

Balt led

Official Supply Partner

PERSPEX



Distribution Ltd

www.perspex.co.uk/BaltLED

2019 Q3 PRODUCT CATALOGUE illuminate your business



BACK THEN...

MORE THAN 14 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. At that moment, the professor happened to be working on the LED illumination for greenhouses to enhance the vegetation of plants. The conversation turned towards new developments in LED technology. Here and now the idea to adopt LED technology for signage illumination appears. In less than a year, BaltLED is founded and produces the county's first illuminated sign.

AND NOW...

WHO WE ARE TODAY

BaltLED - an international company providing LED illumination solutions for signage and general lighting applications all over Europe, extending to South Africa, Japan, Australia and more. With more than 14 years of experience, we have already provided solutions uniform illumination of more than 929 527m² of different signage applications. Also, with general lighting solutions 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 Skoda, Carrefour, Aldi, Decathlon, Mazda, Sberbank, Fiat and many more.

Over fourteen years, we have received many different awards and certificates. Here you can see a selection we are the most proud of: Golden medals of Product of the Year awards.



WHY ARE WE 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 our customers to understand their needs. Therefore, we can provide a specialised range of well-designed, functional and competitive lighting solutions. With these solutions our customers and partners can achieve new efficiency and profitability levels. Innovation and competence are the key characteristics of the solutions, systems and services we offer.

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.

EMPLOYEES

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

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.

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 system installed.

MANUFACTURING IN EUROPE

We are proud to have most of our signage and general lighting products manufactured in Europe. Being one of the only 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 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.

ABOUT US IN NUMBERS



929 527 m²

area illuminated with
our solutions.



72

passionate LED
lighting professionals.



30%

annual growth for
the past five years.



14 YEARS

of experience in LED signage
and general lighting.



340 023

LED illuminations projects
around the world.



40

countries where you
can find our solutions.



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

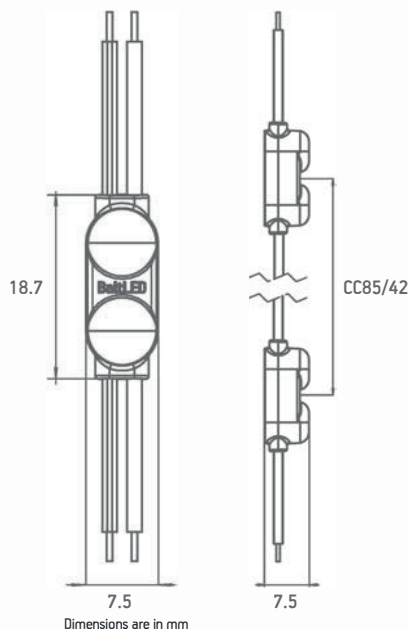


CROWN MINI

GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.1 W, 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
BMP-5M-02UH160CW80	85	0.3	28	7600 ± 250 K
BMP-5M-02UH160CW70	85	0.3	28	6500 ± 250 K
BMP-5M-02UH160WW30	85	0.3	27	3000 ± 200 K
BMP-5M-02UH160CW80CC	42	0.3	28	7600 ± 250 K
BMP-5M-02UH160CW70CC	42	0.3	28	6500 ± 250 K
BMP-5M-02UH160WW30CC	42	0.3	27	3000 ± 200 K
BMP-5ML-02UH160CW80CC	42	0.1	9	7600 ± 250 K
BMP-5ML-02UH160CW70CC	42	0.1	9	6500 ± 250 K
BMP-5ML-02UH160WW30CC	42	0.1	9	3000 ± 200 K

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

PACKAGING INFORMATION

CHAIN	BAG	BOX
50 pcs (net weight: 0.076 kg)	50 pcs (net weight: 0.117 kg)	2000 pcs (net weight: 5.100kg)

