg)	100 pcs (net weight: 0.162 kg)	2000 pcs (net weight: 3.300kg)

## APPLICATION

# LED

Best for 20 - 60 mm



YEARS  
WARRANTY

# CROWN OPTO X FOR CHANNEL LETTERS + SINGLE-SIDED LIGHTBOXES



## 7-YEAR WARRANTY

Calm night sleep for 7 years with L70 for the warranty period.



## EUROPEAN QUALITY

Modules are developed and produced in Europe: quality you can trust.



## WIDE APPLICABILITY

Designed for depths ranging from 30 to 300 mm, these modules cover all applications.



## RELIABILITY

All the technical information we provide is obtained during testing in our light laboratory.



## CHOICE OF COLOR

Beside most popular cold white, Crown OPTO X series cover most red, green and blue colour.

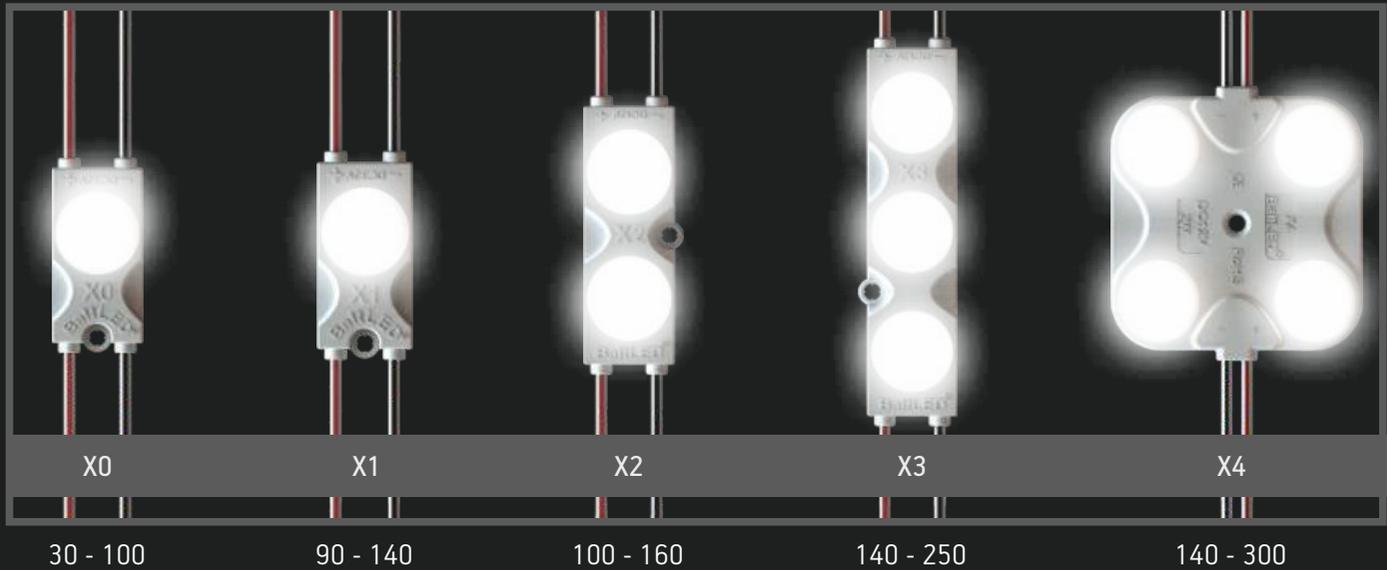


## QUICK INSTALLATION

Fast mounting profile for Crown OPTO X family saving up to 50 % of installation time.

# CROWN OPTO X FAMILY

APPLICATION DEPTH, mm



CENTRE-TO-CENTRE DISTANCE, mm

DEPTH, mm	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	250	300		
X0	40	60	70	90	110	130	130	130														
X1							150	150	150	150	150	150										
X2								170	180	190	200	210	220	230								
X3												240	260	280	290	300	310	320	320			
X4													270	290	300	320	320	340	340	350	350	

! Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN770 GT, Translucency 30.0%. These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at [projects@baltled.com](mailto:projects@baltled.com)

# CROWN OPTO XO

**7**  
YEARS  
WARRANTY

**mm**  
30 - 100

**160°**

**6500 K**

**40 lm**

**0.35 W**

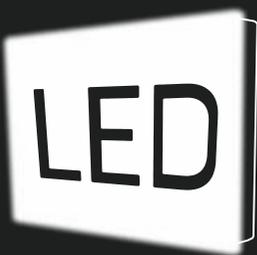
**IP 67**

**L70**  
90 000 h



APPLICATION

LED

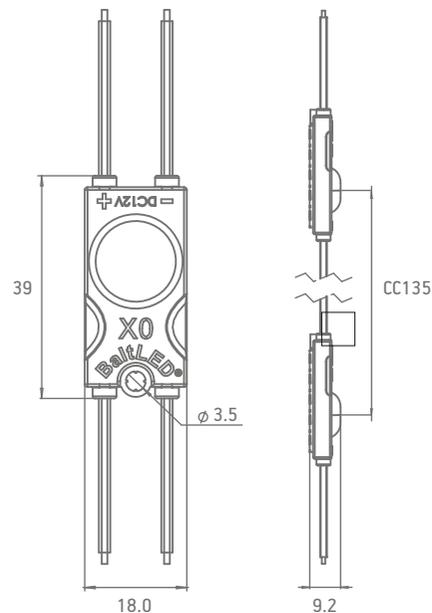


Best for 30 - 100 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.35 W; 0.3 W; 0.25W
RECOMMENDED DEPTH	From 30 to 100 mm
CC DISTANCE	135 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-40 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +35 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 90,000 h (white) L70 50,000 h (other)
CERTIFICATION	CE and RoHS compliant
WARRANTY	7 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-X0.2-01UH160CW65NS	0.35 W	40 lm	6500 K	IN STOCK	YES
BMP-X0.2-01UH160NW40NS	0.35 W	39 lm	4000 K	IN STOCK	YES
BMP-X0.2-01UH160WW30NS	0.35 W	32 lm	3000 K	PRE-ORDER**	ON REQUEST
BMP-X0.2-01UH160RCNS	0.25 W	11 lm	red	PRE-ORDER**	ON REQUEST
BMP-X0.2-01UH160GCNS	0.30 W	21 lm	green	PRE-ORDER**	ON REQUEST
BMP-X0.2-01UH160BCNS	0.30 W	6 lm	blue	PRE-ORDER**	ON REQUEST

\*\* Preorder products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.

For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

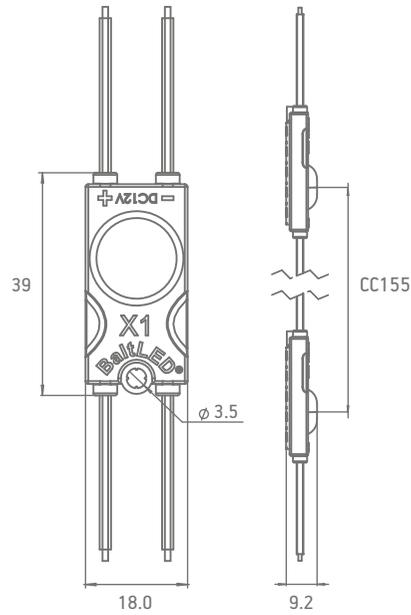
CHAIN	BAG	BOX
80 pcs (net weight:0.688 kg)	160 pcs (net weight:1.400 kg)	960 pcs (net weight:8.700 kg)



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.6 W, 0.5 W, 0.4 W
RECOMMENDED DEPTH	From 90 to 140 mm
CC DISTANCE	155 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-40 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +35 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 80,000 h (white) L70 50,000 h (other)
CERTIFICATION	CE and RoHS compliant
WARRANTY	7 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-X1.2-01UH160CW65NS	0.6	60	6500 K	IN STOCK	YES
BMP-X1.2-01UH160NW40NS	0.6	60	4000 K	IN STOCK	YES
BMP-X1.2-01UH160WW30NS	0.6	56	3000 K	PRE-ORDER**	ON REQUEST
BMP-X1.2-01UH160RCNS	0.4	17	red	PRE-ORDER**	ON REQUEST
BMP-X1.2-01UH160GCNS	0.5	35	green	PRE-ORDER**	ON REQUEST
BMP-X1.2-01UH160BCNS	0.5	9	blue	PRE-ORDER**	ON REQUEST

\*\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
70 pcs (net weight: 0.638 kg)	140 pcs (net weight: 1.300 kg)	840 pcs (net weight: 8.100 kg)

# CROWN OPTO X1



## APPLICATION



Best for **90 - 140 mm**

# CROWN OPTO X2

7  
YEARS  
WARRANTY

mm  
100 - 160

160°

6500 K

102 lm

1.0 W

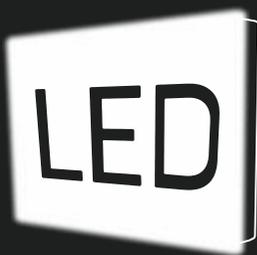
IP 67

L70  
80 000 h



## APPLICATION

# LED

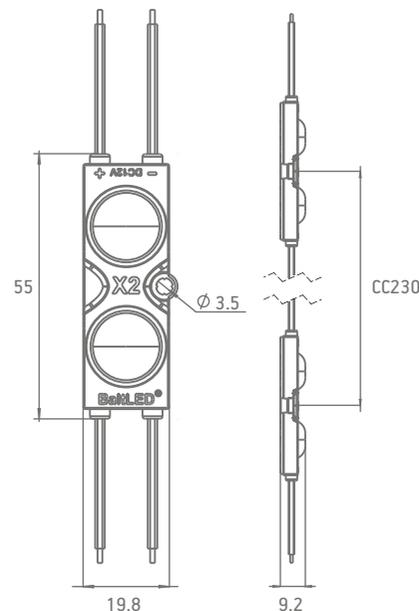


Best for 100 - 160 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.0 W, 0.8 W
RECOMMENDED DEPTH	From 100 to 160 mm
CC DISTANCE	230 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-40 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +35 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 80,000 h (white) L70 50,000 h (other)
CERTIFICATION	CE and RoHS compliant
WARRANTY	7 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-X2.2-02UH160CW65NS	1	102	6500 K	IN STOCK	YES
BMP-X2.2-02UH160NW40NS	1	102	4000 K	IN STOCK	YES
BMP-X2.2-02UH160WW30NS	1	92	3000 K	PRE-ORDER*	ON REQUEST
BMP-X2.2-02UH160RC	0.8	34	red	IN STOCK	YES
BMP-X2.2-02UH160GC	1	70	green	PRE-ORDER*	ON REQUEST
BMP-X2.2-02UH160BC	1	18	blue	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
50 pcs (net weight:0.667 kg)	100 pcs (net weight:1.360 kg)	600 pcs (net weight:8.500 kg)

**7**  
YEARS  
WARRANTYmm  
140 - 250

160°

6500 K

152 lm

1.5 W

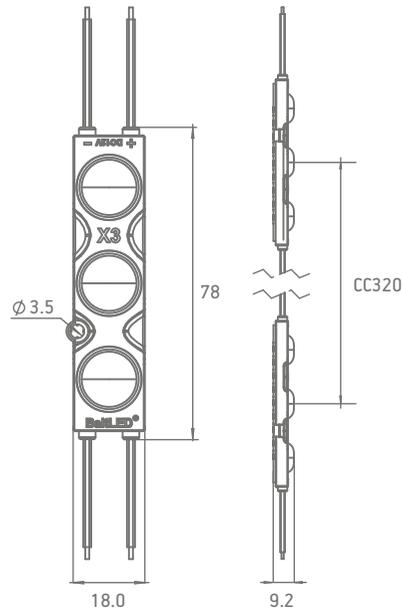
IP 67

L70  
80 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.5 W, 1.2 W
RECOMMENDED DEPTH	From 140 to 250 mm
CC DISTANCE	320 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-40 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +35 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 80,000 h (white) L70 50,000 h (other)
CERTIFICATION	CE and RoHS compliant
WARRANTY	7 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

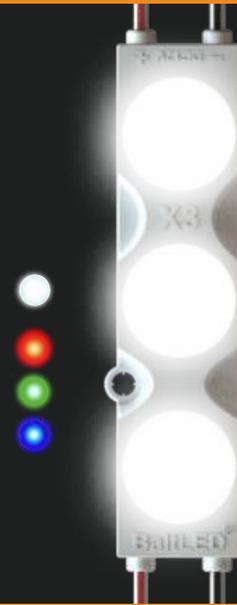
SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-X3.2-03UH160CW65NS	1.5	152	6500 K	IN STOCK	YES
BMP-X3.2-03UH160NW40NS	1.5	152	4000 K	IN STOCK	YES
BMP-X3.2-03UH160WW30NS	1.5	137	3000 K	PRE-ORDER*	ON REQUEST
BMP-X3.2-03UH160RCNS	1.2	51	red	PRE-ORDER*	ON REQUEST
BMP-X3.2-03UH160GCNS	1.5	105	green	PRE-ORDER*	ON REQUEST
BMP-X3.2-03UH160BCNS	1.5	27	blue	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
30 pcs (net weight:0.570 kg)	90 pcs (net weight:1.760 kg)	540 pcs (net weight:10.800 kg)

# CROWN OPTO X3



## APPLICATION

# LED



Best for 140 - 250 mm

# CROWN OPTO X4



## APPLICATION

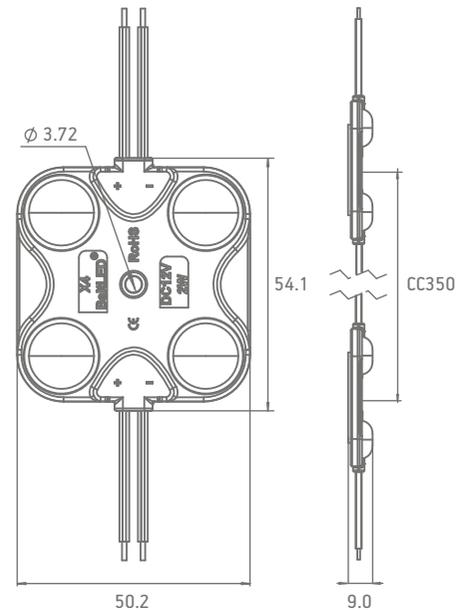


Best for 140 - 300 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	2.0 W, 1.6 W
RECOMMENDED DEPTH	From 140 to 300 mm
CC DISTANCE	350 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-40 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +35 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 80,000 h (white) L70 50,000 h (other)
CERTIFICATION	CE and RoHS compliant
WARRANTY	7 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-X4.2-04UH160CW65NS	2	200	6500 K	IN STOCK	YES
BMP-X4.2-04UH160NW40NS	2	200	4000 K	PRE-ORDER*	ON REQUEST
BMP-X4.2-04UH160WW30NS	2	180	3000 K	PRE-ORDER*	ON REQUEST
BMP-X4.2-04UH160RC	1.6	68	red	PRE-ORDER*	ON REQUEST
BMP-X4.2-04UH160GC	2	150	green	PRE-ORDER*	ON REQUEST
BMP-X4.2-04UH160BC	2	36	blue	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
30 pcs (net weight: 0.870 kg)	60 pcs (net weight: 1.750 kg)	360 pcs (net weight: 10.800 kg)

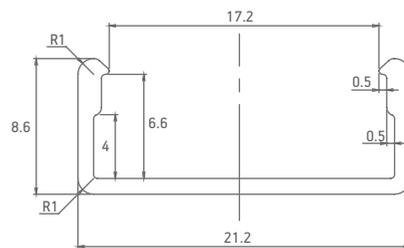
# FAST MOUNTING PROFILE FOR CROWN OPTO X FAMILY

## GENERAL SPECIFICATIONS

MATERIAL	Aluminium alloy 6060F22
COLOUR	Raw aluminium
COMPATIBLE WITH	Crown OPTO X0, X1, X2, X3
WEIGHT PER METER	106.7 g

## ORDERING INFORMATION

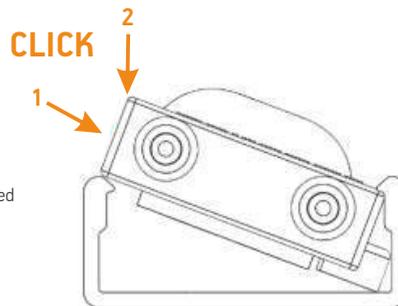
SKU	WEIGHT PER METER
FM-X-PROFILE	106.7 g



Dimensions are in mm

## INSTALLATION

1. Cut the required length of the profile (if needed).
2. Mark places on the profile, where to fix modules .
3. Click modules to marked places with required distances .
4. Attach the profiles with modules in application with required distances, using self-tapping screws.



## RECOMENDATIONS

1. Screws DIN 7049 ST3,5.
2. Before clicking modules, remove the protective strip from the double-sided tape.
3. Recommended to mount profiles horizontally .

## ACCESSORIES



## APPLICATION



## FEATURES AND BENEFITS

- Designed as an accessory for X0, X1, X2, X3 modules
- Saves up to 50% installation time in mass production
- Easy positioning during installation
- Any length available up to 3 meters
- Fix modules by clicking

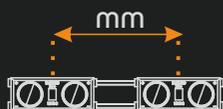
**NEW!**

# CROWN OPTO S+ FOR SINGLE-SIDED LIGHTBOXES AND BIGGER CHANNEL LETTERS



## 5-YEAR 24/7 WARRANTY

Calm night sleep for 5 years with L80 50 000 h for the warranty period.



## LESS MODULES PER SQUARE METER

With the new optics, a distance between centers of modules is equal to double depth of a signage application.



## EUROPEAN QUALITY

Modules are developed in Europe: quality you can trust.



## GO BRIGHTER

S+ series come with an impressive brightness going up to 126 lm/W.



## FASTER MOUNTING: FINGER LIFT

These modules come with finger-lift adhesive tape making liner removal fast and easy.



## RELIABILITY

All the technical information we provide is obtained during testing in our light laboratory.

# CROWN OPTO S+ FAMILY

## CENTRE-TO-CENTRE DISTANCE, mm

DEPTH, mm	40	50	60	70	80	90	100	110	120	130	140	
S0+	80	100	120	140	160	170						
S1+						160	180	200	210	230	250	250

! Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN770 GT, Translucency 30.0%. These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at [projects@baltled.com](mailto:projects@baltled.com)

# CROWN OPTO SO+



## APPLICATION



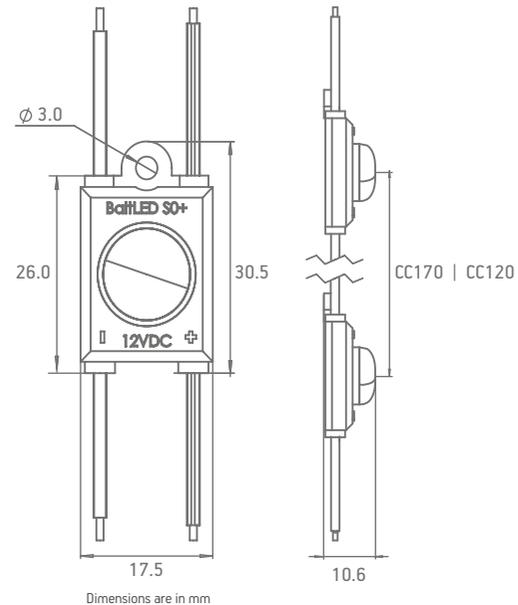
Best for 40 - 90 mm



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.5 W
RECOMMENDED DEPTH	From 40 to 90 mm
CC DISTANCE	170 mm   120 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L80 50,000 h
CERTIFICATION	CE and RoHS pending
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



## ORDERING INFORMATION

SKU	CC DISTANCE, MM	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMOP-SP-LE1A160865E05	170	0.5	63	6500 K	IN STOCK	YES
BMOP-SP-LE1A160865E05CC	120	0.5	63	6500 K	IN STOCK	YES

## PACKAGING INFORMATION

	CHAIN	BAG	BOX
BMOP-SP-LE1A160865E05	60 pcs (net weight: 0.4 kg)	120 pcs (net weight: 0.8 kg)	1440 pcs (net weight: 10.4 kg)
BMOP-SP-LE1A160865E05CC	80 pcs (net weight: 0.64 kg)	160 pcs (net weight: 1.29 kg)	2240 pcs (net weight: 18.0 kg)

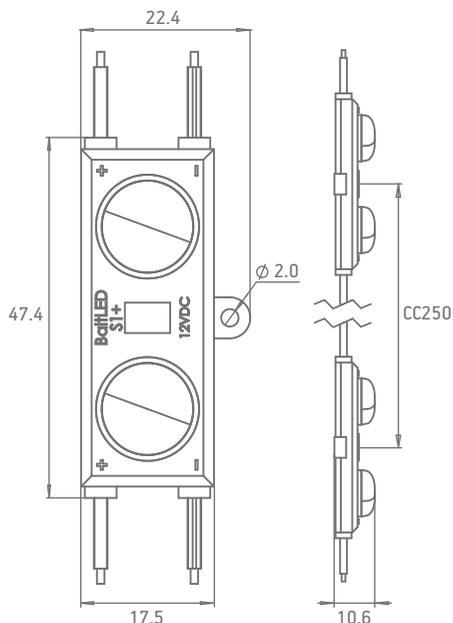


# CROWN OPTO S1+

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.0 W
RECOMMENDED DEPTH	From 180 to 140 mm
CC DISTANCE	250 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L80 50,000 h
CERTIFICATION	CE and RoHS pending
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMOP-SP-LE2A160865E1	1.0	122	6500 K	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN	BAG	BOX
35 pcs (net weight: 0.42 kg)	70 pcs (net weight: 0.85 kg)	840 pcs (net weight: 10.6 kg)

## APPLICATION



Best for 80 - 140 mm



YEARS  
WARRANTY

# CROWN OPTO S FAMILY FOR CHANNEL LETTERS + SINGLE-SIDED LIGHTBOXES



## 5-YEAR WARRANTY

Calm night sleep for 5 years with L70 for the warranty period.



## EUROPEAN QUALITY

Modules are developed in Europe: quality you can trust.



## WIDE APPLICABILITY

Crown OPTO S series feature five modules, covering all main depths used in Signage.



## RELIABILITY

All the technical information we provide is obtained during testing in our light laboratory.

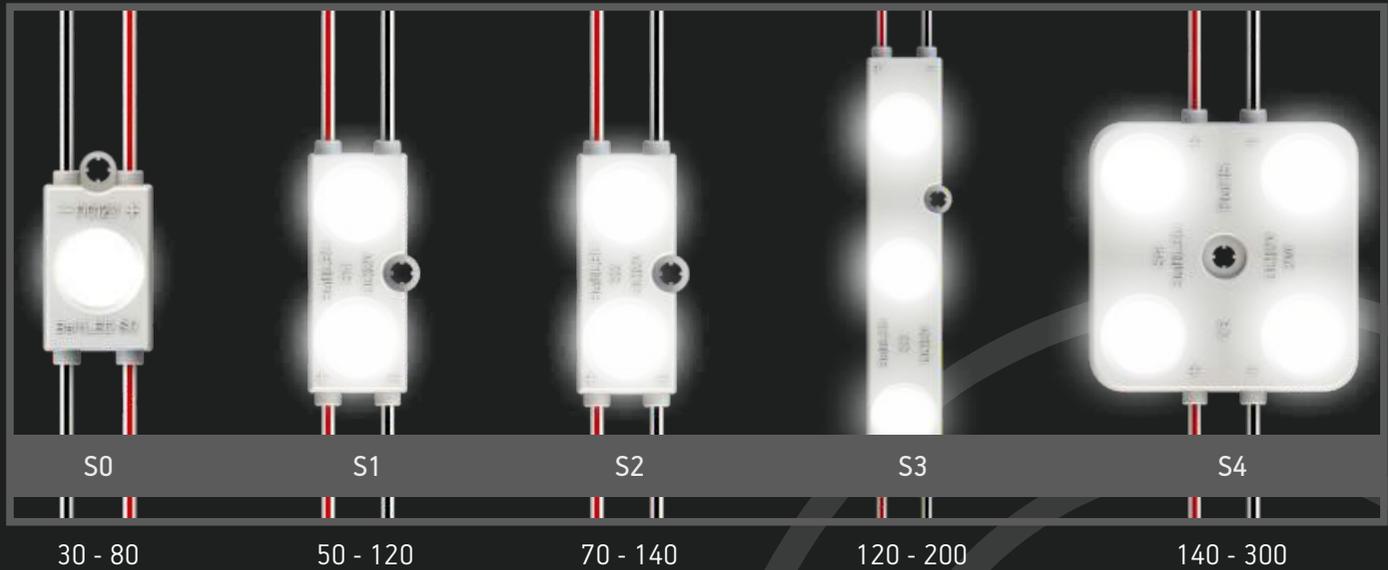


## CHOICE OF COLOR

Crown OPTO S series cover most popular cold white, red, green and blue colour.

# CROWN OPTO S FAMILY

APPLICATION DEPTH, mm

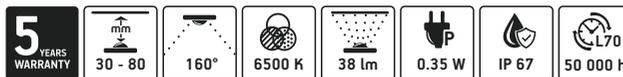


CENTRE-TO-CENTRE DISTANCE, mm

DEPTH, mm	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	250	300	
<b>S0</b>	40	60	80	100	100	130															
<b>S1</b>			80	90	110	130	150	170	180	200											
<b>S2</b>					110	130	160	160	180	200	210	230									
<b>S3</b>										200	210	240	270	310	310	340	340	340			
<b>S4</b>												250	270	310	330	340	340	340	340	340	340

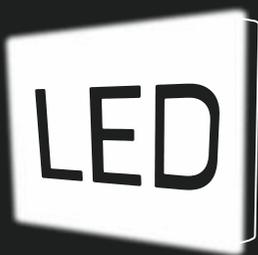
! Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN770 GT, Translucency 30.0%. These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at [projects@baltled.com](mailto:projects@baltled.com)

# CROWN OPTO SO



## APPLICATION

# LED

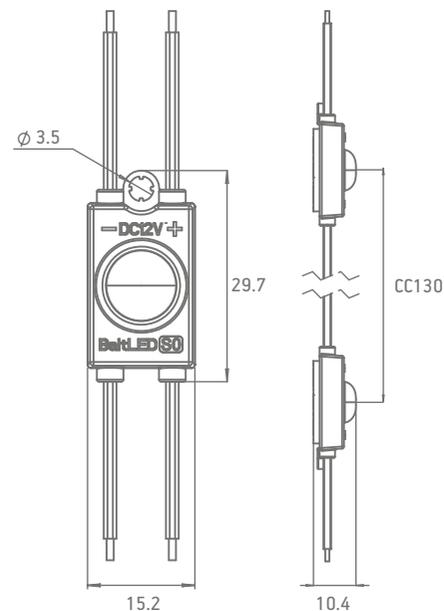


Best for 30 - 80 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.35 W
RECOMMENDED DEPTH	From 30 to 80 mm
CC DISTANCE	130 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-S0-01UH160CW651	0.35	38	6600 K	IN STOCK	YES
BMP-S0-01UH160CW652	0.35	38	6500 K	IN STOCK	YES
BMP-S0-01UH160NW401	0.35	37	4000 K	IN STOCK	YES
BMP-S0-01UH160WW301	0.35	37	3000 K	IN STOCK	YES
BMP-S0-01UH160RC	0.35	15	red	IN STOCK	YES
BMP-S0-01UH160GC	0.35	25	green	IN STOCK	YES
BMP-S0-01UH160BC	0.35	6	blue	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN	BAG	BOX
70 pcs (net weight: 0.375 kg)	140 pcs (net weight: 0.745 kg)	1400 pcs (net weight 8.000 kg)