LED

Best for 20 - 60 mm

ACCESSORIES

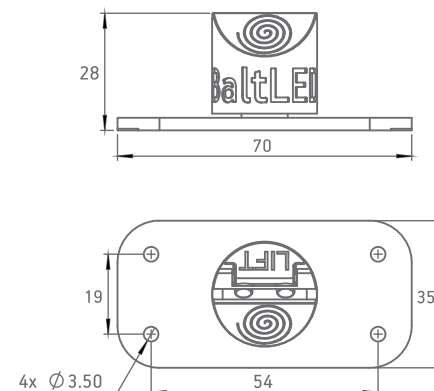
CROWN MINI SERIES PACKAGING CARD HOLDER

GENERAL SPECIFICATIONS

MATERIAL	12 VDC
COLOR	0.35 W
COMPATIBLE WITH	Crown MINI series

ORDERING INFORMATION

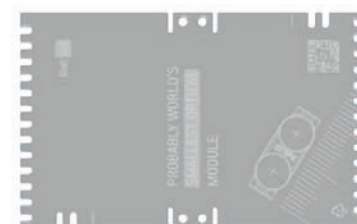
SKU	WEIGHT, G
BMP-5M-HLD	25



Dimensions are in mm

UNPACKING

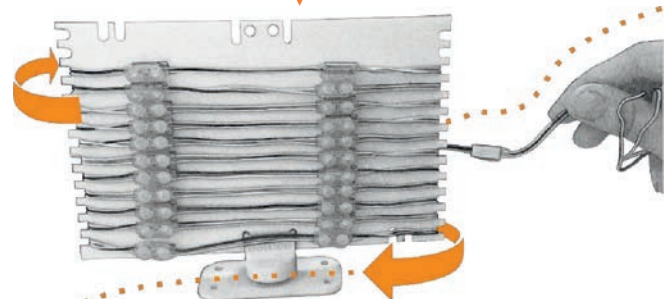
1. Attach the accessory to a desired surface using the included double-sided tape or screws.
2. Click in the packaging card into the holder.
3. To separate the packaging card from the holder, lift the labeled lever and pull the card out.



CLICK IN ↓



AND SPIN ↓



APPLICATION

- Unpacking of Crown MINI modules

FEATURES AND BENEFITS

- Designed as an accessory for the Crown MINI Series
- The accessory can be mounted in any orientation - horizontally, vertically or even upside down!

TIP: Mount the card holder to a magnet and use it on steel beams or brackets.



YEARS
WARRANTY

CROWN OPTO X FAMILY



7-YEAR WARRANTY

Peace of mind with a 7 year 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 colour, Crown OPTO X series is also available in red, green and blue colours.