**5**  
YEARS  
WARRANTY

50 - 120

160°

6500 K

80 lm

0.75 W

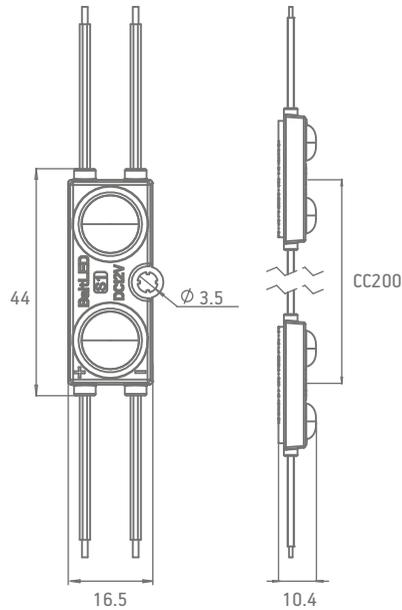
IP 67

L70  
50 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.75 W
RECOMMENDED DEPTH	From 50 to 120 mm
CC DISTANCE	200 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

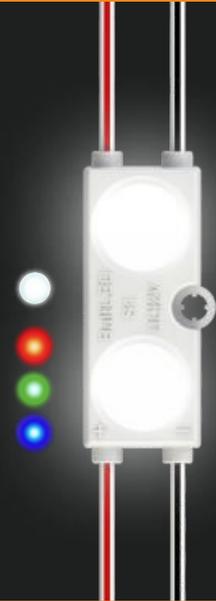
## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-S1-02UH160CW651	0.75	80	6600 K	IN STOCK	YES
BMP-S1-02UH160CW652	0.75	80	6500 K	IN STOCK	YES
BMP-S1-02UH160NW401	0.75	78	4000 K	IN STOCK	YES
BMP-S1-02UH160WW301	0.75	78	3000 K	IN STOCK	YES
BMP-S1-02UH160RC	0.75	30	red	IN STOCK	YES
BMP-S1-02UH160GC	0.75	50	green	IN STOCK	YES
BMP-S1-02UH160BC	0.75	13	blue	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN	BAG	BOX
50 pcs (net weight: 0.401 kg)	100 pcs (net weight: 0.820 kg)	1000 pcs (net weight 8.700 kg)

# CROWN OPTO S1



## APPLICATION

# LED

# LED

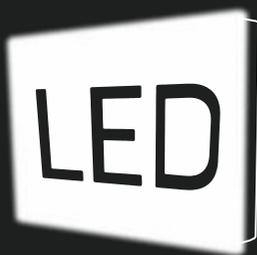
Best for 50 - 120 mm

# CROWN OPTO S2

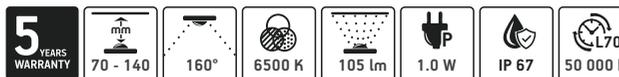


## APPLICATION

# LED



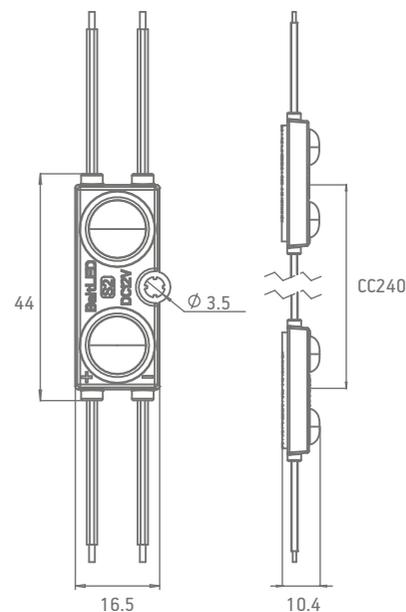
Best for 70 - 140 mm



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1 W
RECOMMENDED DEPTH	From 70 to 140 mm
CC DISTANCE	240 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-S2-02UH160CW651	1	105	6600 K	IN STOCK	YES
BMP-S2-02UH160CW652	1	105	6500 K	IN STOCK	YES
BMP-S2-02UH160NW401	1	102	4000 K	PRE-ORDER*	ON REQUEST
BMP-S2-02UH160WW301	1	102	3000 K	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

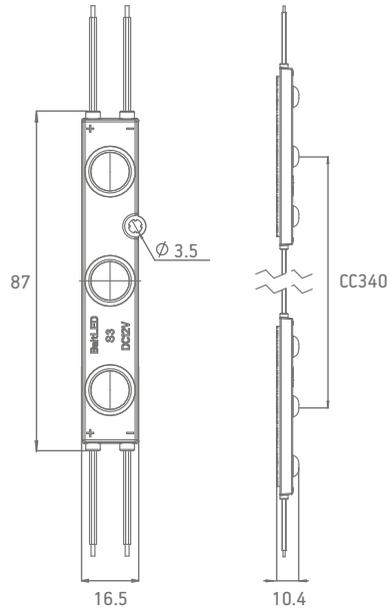
CHAIN	BAG	BOX
40 pcs (net weight: 0.340 kg)	120 pcs (net weight: 1.050 kg)	1080 pcs (net weight: 9.900 kg)



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.5 W; 1.2 W
RECOMMENDED DEPTH	From 120 to 200 mm
CC DISTANCE	340 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-S3-03UH160CW651	1.5	155	6600 K	IN STOCK	YES
BMP-S3-03UH160CW652	1.5	155	6500 K	IN STOCK	YES
BMP-S3-03UH160NW401	1.5	152	4000 K	IN STOCK	YES
BMP-S3-03UH160WW301	1.5	152	3000 K	IN STOCK	YES
BMP-S3-03UH160RC	1.2	52	red	IN STOCK	YES
BMP-S3-03UH160GC	1.5	100	green	IN STOCK	YES
BMP-S3-03UH160BC	1.5	27	blue	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
25 pcs (net weight: 0.385 kg)	75 pcs (net weight: 1.170 kg)	675 pcs (net weight: 11.000 kg)

# CROWN OPTO S3



## APPLICATION



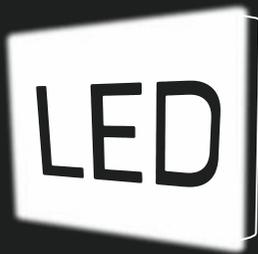
Best for 120 - 200 mm

# CROWN OPTO S4



## APPLICATION

# LED



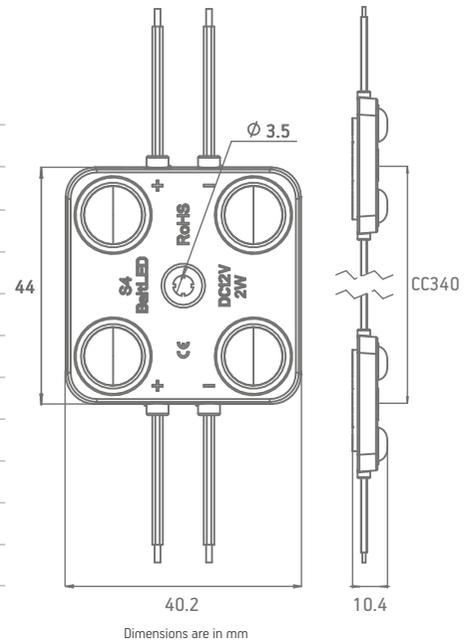
Best for 140 - 300 mm



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.6; 2 W
RECOMMENDED DEPTH	From 140 to 300 mm
CC DISTANCE	340 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years (24/7)*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-S4-04UH160CW651	2	210	6600 K	IN STOCK	YES
BMP-S4-04UH160CW652	2	210	6500 K	IN STOCK	YES
BMP-S4-04UH160NW401	2	205	4000 K	PRE-ORDER*	ON REQUEST
BMP-S4-04UH160WW301	2	205	3000 K	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
20 pcs (net weight: 0.453 kg)	60 pcs (net weight: 1.300 kg)	420 pcs (net weight: 10.000 kg)



YEARS  
WARRANTY

# CROWN OPTO S FAMILY OTHER COLOR MODULES

CENTRE-TO-CENTRE DISTANCE, mm

DEPTH, mm	30	40	50	60	70	80	90	100	110	120
S0	40	60	80	100	100	130				
S1			80	90	110	130	150	170	180	200

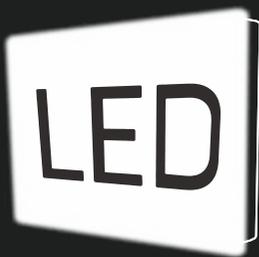
! Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN770 GT, Translucency 30.0%. These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at [projects@baltled.com](mailto:projects@baltled.com)

# CROWN OPTO S0



## APPLICATION

# LED

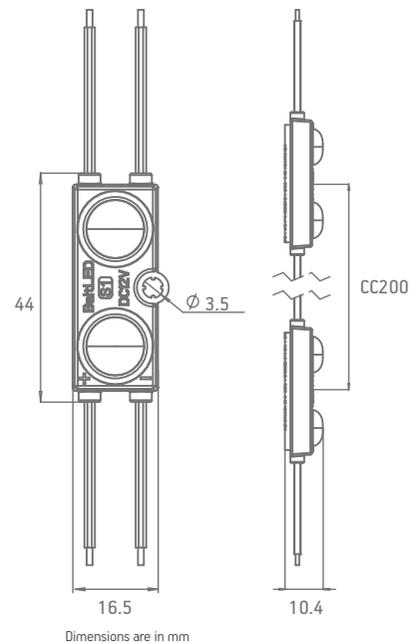


Best for 50 - 120 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.32 W
RECOMMENDED DEPTH	From 30 to 80 mm
CC DISTANCE	130 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 25,000 h
WARRANTY	3 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMS-S0-01UE160R	0.32	9.5	red	PRE-ORDER*	ON REQUEST
BMS-S0-01UH160G	0.32	19.5	green	PRE-ORDER*	ON REQUEST
BMS-S0-01UH160B	0.32	11	blue	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks. For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
70 pcs (net weight: 0.401 kg)	140 pcs (net weight: 0.820 kg)	1400 pcs (net weight 8.700 kg)

**3**  
YEARS  
WARRANTYmm  
50 - 120

160°

COLORS

IP  
0.62 W

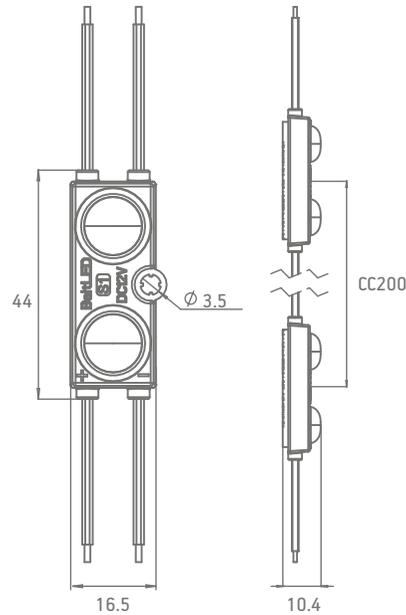
IP 66

L70  
25 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.55 W; 0.62 W
RECOMMENDED DEPTH	From 50 to 120 mm
CC DISTANCE	200 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 25,000 h
WARRANTY	3 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

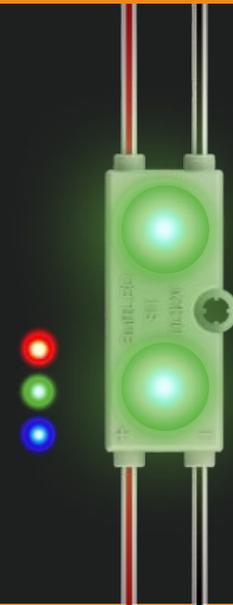
SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMS-S1-02UH160R	0.62	19	red	IN STOCK	YES
BMS-S1-02UH160G	0.62	39	green	IN STOCK	YES
BMS-S1-02UH160B	0.62	11	blue	IN STOCK	YES

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks.  
For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
50 pcs (net weight: 0.401 kg)	100 pcs (net weight: 0.820 kg)	1000 pcs (net weight 8.700 kg)

# CROWN OPTO S1



## APPLICATION

# LED



Best for 50 - 120 mm



CROWN OPTO A FOR  
ACRYLIC BLOCK LETTERS

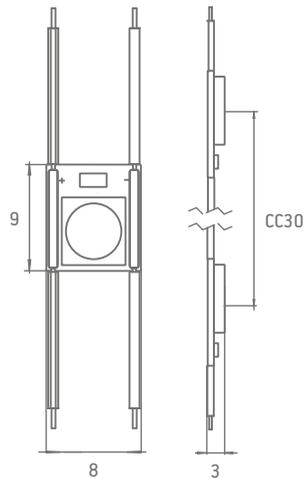




## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.15 W
RECOMMENDED LETTER HEIGHT	30 mm
CC DISTANCE	30 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-25°C ~ +50°C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 30,000 h
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-A-8651015	0.15	18	6500 K	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 3000 EUR, lead time 3 – 8 weeks. For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
50 pcs (net weight: 0.025 kg)	500 pcs (net weight: 0.256 kg)	8000 pcs (net weight: 4.200 kg)

# CROWN OPTO A



## APPLICATION



Recommended letter height **30 mm**

Recommended milled track depth inside acrylic block letter **<15mm**

# CROWN OPTO HP FOR DEEP SINGLE-SIDED APPLICATIONS

	CENTRE-TO-CENTRE DISTANCE, mm				
	160	180	200	250	300
4000 K, 3000 K	350	400	500	550	600
6500 K	300	350	400	500	600

5 YEARS WARRANTY

160 - 300

170°

6500 K

5.0 W

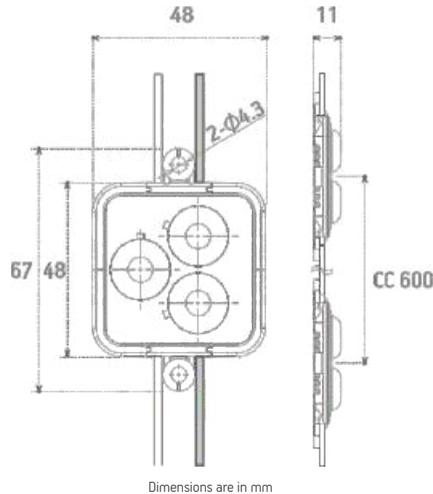
IP 67

L70 60 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	5.0 W
RECOMMENDED DEPTH	from 160 to 300 mm
CC DISTANCE	600 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 60,000 h
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



# CROWN OPTO HP



## APPLICATION

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-L3A160865E5-24V	5.0	505	6500 K	IN STOCK	YES
BMP-L3A160840E5-24V	5.0	505	4000 K	IN STOCK	YES
BMP-L3A160830E5-24V	5.0	450	3000 K	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN	BAG	BOX
10 pcs (net weight: 0.400 kg)	10 pcs (net weight: 0.400 kg)	320 pcs (net weight: 11.600 kg)



Best for 160 - 300 mm

# OTHER MODULES FOR SINGLE-SIDED APPLICATIONS

	CENTRE-TO-CENTRE DISTANCE, mm											
DEPTHS mm	40	50	60	70	80	90	100	110	120	130	140	150
SNOW MINI S12	35	40	55	70	75							
RGB MODULE			60	70	80	90	100	120	120	130	150	150

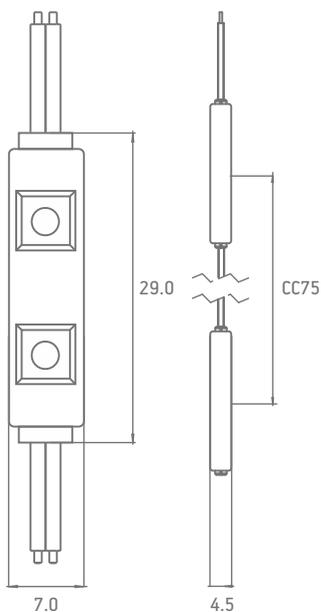
! Distances provided are based on testing in a lightbox with PLEXIGLAS® XT White WN770 GT, Translucency 30.0%.  
These are only recommendations and may vary based on application, cover material and other factors. For precise  
project calculation please contact us at [projects@baltled.com](mailto:projects@baltled.com)



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.3 w
RECOMMENDED DEPTH	From 40 to 80 mm
CC DISTANCE	75 mm
OPERATING TEMPERATURE	-35 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +90 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 25,000 h
WARRANTY	3 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMS-S12-02UB120W1	0.3	14.5	7000 K	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN		BAG		BOX	
30 pcs	(net weight: 0.053 kg)	300 pcs	(net weight: 0.538 kg)	4500 pcs	(net weight: 8.700 kg)

# SNOW MINI S12



## APPLICATION

# LED

Best for 40 - 80 mm

# NEW: RGB SERIES

5 YEARS WARRANTY

60 - 150

160°

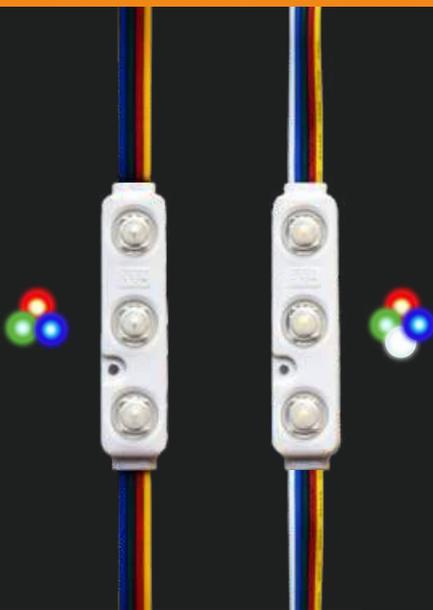
RGB | RGBW

29 lm

0.72 W

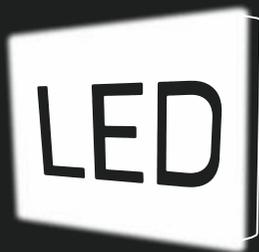
IP 65

L70 50 000 h



## APPLICATION

# LED

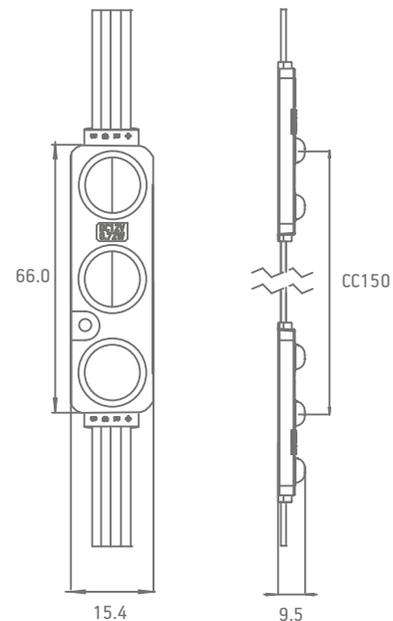


Best for 60 - 150 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.72 W
RECOMMENDED DEPTH	From 60 to 150 mm
CC DISTANCE	150 mm
OPERATING TEMPERATURE	-25 °C ~ +55 °C
STORAGE TEMPERATURE	-40 °C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE compliant
WARRANTY	5 years*

\* Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMOP-RGB-LE3A160E072	0.72	29	RGB	IN STOCK	YES
BMOP-RGBW-LE3A160E072	0.72	49	RGBW	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN	BAG	BOX
20 pcs (0.34 kg)	100 pcs (1.70 kg)	1000 pcs (18.00 kg)



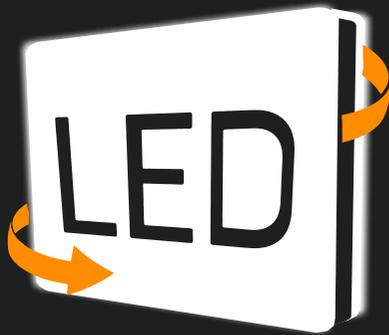
**SOLUTIONS FOR DOUBLE-SIDED  
AND OTHER APPLICATIONS**



# CROWN DUO W1



## APPLICATION



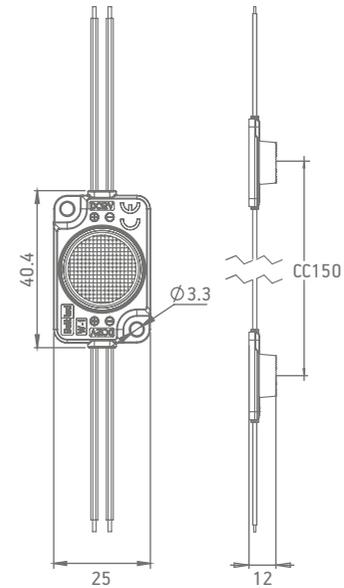
Best for 80 - 160 mm



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.4 W
RECOMMENDED DEPTH	From 80 to 160 mm
CC DISTANCE	150 mm
OPERATING TEMPERATURE	-20 °C ~ +50 °C
STORAGE TEMPERATURE	-30 °C ~ +60 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L80 50,000 h
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-W1-DS865E1.4	1.4	130	6500 K	PRE-ORDER*	YES

\* Pre-order products will be available only with MOQ – 1 box (1260 pcs), lead time 3 – 4 weeks. For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

CHAIN	BAG	BOX
30 pcs (net weight: ~0.30 kg)	90 pcs (net weight: ~0.90 kg)	1260 pcs (net weight: ~12.60 kg)

**5**  
YEARS  
WARRANTYmm  
140-250

15x45°

6500 K

300 lm

3.6 W

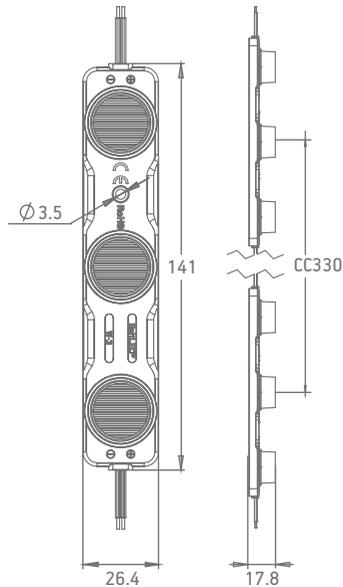
IP 66

L80  
50 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	3.6 W
RECOMMENDED DEPTH	From 140 to 250 mm
CC DISTANCE	330 mm
OPERATING TEMPERATURE	-20 °C ~ +50 °C
STORAGE TEMPERATURE	-30 °C ~ +60 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L80 50,000 h
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-W3-DS865E3.6	3.6	300	6500 K	PRE-ORDER*	YES

\* Pre-order products will be available only with MOQ – 1 box (320 pcs), lead time 3 – 4 weeks. For precise lead time, contact your Customer Service manager.

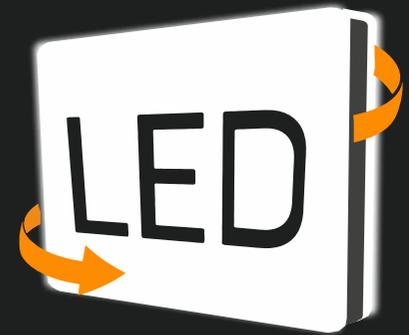
## PACKAGING INFORMATION

CHAIN	BAG	BOX
10 pcs (net weight: ~0.55 kg)	10 pcs (net weight: ~0.56 kg)	320 pcs (net weight: ~17.92 kg)

# CROWN DUO W3



## APPLICATION



Best for 140 - 250 mm

# CROWN DUO R13V12

**3**  
YEARS  
WARRANTY

**140 - 250**  
mm

**12° x 56°**

**6500 K**

**110 lm**

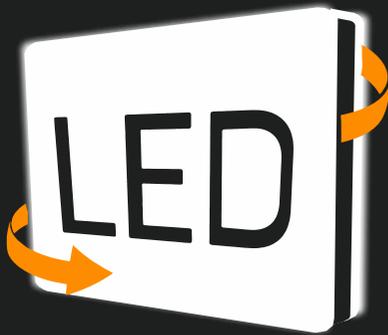
**1.45 W**

**IP 66**

**L70**  
**25 000 h**



## APPLICATION

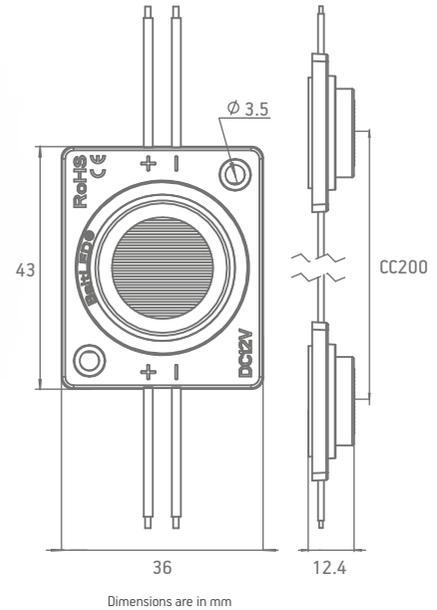


Best for 140 - 250 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.45 W
RECOMMENDED DEPTH	From 140 to 250 mm
CC DISTANCE	200 mm
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +90 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 25,000 h
WARRANTY	3 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMS-R13V12 -01USELPCW	1.45	110	6500 K	IN STOCK	YES

## PACKAGING INFORMATION

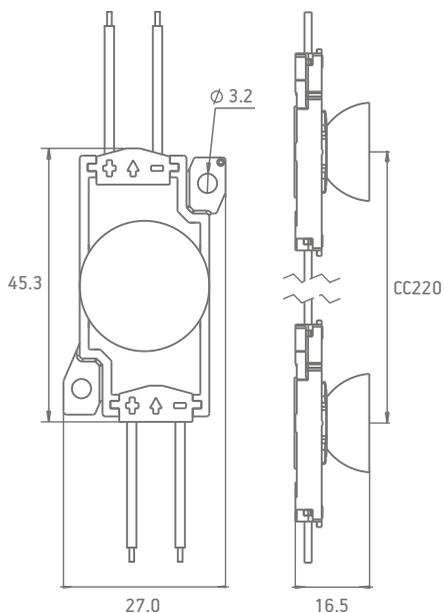
CHAIN		BAG		BOX	
30 pcs	(net weight: 0.510 kg)	60 pcs	(net weight: 1.020 kg)	600 pcs	(net weight: 10.600 kg)



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	700 mA
POWER	2.1 w
RECOMMENDED DEPTH	From 140 to 200 mm
CC DISTANCE	220 mm
OPERATING TEMPERATURE	-35 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +90 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 60,000 h
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BMP-S52.3-01EX0ELW1	2.1	260	6500 K	IN STOCK	YES

## PACKAGING INFORMATION

CHAIN	BAG	BOX
15 pcs (net weight: 0.193 kg)	30 pcs (net weight: 0.689 kg)	300 pcs (net weight: 7.900 kg)

# CROWN DUO STAR



## APPLICATION



Best for 140 - 200 mm

# EDGELIT LED BAR

**5**  
YEARS  
WARRANTY

**100 - 250**  
mm

**15x45°**

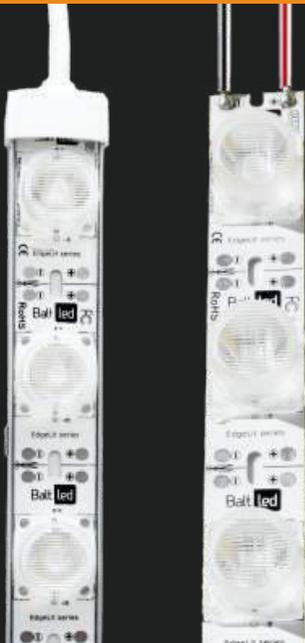
**6500 K**

**2160 lm**

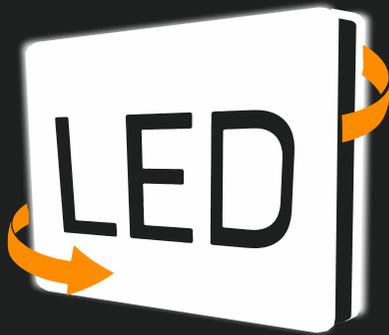
**30 W**

**IP 67**

**L70**  
**50 000 h**



## APPLICATION

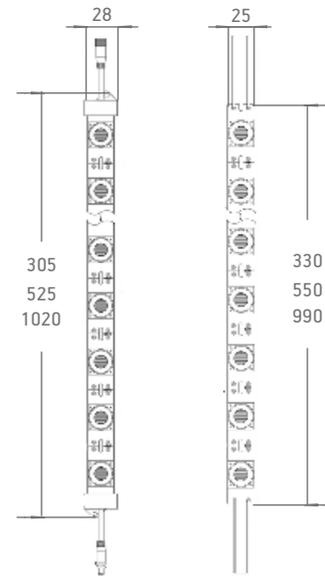


Best for 100 - 250 mm

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	10 W   17 W   30 W
RECOMMENDED DEPTH	From 100 to 250 mm
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



IP67  
Dimensions are in mm

IP20

## ORDERING INFORMATION

SKU	IP CLASS	POWER, W	LUMEN OUTPUT, LM	COLOUR	STATUS	SAMPLES
BLBP-340A15x4565E10	IP67	10.0	750	6500 K	PRE-ORDER*	ON REQUEST
BLBP-560A15x4565E17	IP67	17.0	1275	6500 K	PRE-ORDER*	ON REQUEST
BLBP-1000A15x4565E30	IP67	30.0	2250	6500 K	PRE-ORDER*	ON REQUEST
BLBP-330A15x4565I10	IP20	10.0	750	6500 K	PRE-ORDER*	ON REQUEST
BLBP-550A15x4565I17	IP20	17.0	1275	6500 K	PRE-ORDER*	ON REQUEST
BLBP-990A15x4565I30	IP20	30.0	2250	6500 K	PRE-ORDER*	ON REQUEST
BLBP-CKIT	Additional connector kit					

\* For precise lead time, contact your Customer Service manager.