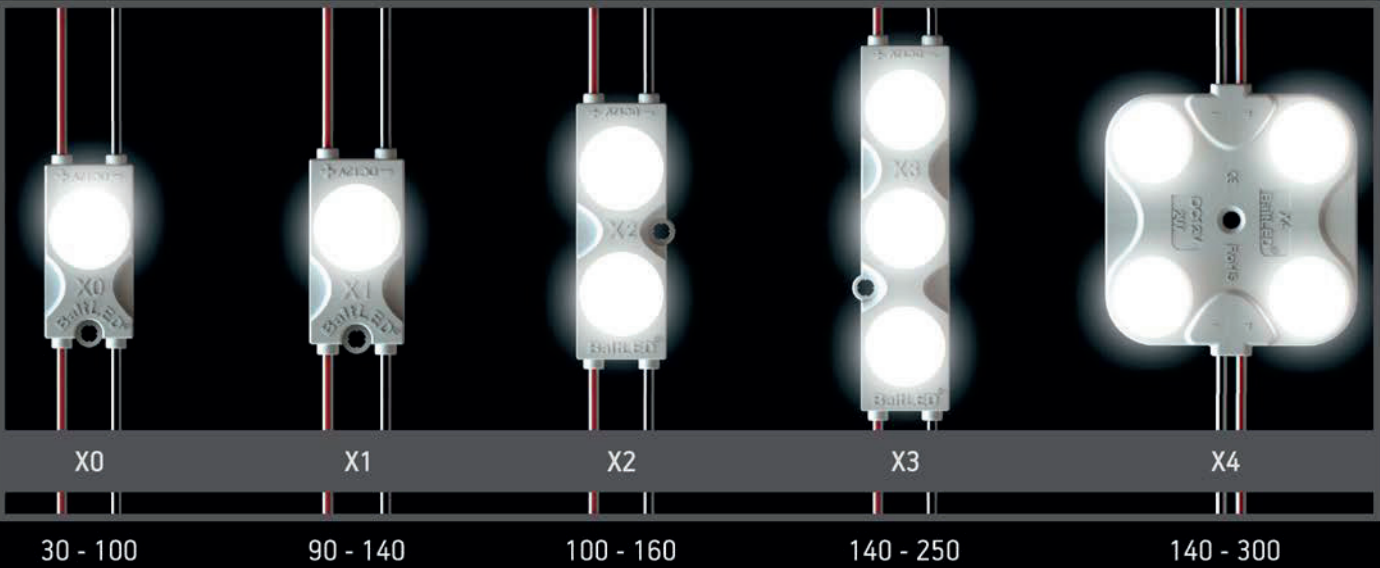


QUICK INSTALLATION

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

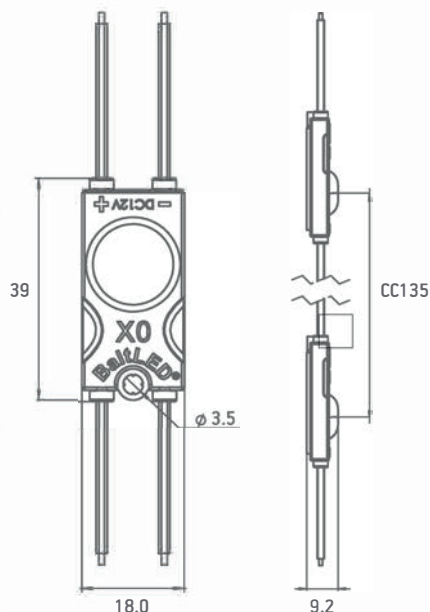
! These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at projects@baltled.com



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
BMP-X0.2-01UH160CW75NS	0.35 W	40 lm	7500 K
BMP-X0.2-01UH160CW70NS	0.35 W	40 lm	7000 K
BMP-X0.2-01UH160CW65NS	0.35 W	40 lm	6500 K
BMP-X0.2-01UH160NW40NS	0.35 W	39 lm	4000 K
BMP-X0.2-01UH160WW30NS	0.35 W	32 lm	3000 K
BMP-X0.2-01UH160RCNS	0.25 W	11 lm	red
BMP-X0.2-01UH160GCNS	0.30 W	21 lm	green
BMP-X0.2-01UH160BCNS	0.30 W	6 lm	blue

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)

CROWN OPTO X0



MORE INFORMATION



LED

LED

Best for 30 - 100 mm

CROWN OPTO X1



MORE INFORMATION



Best for 90 - 140 mm

7
YEARS
WARRANTY

90 - 140

160°

6500 K

60 lm

0.6 W

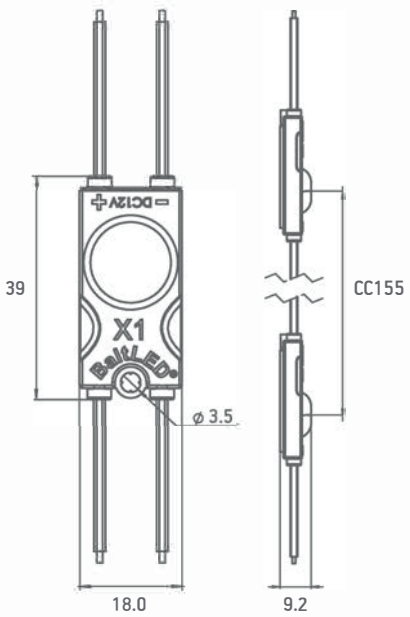
IP 67

L70
80 000 h

GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.4 W, 0.5 W, 0.6 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.



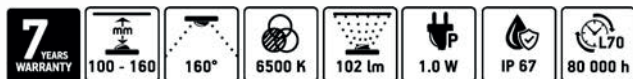
Dimensions are in mm

ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT
BMP-X1.2-01UH160CW75NS	0.6	60	7500 K
BMP-X1.2-01UH160CW70NS	0.6	60	7000 K
BMP-X1.2-01UH160CW65NS	0.6	60	6500 K
BMP-X1.2-01UH160NW40NS	0.6	60	4000 K
BMP-X1.2-01UH160WW30NS	0.6	56	3000 K
BMP-X1.2-01UH160RCNS	0.4	17	red
BMP-X1.2-01UH160GCNS	0.5	35	green
BMP-X1.2-01UH160BCNS	0.5	9	blue