## PACKAGING INFORMATION

SKU	WEIGHT	QTY/BOX	WEIGHT/BOX
BLBP-340A15x4565E10	0.120 kg	120 pcs	17.4 kg
BLBP-560A15x4565E17	0.206 kg	80 pcs	19.5 kg
BLBP-1000A15x4565E30	0.400 kg	40 pcs	19.0 kg
BLBP-330A15x4565I10	0.059 kg	120 pcs	8.6 kg
BLBP-550A15x4565I17	0.098 kg	80 pcs	9.3 kg
BLBP-990A15x4565I30	0.175 kg	40 pcs	8.5 kg



OTHER SOLUTIONS



# LINELIT LED STRIPS

5 YEARS WARRANTY

120°

IP20/IP67

L80 75 000 h



## APPLICATION

- Aluminium profiles
- Side lighting
- Signs
- General lighting
- Office lighting

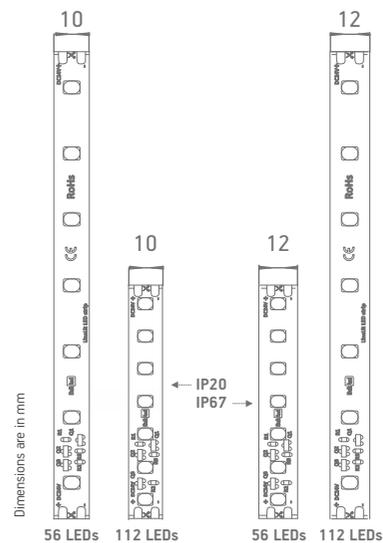
## PACKAGING INFORMATION

	power	m/reel	reels/box	WEIGHT per BOX, kg	
				56 LEDs	112 LEDs
IP20	5 W	15	45	9.8	11.0
	10 W	10	82	12.6	14.1
	15 W	5	90	8.2	9.0
	20 W	5	90	8.2	9.0
	25 W	5	90	8.2	9.0
IP67	5 W	5	20	9.7	9.7
	10 W	5	20	9.7	9.7
	15 W	5	20	9.7	9.7

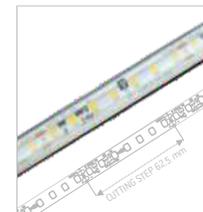
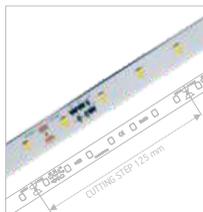
## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	5 W   10 W   15 W   20 W 25 W
LEDs PER METER	56   112
CUTTING STEP	125 mm   62.5 mm
OPERATING TEMPERATURE	-20 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
LIFETIME	L80 75,000 h
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



## DIRECT CONNECTION



## ORDERING INFORMATION

SKU	LEDs per METER, W	CUTTING STEP, MM	COLOUR	POWER per METER, W	LUMEN OUTPUT, LM	STATUS	SAMPLES
BLSP-LE56830I5	56	125	3000 K	5.0	638	PRE-ORDER*	ON REQUEST
BLSP-LE56830I10	56	125	3000 K	10.0	1284	PRE-ORDER*	ON REQUEST
BLSP-LE56830I15	56	125	3000 K	15.0	1842	PRE-ORDER*	ON REQUEST
BLSP-LE56830I20	56	125	3000 K	20.0	2607	PRE-ORDER*	ON REQUEST
BLSP-LE56830I25	56	125	3000 K	25.0	3062	PRE-ORDER*	ON REQUEST
BLSP-LE56840I5	56	125	4000 K	5.0	717	PRE-ORDER*	ON REQUEST
BLSP-LE56840I10	56	125	4000 K	10.0	1443	PRE-ORDER*	ON REQUEST
BLSP-LE56840I15	56	125	4000 K	15.0	2070	PRE-ORDER*	ON REQUEST
BLSP-LE56840I20	56	125	4000 K	20.0	2929	PRE-ORDER*	ON REQUEST
BLSP-LE56840I25	56	125	4000 K	25.0	3440	PRE-ORDER*	ON REQUEST

\* For precise lead time, contact your Customer Service manager.

## ORDERING INFORMATION

SKU	LEDs per METER, W	CUTTING STEP, MM	COLOUR	POWER per METER, W	LUMEN OUTPUT, LM	STATUS	SAMPLES
BLSP-LE56865I5	56	125	4000 K	5.0	674	PRE-ORDER*	ON REQUEST
BLSP-LE56865I10	56	125	4000 K	10.0	1356	PRE-ORDER*	ON REQUEST
BLSP-LE56865I15	56	125	4000 K	15.0	1946	PRE-ORDER*	ON REQUEST
BLSP-LE56865I20	56	125	4000 K	20.0	2753	PRE-ORDER*	ON REQUEST
BLSP-LE56865I25	56	125	4000 K	25.0	3234	PRE-ORDER*	ON REQUEST
BLSP-LE112830I5	112	62.5	6500 K	5.0	712	PRE-ORDER*	ON REQUEST
BLSP-LE112830I10	112	62.5	6500 K	10.0	1348	PRE-ORDER*	ON REQUEST
BLSP-LE112830I15	112	62.5	6500 K	15.0	2027	PRE-ORDER*	ON REQUEST
BLSP-LE112830I20	112	62.5	6500 K	20.0	2623	PRE-ORDER*	ON REQUEST
BLSP-LE112830I25	112	62.5	6500 K	25.0	3200	PRE-ORDER*	ON REQUEST
BLSP-LE112840I5	112	62.5	4000 K	5.0	800	PRE-ORDER*	ON REQUEST
BLSP-LE112840I10	112	62.5	4000 K	10.0	1515	PRE-ORDER*	ON REQUEST
BLSP-LE112840I15	112	62.5	4000 K	15.0	2278	PRE-ORDER*	ON REQUEST
BLSP-LE112840I20	112	62.5	4000 K	20.0	2948	PRE-ORDER*	ON REQUEST
BLSP-LE112840I25	112	62.5	4000 K	25.0	3595	PRE-ORDER*	ON REQUEST
BLSP-LE112865I5	112	125	6500 K	5.0	752	PRE-ORDER*	ON REQUEST
BLSP-LE112865I10	112	125	6500 K	10.0	1424	PRE-ORDER*	ON REQUEST
BLSP-LE112865I15	112	125	6500 K	15.0	2141	PRE-ORDER*	ON REQUEST
BLSP-LE112865I20	112	125	6500 K	20.0	2771	PRE-ORDER*	ON REQUEST
BLSP-LE112865I25	112	125	6500 K	25.0	3379	PRE-ORDER*	ON REQUEST
BLSP-LE56830E5	56	125	3000 K	5.0	589	PRE-ORDER*	ON REQUEST
BLSP-LE56830E10	56	125	3000 K	10.0	1210	PRE-ORDER*	ON REQUEST
BLSP-LE56830E15	56	125	3000 K	15.0	1910	PRE-ORDER*	ON REQUEST
BLSP-LE56840E5	56	125	4000 K	5.0	662	PRE-ORDER*	ON REQUEST
BLSP-LE56840E10	56	125	4000 K	10.0	1360	PRE-ORDER*	ON REQUEST
BLSP-LE56840E15	56	125	4000 K	15.0	2060	PRE-ORDER*	ON REQUEST
BLSP-LE56865E5	56	125	6500 K	5.0	623	PRE-ORDER*	ON REQUEST
BLSP-LE56865E10	56	125	6500 K	10.0	1278	PRE-ORDER*	ON REQUEST
BLSP-LE56865E15	56	125	6500 K	15.0	1978	PRE-ORDER*	ON REQUEST
BLSP-LE56830E5	112	62.5	3000 K	5.0	642	PRE-ORDER*	ON REQUEST
BLSP-LE56830E10	112	62.5	3000 K	10.0	1237	PRE-ORDER*	ON REQUEST
BLSP-LE56830E15	112	62.5	3000 K	15.0	1937	PRE-ORDER*	ON REQUEST
BLSP-LE112840E5	112	62.5	4000 K	5.0	722	PRE-ORDER*	ON REQUEST
BLSP-LE112840E10	112	62.5	4000 K	10.0	1390	PRE-ORDER*	ON REQUEST
BLSP-LE112840E15	112	62.5	4000 K	15.0	2090	PRE-ORDER*	ON REQUEST
BLSP-LE112865E5	112	62.5	6500 K	5.0	679	PRE-ORDER*	ON REQUEST
BLSP-LE112865E10	112	62.5	6500 K	10.0	1307	PRE-ORDER*	ON REQUEST
BLSP-LE112865E15	112	62.5	6500 K	15.0	2007	PRE-ORDER*	ON REQUEST

\* For precise lead time, contact your Customer Service manager.

# NEW: NEONFLEX P9

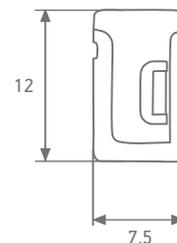


## GENERAL SPECIFICATIONS

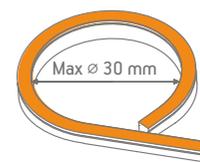
SUPPLY VOLTAGE	24 VDC
POWER	9 W
CRI	80
LEDs per METER	126
CUTTING STEP	55.5 mm
MAX CONTINUOUS LENGTH, M	10 m
MAX BENDING DIAMETER, MM	30 mm
DIMENSIONS (WxH)	7.5 x 12 mm
OPERATING TEMPERATURE	-20 °C ~ +60 °C
STORAGE TEMPERATURE	+5°C ~ +70 °C
CERTIFICATION	CE and RoHS
IP CLASS	IP67
LIFETIME	L70 50,000 h
STORAGE TEMPERATURE	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.

## DIMENSIONS, mm



## BEND DIAMETER



## APPLICATION

- LED neon letters or sign
- Indoor decoration lighting
- Facades outline lighting
- Bathrooms, SPA lighting

## PACKAGING INFORMATION

LENGTH per INNER BOX	10 m
NUMBER of INNER BOXES	6
LENGTH per OUTER BOX, m	60 m
OUTER BOX WEIGHT, kg	14.9
OUTER BOX DIMENSIONS (LxHxW), mm	480x420x270

## ORDERING INFORMATION

### NEONFLEX

SKU	POWER per METER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BNFP-SB-712S1B24V830P9	9.0	372	3000 K	PRE-ORDER*	ON REQUEST
BNFP-SB-712S1B24V840P9	9.0	400	4000 K	PRE-ORDER*	ON REQUEST
BNFP-SB-712S1B24V865P9	9.0	448	6500 K	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 200 m, lead time 3 – 4 weeks. For precise lead time, contact your Customer Service manager.

## FOR INSTALLATION

SKU	DESCRIPTION
BNFP-712-ALC	aluminum clips
BNFP-712-PCC	transparent PC clips
BNFP-712-ALP1000	aluminum profile, 1 m
BNFP-712-ALP200	aluminum profile, 2 m
BNFP-712-CKIT	power connector, end cap & silicone

**5**  
YEARS  
WARRANTY

6500 K

9.6 W

IP 67

L70  
50 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	9.6 W
CRI	80
LEDs per METER	120
CUTTING STEP	55.5 mm
MAX CONTINUOUS LENGTH, M	15 m
MAX BENDING DIAMETER, MM	80 mm
DIMENSIONS (WxH)	14 x 10 mm
OPERATING TEMPERATURE	-20 °C ~ +60 °C
STORAGE TEMPERATURE	+5 °C ~ +70 °C
CERTIFICATION	CE and RoHS
IP CLASS	IP67
LIFETIME	L70 50,000 h
STORAGE TEMPERATURE	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.

## ORDERING INFORMATION

### NEONFLEX

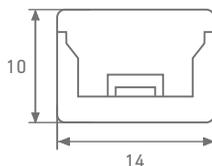
SKU	POWER per METER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BNFP-CB-1410S1B24V830P9.6	9.6	744	3000 K	PRE-ORDER*	ON REQUEST
BNFP-CB-1410S1B24V840P9.6	9.6	800	4000 K	PRE-ORDER*	ON REQUEST
BNFP-CB-1410S1B24V865P9.6	9.6	896	6500 K	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 200 m, lead time 3 – 4 weeks. For precise lead time, contact your Customer Service manager.

### FOR INSTALLATION

SKU	DESCRIPTION
BNFP-1410-ALC	aluminum clips
BNFP-1410-ALP1000	aluminum profile, 1 m
BNFP-1410-ALP2000	aluminum profile, 2 m
BNFP-1410-CKIT	power connector, end cap & silicone

### DIMENSIONS, mm



### BEND DIAMETER



# NEW: NEONFLEX P9.6



## APPLICATION

- LED neon letters or sign
- Indoor decoration lighting
- Facades outline lighting
- Bathrooms, SPA lighting

## PACKAGING INFORMATION

LENGTH per INNER BOX	5 m
NUMBER of INNER BOXES	6
LENGTH per OUTER BOX, m	30 m
OUTER BOX WEIGHT, kg	7.7
OUTER BOX DIMENSIONS (LxHxW), mm	550x440x255

# NEW: NEONFLEX P12

5  
YEARS  
WARRANTY

6500 K

12.0 W

IP 67

L70  
50 000 h



## APPLICATION

- LED neon letters or sign
- Indoor decoration lighting
- Facades outline lighting
- Bathrooms, SPA lighting

## PACKAGING INFORMATION

LENGTH per INNER BOX	10 m
NUMBER of INNER BOXES	6
LENGTH per OUTER BOX, m	60 m
OUTER BOX WEIGHT, kg	14.9
OUTER BOX DIMENSIONS (LxHxW), mm	585x485x275

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	12 W
CRI	80
LEDs per METER	120
CUTTING STEP	100 mm
MAX CONTINUOUS LENGTH, M	15 m
MAX BENDING DIAMETER, MM	100 mm
DIMENSIONS (WxH)	16 x 14 mm
OPERATING TEMPERATURE	-20 °C ~ +60 °C
STORAGE TEMPERATURE	+5°C ~ +70 °C
CERTIFICATION	CE and RoHS
IP CLASS	IP67
LIFETIME	L70 50,000 h
STORAGE TEMPERATURE	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.

## ORDERING INFORMATION

### NEONFLEX

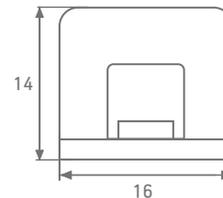
SKU	POWER per METER, W	LUMEN OUTPUT, LM	COLOUR / CCT	STATUS	SAMPLES
BNFP-CB-1614S1B24V830P12	12.0	837	3000 K	PRE-ORDER*	ON REQUEST
BNFP-CB-1614S1B24V840P12	12.0	900	4000 K	PRE-ORDER*	ON REQUEST
BNFP-CB-1614S1B24V865P12	12.0	1008	6500 K	PRE-ORDER*	ON REQUEST

\* Pre-order products will be available only with MOQ from 200 m, lead time 3 – 4 weeks. For precise lead time, contact your Customer Service manager.

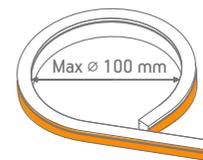
### FOR INSTALLATION

SKU	DESCRIPTION
BNFP-1614-ALC	aluminum clips
BNFP-1614-PCC	transparent PC clips
BNFP-1614-ALP1000	aluminum profile, 1 m
BNFP-1614-ALP2000	aluminum profile, 2 m
BNFP-1614-CKIT	power connector, end cap & silicone

### DIMENSIONS, mm



### BEND DIAMETER



**5**  
YEARS  
WARRANTY

**IP 67**

**L70**  
50 000 h

## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	220 VAC   24 VDC
POWER FACTOR	> 0.90
EFFICIENCY	138 lm/W - 148 lm/W
CCT	6500 ± 250 K   4000 ± 250 K
CRI	80
BEAM ANGLE	2 x 160°   2 x 180°
IP CLASS	IP67
RECOMMENDED DEPTH	From 140 to 400 mm
OPERATING TEMPERATURE	-20 °C ~ +40 °C
STORAGE TEMPERATURE	-40 °C ~ +80 °C
STORAGE CONDITIONS	Relative humidity <60%
LIFETIME	L70 50,000 h
MOUNTING OPTIONS	G13 socket   double plug, top   two sides plug
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years*

\*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.

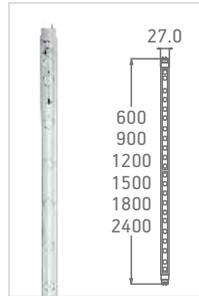
## ORDERING INFORMATION

### RETROFIT TUBES

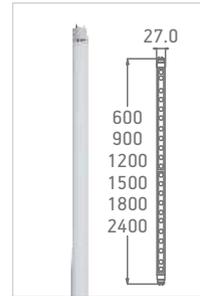
SKU	LENGTH, MM	CCT	COVER TYPE	CONNECTOR	VOLTAGE	POWER	LUMEN OUTPUT, LM	STATUS
BTBP-T8C-060A320865E10-DP24V	600	6500 K	clear	double plug, top	24 V	10 W	1430	PRE-ORDER*
BTBP-T8C-060A320865E10-DP	600	6500 K	clear	double plug, top	220 V	10 W	1480	PRE-ORDER*
BTBP-T8C-060A320865E10-TSP24V	600	6500 K	clear	two sides plug	24 V	10 W	1430	PRE-ORDER*
BTBP-T8C-060A320865E10-TSP	600	6500 K	clear	two sides plug	220 V	10 W	1480	PRE-ORDER*
BTBP-T8C-060A320865E10-G13	600	6500 K	clear	G13	220 V	10 W	1480	PRE-ORDER*
BTBP-T8M-060A360840E10-G13	600	4000 K	milky	G13	220 V	10 W	1380	PRE-ORDER*
BTBP-T8C-090A320865E12-DP24V	900	6500 K	clear	double plug, top	24 V	12 W	1716	PRE-ORDER*
BTBP-T8C-090A320865E12-DP	900	6500 K	clear	double plug, top	220 V	12 W	1776	PRE-ORDER*
BTBP-T8C-090A320865E12-TSP24V	900	6500 K	clear	two sides plug	24 V	12 W	1716	PRE-ORDER*
BTBP-T8C-090A320865E12-TSP	900	6500 K	clear	two sides plug	220 V	12 W	1776	PRE-ORDER*
BTBP-T8C-090A320865E12-G13	900	6500 K	clear	G13	220 V	12 W	1776	PRE-ORDER*
BTBP-T8M-090A360840E14-G13	900	4000 K	milky	G13	220 V	14 W	1932	PRE-ORDER*

\* Pre-order products will be available only with MOQ from 100 pcs, lead time 6 – 10 weeks. For precise lead time, contact your Customer Service manager.

### DIRECT CONNECTION

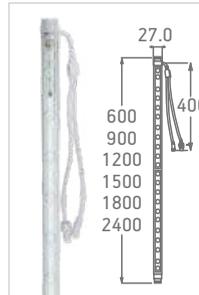


G13 socket | CLEAR COVER

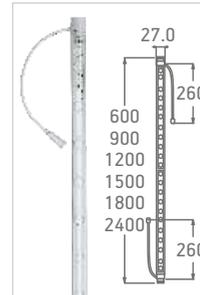


G13 socket | MILKY COVER

### INDIRECT CONNECTION | end cap needed



Top double plug, top | CLEAR COVER



G13 socket | CLEAR COVER

# RETROFIT TUBES



## APPLICATION

- Street furniture applications
- T8 replacement
- Outdoor conditions
- Recommended depth 140 – 400 mm

## PACKAGING INFORMATION

TUBE LENGTH	QTY/BOX
600 mm (0.252 kg)	25 pcs (6.3 kg)
900 mm (0.380 kg)	25 pcs (9.5 kg)
1200 mm (0.480 kg)	25 pcs (12.0 kg)
1500 mm (0.572 kg)	25 pcs (14.3 kg)
1800 mm (0.720 kg)	25 pcs (18.0 kg)
2400 mm (0.940 kg)	25 pcs (24.0 kg)

## ORDERING INFORMATION

### RETROFIT TUBES

SKU	LENGTH, MM	CCT	COVER TYPE	CONNECTOR	VOLTAGE	POWER	LUMEN OUTPUT, LM	STATUS
BTBP-T8C-120A320865E18-DP24V	1200	6500 K	clear	double plug, top	24 V	18 W	2574	PRE-ORDER*
BTBP-T8C-120A3208650E18-DP	1200	6500 K	clear	double plug, top	220 V	18 W	2664	PRE-ORDER*
BTBP-T8C-120A320865E18-TSP24V	1200	6500 K	clear	two sides plug	24 V	18 W	2574	PRE-ORDER*
BTBP-T8C-120A320865E18-TSP	1200	6500 K	clear	two sides plug	220 V	18 W	2664	PRE-ORDER*
BTBP-T8C-120A320865E18-G13	1200	6500 K	clear	G13	220 V	18 W	2664	PRE-ORDER*
BTBP-T8M-120A360840E20-G13	1200	4000 K	milky	G13	220 V	20 W	2766	PRE-ORDER*
BTBP-T8C-150A320865E20-DP24V	1500	6500 K	clear	double plug, top	24 V	20 W	2866	PRE-ORDER*
BTBP-T8C-150A320865E20-DP	1500	6500 K	clear	double plug, top	220 V	20 W	2960	PRE-ORDER*
BTBP-T8C-150A320865E20-TSP24V	1500	6500 K	clear	two sides plug	24 V	20 W	2866	PRE-ORDER*
BTBP-T8C-150A320865E20-TSP	1500	6500 K	clear	two sides plug	220 V	20 W	2960	PRE-ORDER*
BTBP-T8C-150A320865E20-G13	1500	6500 K	clear	G13	220 V	20 W	2960	PRE-ORDER*
BTBP-T8M-150A360840E22-G13	1500	4000 K	milky	G13	220 V	22 W	3036	PRE-ORDER*
BTBP-T8C-180A320865E28-DP24V	1800	6500 K	clear	double plug, top	24 V	28 W	4004	PRE-ORDER*
BTBP-T8C-180A320865E30-DP	1800	6500 K	clear	double plug, top	220 V	30 W	4440	PRE-ORDER*
BTBP-T8C-180A320865E28-TSP24V	1800	6500 K	clear	two sides plug	24 V	28 W	4004	PRE-ORDER*
BTBP-T8C-180A320865E30-TSP	1800	6500 K	clear	two sides plug	220 V	30 W	4440	PRE-ORDER*
BTBP-T8C-180A320865E28-G13	1800	6500 K	clear	G13	220 V	28 W	4144	PRE-ORDER*
BTBP-T8M-180A360840E32-G13	1800	4000 K	milky	G13	220 V	32 W	4416	PRE-ORDER*
BTBP-T8C-240A320865E40-DP24V	2400	6500 K	clear	double plug, top	24 V	40 W	5720	PRE-ORDER*
BTBP-T8C-240A320865E40-DP	2400	6500 K	clear	double plug, top	220 V	40 W	5920	PRE-ORDER*
BTBP-T8C-240A320865E40-TSP24V	2400	6500 K	clear	two sides plug	24 V	40 W	5720	PRE-ORDER*
BTBP-T8C-240A320865E40-TSP	2400	6500 K	clear	two sides plug	220 V	40 W	5920	PRE-ORDER*
BTBP-T8C-240A320865E40-G13	2400	6500 K	clear	G13	220 V	40 W	5920	PRE-ORDER*
BTBP-T8M-240A360840E42-G13	2400	4000 K	milky	G13	220 V	40 W	5796	PRE-ORDER*

\* Pre-order products will be available only with MOQ from 100 pcs, lead time 6 – 10 weeks. For precise lead time, contact your Customer Service manager.

### ACCESSORIES

SKU	DESCRIPTION
BTB-RTF-AKIT	Nozzle
BTB-RTF-BKIT	End cap
BTB-RTF-CKIT	AC cable
BTB-RTF-DKIT	DC cable



NOZZLE



END CAP



AC / DC CABLE

### ACCESSORY KIT

SKU	NOZZLES	END CAPS	FEMALE EXTENSION CABLE	CABLE TYPE   LENGTH, MM
BTB-RTF-AKIT	1 pc	10 psc	1 pc	AC   500
BTB-RTF-BKIT	2 pcs	25 pcs	2 pcs	AC   500
BTB-RTF-CKIT	2 pcs	25 pcs	2 pcs	DC   500
BTB-RTF-DKIT	1 pc	10 psc	1 pc	DC   800
BTB-RTF-EKIT	1 pc	10 psc	1 pc	AC   800



**SIGNBRIDGE  
POWER SUPPLIES**



# SIGNBRIDGE PRO

60 W LED driver. Model: BPSE-60-12V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310

## GENERAL SPECIFICATIONS

EFFICIENCY	≥86% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +60°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	7 years, ≥70 000 h

## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	0.5 A Max
MAX INRUSH CURRENT	≤50 A
POWER FACTOR	≥0.90 (230 VAC)

## OUTPUT

OUTPUT CURRENT	5 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	60 W

## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

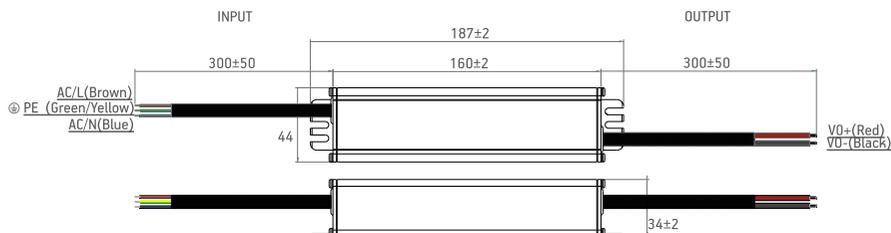
CIRCUIT BREAKER OF TYPE C 16 A	5 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSE-60-12V.1	450	160 x 44 x 34	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS





# SIGNBRIDGE PRO

100 W LED driver. Model: BPSE-100-12V.1

## GENERAL SPECIFICATIONS

EFFICIENCY	≥88% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +60°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	7 years, ≥70 000 h

## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	0.8 A Max
MAX INRUSH CURRENT	≤80 A
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	8.33 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	100 W



## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

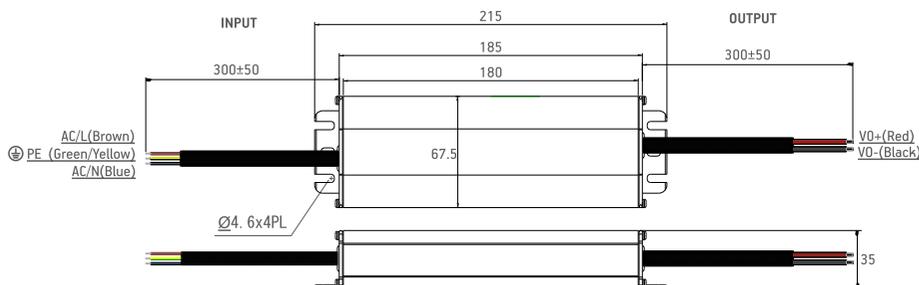
CIRCUIT BREAKER OF TYPE C 16 A	3 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSE-100-12V.1	880	180 x 67.5 x 35	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310

# SIGNBRIDGE PRO

150 W LED driver. Model: BPSE-150-12V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310

## GENERAL SPECIFICATIONS

EFFICIENCY	≥92% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +50°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	7 years, ≥70 000 h

## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	2.1 A Max
MAX INRUSH CURRENT	≤70 A
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	12.5 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	150 W

## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

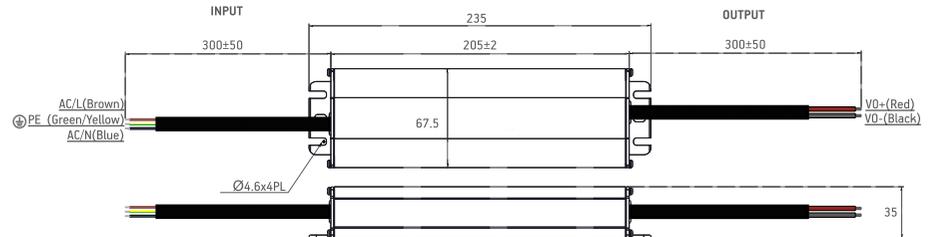
CIRCUIT BREAKER OF TYPE C 16 A	3 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSE-150-12V.1	1000	205 x 67.5 x 35	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS





# SIGNBRIDGE PLUS

40 W LED driver. Model: BPSP-40-12V.1

## GENERAL SPECIFICATIONS

<b>EFFICIENCY</b>	≥86% (230 VAC)
<b>TURN ON DELAY</b>	≤3000mS (230 VAC)
<b>OPERATING CONDITIONS</b>	-40°C ~ +60°C; 20 ~ 95% humidity
<b>STORAGE CONDITIONS</b>	-40 °C ~ +80 °C; 10 ~ 95% humidity
<b>IP CLASS</b>	IP 68
<b>PROTECTIONS INCLUDED</b>	Over current Short circuit Over voltage
<b>WARRANTY</b>	5 years, ≥50 000 h

## INPUT

<b>INPUT VOLTAGE RANGE</b>	200 - 240 VAC, (50 - 60 Hz)
<b>MAX INPUT AC CURRENT</b>	0.3 A Max
<b>MAX INRUSH CURRENT</b>	≤50 A (100-277 VAC)
<b>POWER FACTOR</b>	≥0.90 (230 VAC)

## OUTPUT

<b>OUTPUT CURRENT</b>	3.3 A
<b>OUTPUT VOLTAGE</b>	12 V DC
<b>MAX OUTPUT POWER</b>	40 W



## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

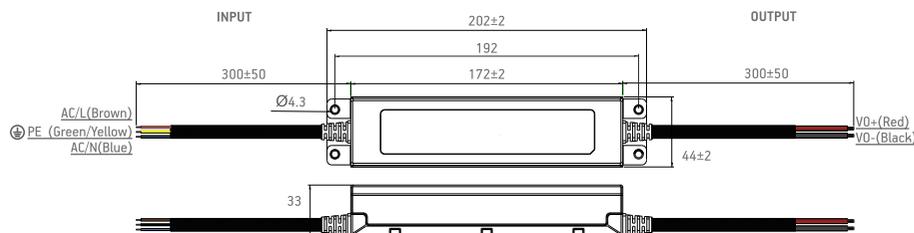
<b>CIRCUIT BREAKER OF TYPE C 16 A</b>	28 units (at 230 VAC)
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## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-40-12V.1	450	172 x 44 x 33	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13

# SIGNBRIDGE PLUS

40 W LED driver. Model: BPSP-40-24V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13



## GENERAL SPECIFICATIONS

<b>EFFICIENCY</b>	≥86% (230 VAC)
<b>TURN ON DELAY</b>	≤3000mS (230 VAC)
<b>OPERATING CONDITIONS</b>	-40°C ~ +60°C; 20 ~ 95% humidity
<b>STORAGE CONDITIONS</b>	-40 °C ~ +80 °C; 10 ~ 95% humidity
<b>IP CLASS</b>	IP 68
<b>PROTECTIONS INCLUDED</b>	Over current Short circuit Over voltage
<b>WARRANTY</b>	5 years, ≥50 000 h

## INPUT

<b>INPUT VOLTAGE RANGE</b>	200 - 240 VAC, (50 - 60 Hz)
<b>MAX INPUT AC CURRENT</b>	0.3 A Max
<b>MAX INRUSH CURRENT</b>	≤50 A (100-277 VAC)
<b>POWER FACTOR</b>	≥0.95 (230 VAC)

## OUTPUT

<b>OUTPUT CURRENT</b>	1.67 A
<b>OUTPUT VOLTAGE</b>	24 V DC
<b>MAX OUTPUT POWER</b>	40 W

## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

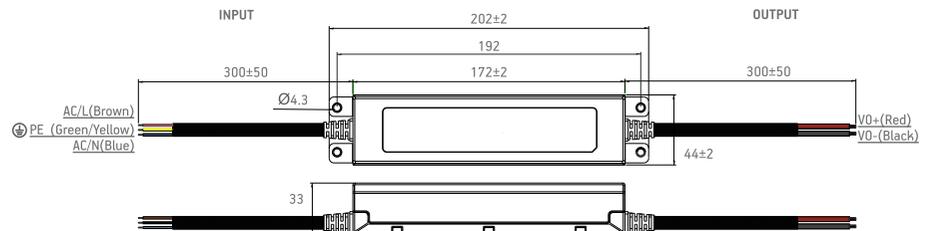
**CIRCUIT BREAKER OF TYPE C 16 A** 28 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-40-24V.1	450	172 x 44 x 33	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS





# SIGNBRIDGE PLUS

60 W LED driver. Model: BPSP-60-12V.1

## GENERAL SPECIFICATIONS

EFFICIENCY	≥86% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +55°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	5 years, ≥50 000 h

## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	0.5 A Max
MAX INRUSH CURRENT	≤50 A
POWER FACTOR	≥0.90 (230 VAC)

## OUTPUT

OUTPUT CURRENT	5 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	60 W



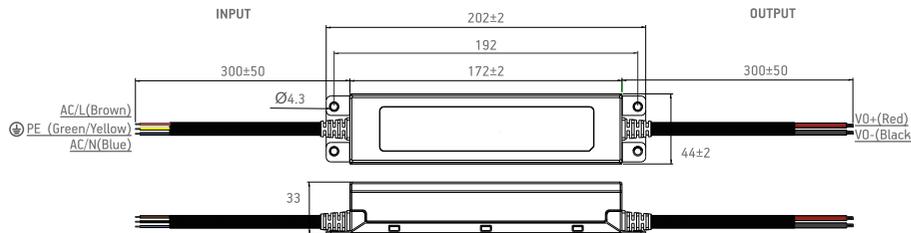
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	5 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-60-12V.1	450	172 x 44 x 33	AVAILABLE

## DIMENSIONS



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310

# SIGNBRIDGE PLUS

60 W LED driver. Model: BPSP-60-24V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310



## GENERAL SPECIFICATIONS

EFFICIENCY	≥86% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +55°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	5 years, ≥50 000 h

## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	0.5 A Max
MAX INRUSH CURRENT	≤50 A
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	2.5 A
OUTPUT VOLTAGE	24 V
MAX OUTPUT POWER	60 W

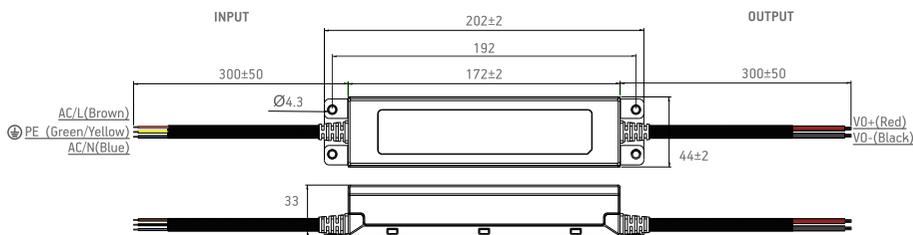
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	5 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-60-24V.1	450	172 x 44 x 33	AVAILABLE

## DIMENSIONS



5 YEARS WARRANTY



RoHS



## GENERAL SPECIFICATIONS

EFFICIENCY	≥88% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +55°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	5 years, ≥50 000 h

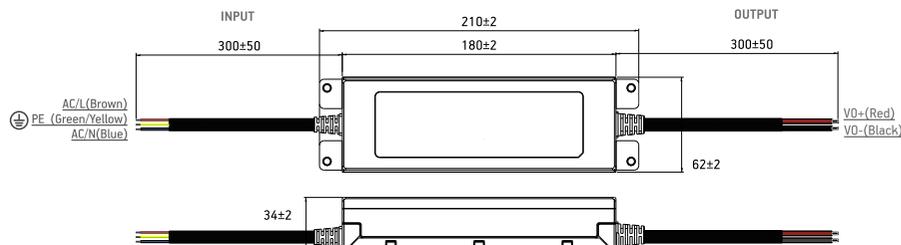
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	3 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-100-12V.1	750	180 x 62 x 34	AVAILABLE

## DIMENSIONS



## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	0.8 A Max
MAX INRUSH CURRENT	≤80 A
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	8.33 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	100 W

# SIGNBRIDGE PLUS

100 W LED driver. Model: BPSP-100-12V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310

# SIGNBRIDGE PLUS

100 W LED driver. Model: BPS-100-24V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310



## GENERAL SPECIFICATIONS

<b>EFFICIENCY</b>	≥88% (230 VAC)
<b>TURN ON DELAY</b>	≤3000mS (230 VAC)
<b>OPERATING CONDITIONS</b>	-40°C ~ +55°C; 20 ~ 95% humidity
<b>STORAGE CONDITIONS</b>	-40 °C ~ +80 °C; 10 ~ 95% humidity
<b>IP CLASS</b>	IP 68
<b>PROTECTIONS INCLUDED</b>	Over current Short circuit Over voltage Over temperature
<b>WARRANTY</b>	5 years, ≥50 000 h

## INPUT

<b>INPUT VOLTAGE RANGE</b>	200 - 240 VAC, (50 - 60 Hz)
<b>MAX INPUT AC CURRENT</b>	0.8 A Max
<b>MAX INRUSH CURRENT</b>	≤80 A
<b>POWER FACTOR</b>	≥0.95 (230 VAC)

## OUTPUT

<b>OUTPUT CURRENT</b>	4.16 A
<b>OUTPUT VOLTAGE</b>	24 V
<b>MAX OUTPUT POWER</b>	100 W

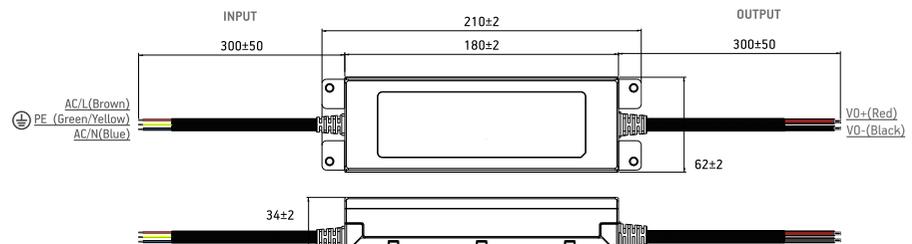
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

<b>CIRCUIT BREAKER OF TYPE C 16 A</b>	3 units (at 230 VAC)
<b>CIRCUIT BREAKER OF TYPE C 25 A</b>	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPS-100-24V.1	750	180 x 62 x 34	AVAILABLE

## DIMENSIONS





# SIGNBRIDGE PLUS

150 W LED driver. Model: BPSP-150-12V.1

## GENERAL SPECIFICATIONS

EFFICIENCY	≥92% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +45°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	5 years, ≥50 000 h

## INPUT

INPUT VOLTAGE RANGE	200 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	2.1 A Max
MAX INRUSH CURRENT	≤70 A
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	12.5 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	150 W



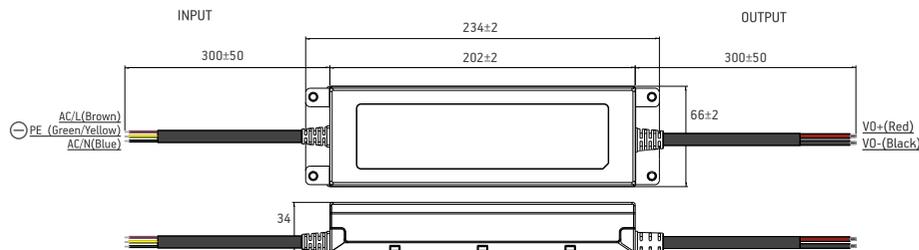
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	3 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	8 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-150-12V.1	916	202 x 66 x 34	AVAILABLE

## DIMENSIONS



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13
- UL8750
- UL1310

# SIGNBRIDGE PLUS

60 W LED driver. Model: BPSP-60-C700.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13



## GENERAL SPECIFICATIONS

EFFICIENCY	≥88% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +50°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage
WARRANTY	5 years, ≥50 000 h

## INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	0.8 A Max
MAX INRUSH CURRENT	≤65 A (100-277 VAC)
POWER FACTOR	≥0.90 (230 VAC)

## OUTPUT

OUTPUT CURRENT	0.7 A
OUTPUT VOLTAGE	40-80 V DC
MAX OUTPUT POWER	60 W

## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

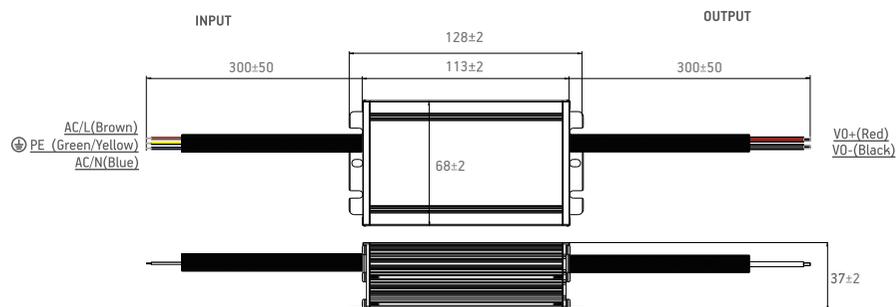
CIRCUIT BREAKER OF TYPE C 16 A	18 units (at 230 VAC)
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## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP-60-C700.1	580	113 x 68 x 37	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS





# SIGNBRIDGE PLUS

100 W LED driver. Model: BPSP-100-C700.1

## GENERAL SPECIFICATIONS

EFFICIENCY	≥88% (230 VAC)
TURN ON DELAY	≤3000mS (230 VAC)
OPERATING CONDITIONS	-40°C ~ +50°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage
WARRANTY	5 years, ≥50 000 h

## INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (50 - 60 Hz)
MAX INPUT AC CURRENT	1.3 A Max
MAX INRUSH CURRENT	≤65 A (100-277 VAC)
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	0.7 A
OUTPUT VOLTAGE	85-142 V
MAX OUTPUT POWER	100 W



## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

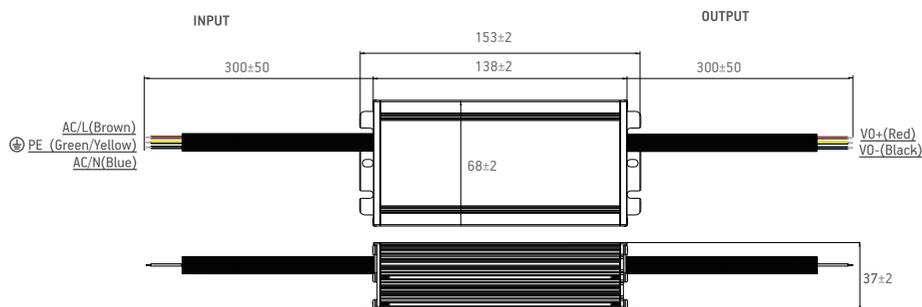
CIRCUIT BREAKER OF TYPE C 16 A	12 units (at 230 VAC)
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## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSPS-100-12V.1	720	138 x 68 x 37	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB

CE-LVD:

- IEC/EN61347-1
- IEC/EN61347-2-13

# SIGNBRIDGE SLIM PLUS

60 W LED driver. Model: BPSP.S-60-12V.1



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- CE-LVD:
  - IEC/EN61347-1
  - IEC/EN61347-2-13
  - UL8750
  - UL1310

## GENERAL SPECIFICATIONS

EFFICIENCY	≥85% (230 VAC)
TURN ON DELAY	3000 ms (230 VAC)
OPERATING CONDITIONS	-40°C ~ +50°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 68
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	5 years, ≥50 000 h

## INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.9 A Max
MAX INRUSH CURRENT	≤60 A
POWER FACTOR	≥0.95 (230 VAC)

## OUTPUT

OUTPUT CURRENT	5 A
OUTPUT VOLTAGE	12 V
MAX OUTPUT POWER	60 W

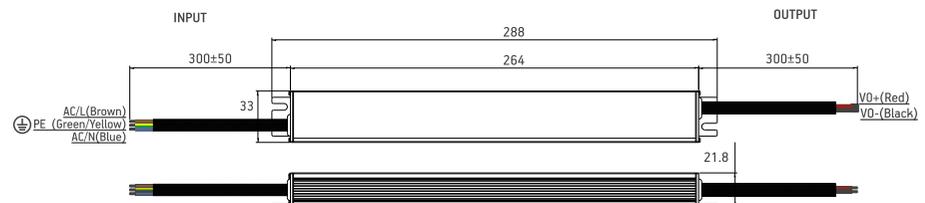
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	30 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	40 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP.S-60-12V.1	360	264 x 33 x 21.8	AVAILABLE

## DIMENSIONS





# SIGNBRIDGE SLIM PLUS

100 W LED driver. Model: BPSP.S-100-12V.1

## GENERAL SPECIFICATIONS

<b>EFFICIENCY</b>	≥92% (230 VAC)
<b>TURN ON DELAY</b>	3000 ms (230 VAC)
<b>OPERATING CONDITIONS</b>	-40°C ~ +50°C; 20 ~ 95% humidity
<b>STORAGE CONDITIONS</b>	-40 °C ~ +80 °C; 10 ~ 95% humidity
<b>IP CLASS</b>	IP 68
<b>PROTECTIONS INCLUDED</b>	Over current Short circuit Over voltage Over temperature
<b>WARRANTY</b>	5 years, ≥50 000 h

## INPUT

<b>INPUT VOLTAGE RANGE</b>	100 - 240 VAC, (47 - 63 Hz)
<b>MAX INPUT AC CURRENT</b>	1.3 A Max
<b>MAX INRUSH CURRENT</b>	≤70 A
<b>POWER FACTOR</b>	≥0.95 (230 VAC)

## OUTPUT

<b>OUTPUT CURRENT</b>	8.33 A
<b>OUTPUT VOLTAGE</b>	12 V
<b>MAX OUTPUT POWER</b>	100 W



## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

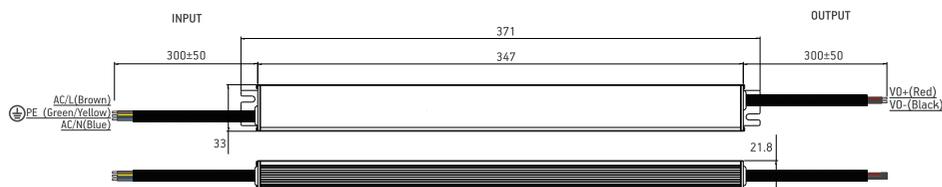
<b>CIRCUIT BREAKER OF TYPE C 16 A</b>	20 units (at 230 VAC)
<b>CIRCUIT BREAKER OF TYPE C 25 A</b>	30 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BPSP.S-100-12V.1	530	347 x 33 x 21.8	PRE-ORDER*

\* For precise lead time, contact your Customer Service manager.

## DIMENSIONS



## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- CE-LVD:
  - IEC/EN61347-1
  - IEC/EN61347-2-13
  - UL8750
  - UL1310



OTHER  
POWER SUPPLIES



5 YEARS WARRANTY

IP 67

CE

## GENERAL SPECIFICATIONS

EFFICIENCY	90%
TURN ON DELAY	0.2 s
OPERATING CONDITIONS	-30 °C ~ +50 °C; 20 ~ 90% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 67
PROTECTIONS INCLUDED	Over current Short circuit Over voltage
WARRANTY	5 years, 45 000 h

## INPUT

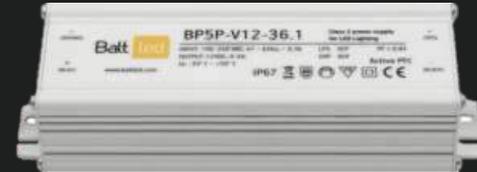
INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.3 A
MAX INRUSH CURRENT	70 A
POWER FACTOR	0.94

## OUTPUT

OUTPUT CURRENT	0 - 3 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	36 W

# BP5P-V12-36.1

36 W CONSTANT VOLTAGE  
POWER SUPPLY



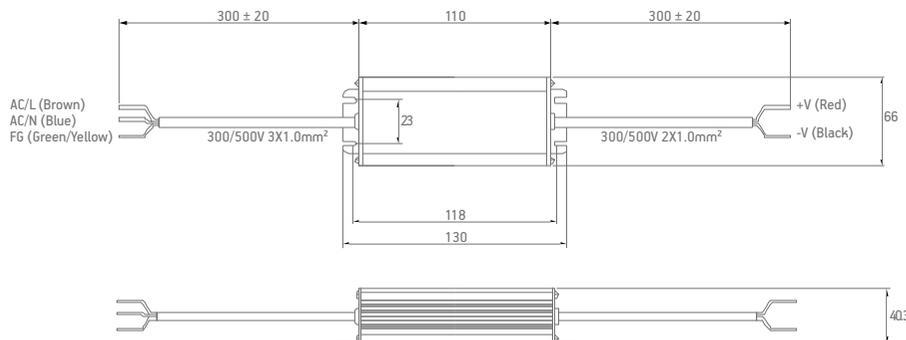
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	93 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	145 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BP5P-V12-36.1	600	130 x 66 x 40.3	IN STOCK

## DIMENSIONS



## CONFORMITY & STANDARDS

- EN60950-1
- EN61347-1
- EN61347-2-13
- EN55015
- EN55022 Class B
- EN61000-4-2,3,4,5,6,8,11
- EN61547

# BP3-V12-24.1

24 W CONSTANT VOLTAGE  
POWER SUPPLY



## GENERAL SPECIFICATIONS

EFFICIENCY	80 %
TURN ON DELAY	0.42 s
OPERATING CONDITIONS	-30 °C ~ +50 °C; 20 ~ 90% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 67
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	3 years, 25 000 h

## INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.3 A
MAX INRUSH CURRENT	70 A
POWER FACTOR	0.5

## OUTPUT

OUTPUT CURRENT	0 - 2 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	23.8 W

## CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55022 Class B
- EN 61000-3-2,-3
- EN61000-4-2,3,4,5,6,8,11
- EN50204

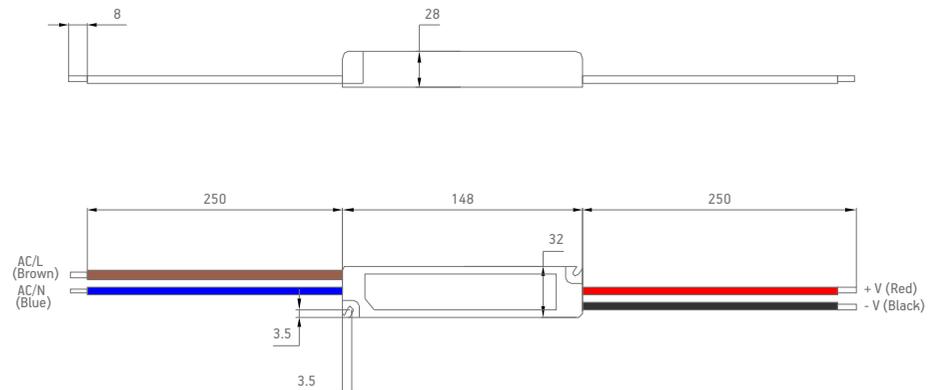
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	129 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	201 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BP3-V12-24.1	200.5	140 x 30 x 2.2	IN STOCK

## DIMENSIONS





## GENERAL SPECIFICATIONS

EFFICIENCY	82 %
TURN ON DELAY	0.8 s
OPERATING CONDITIONS	-30 °C ~ +50 °C; 20 ~ 90% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 67
PROTECTIONS INCLUDED	Over current Short circuit Over voltage Over temperature
WARRANTY	3 years, 25 000 h

## INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.35 A
MAX INRUSH CURRENT	70 A
POWER FACTOR	0.63

## OUTPUT

OUTPUT CURRENT	0 - 3 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	36 W

# BP3-V12-36.1

36 W CONSTANT VOLTAGE  
POWER SUPPLY



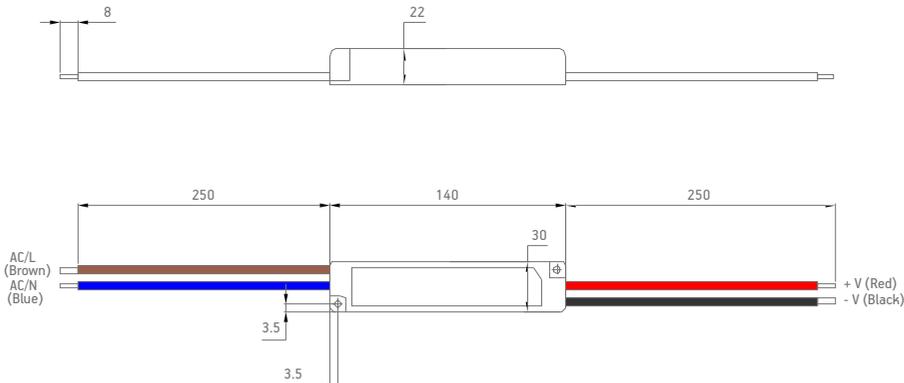
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	87 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	135 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BP3-V12-36.1	249.0	148 x 32 x 28	IN STOCK

## DIMENSIONS



## CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55022 Class B
- EN 61000-3-2,-3
- EN61000-4-2,3,4,5,6,8,11
- EN50204





## GENERAL SPECIFICATIONS

EFFICIENCY	86 %
TURN ON DELAY	0.5 s
OPERATING CONDITIONS	-30 °C ~ +50 °C; 20 ~ 90% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP 67
PROTECTIONS INCLUDED	Over current Over temperature
WARRANTY	3 years, 25 000 h

## INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.7 A
MAX INRUSH CURRENT	70 A
POWER FACTOR	0.64

## OUTPUT

OUTPUT CURRENT	0 - 8.3 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	99.6 W

# BP3-V12-100.1

100 W CONSTANT VOLTAGE  
POWER SUPPLY



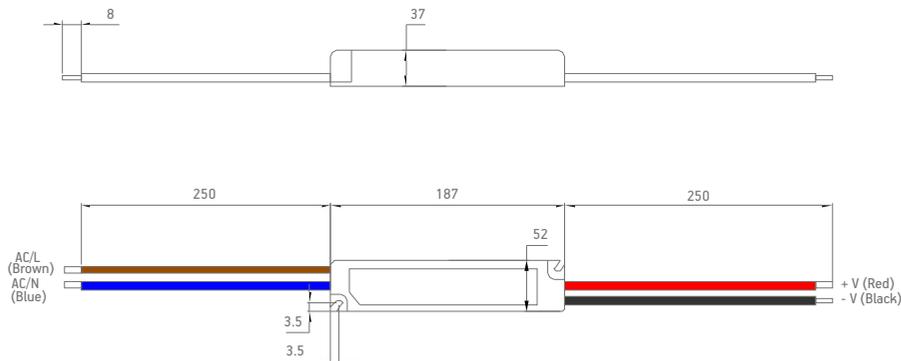
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	32 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	51 units (at 230 VAC)

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM	STATUS
BP3-V12-100.1	641.0	187 x 52 x 37	IN STOCK

## DIMENSIONS



## CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55022 Class B
- EN 61000-3-2,-3
- EN61000-4-2,3,4,5,6,8,11
- EN50204



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