PACKAGING INFORMATION

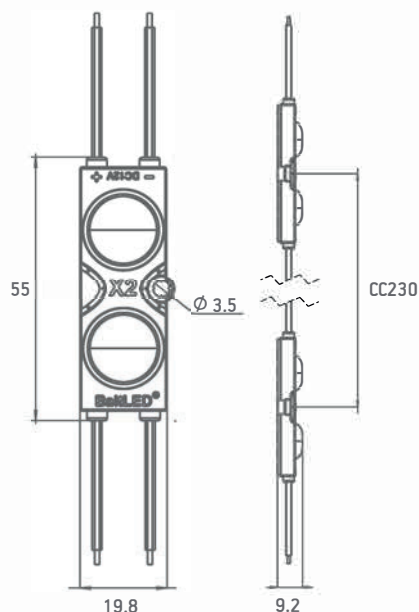
CHAIN		BAG		BOX	
70 pcs	(net weight: 0.638 kg)	140 pcs	(net weight: 1.300 kg)	840 pcs	(net weight: 8.100 kg)



GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.8 W, 1.0 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
BMP-X2.2-02UH160CW75NS	1	102	7500 K
BMP-X2.2-02UH160CW70NS	1	102	7000 K
BMP-X2.2-02UH160CW65NS	1	102	6500 K
BMP-X2.2-02UH160NW40NS	1	102	4000 K
BMP-X2.2-02UH160WW30NS	1	92	3000 K
BMP-X2.2-02UH160RC	0.8	34	red
BMP-X2.2-02UH160GC	1	70	green
BMP-X2.2-02UH160BC	1	18	blue

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)

CROWN OPTO X2



MORE INFORMATION

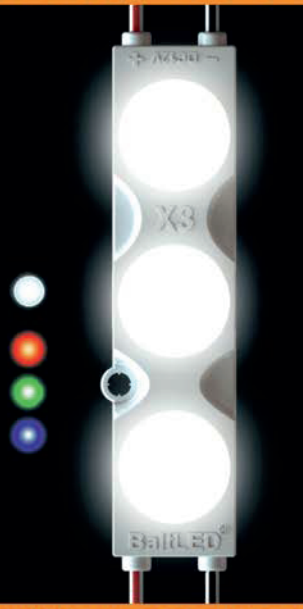


LED

LED

Best for 100 - 160 mm

CROWN OPTO X3



MORE INFORMATION



Best for 140 - 250 mm

7
YEARS
WARRANTY

140 - 250

160°

6500 K

152 lm

1.5 W

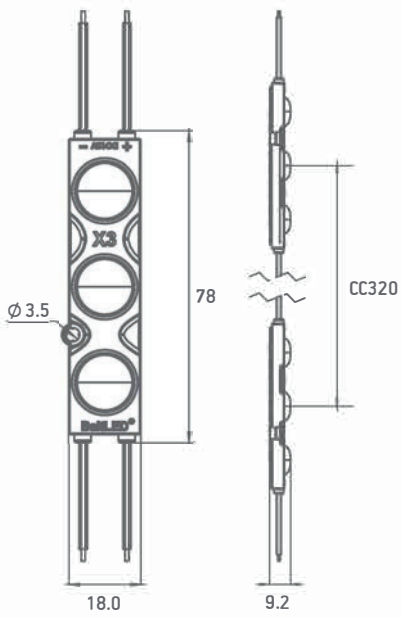
IP 67

L70
80 000 h

GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.2 W, 1.5 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
BMP-X3.2-03UH160CW75NS	1.5	152	7500 K
BMP-X3.2-03UH160CW70NS	1.5	152	7000 K
BMP-X3.2-03UH160CW65NS	1.5	152	6500 K
BMP-X3.2-03UH160NW40NS	1.5	152	4000 K
BMP-X3.2-03UH160WW30NS	1.5	137	3000 K
BMP-X3.2-03UH160RCNS	1.2	51	red
BMP-X3.2-03UH160GCNS	1.5	105	green
BMP-X3.2-03UH160BCNS	1.5	27	blue

PACKAGING INFORMATION

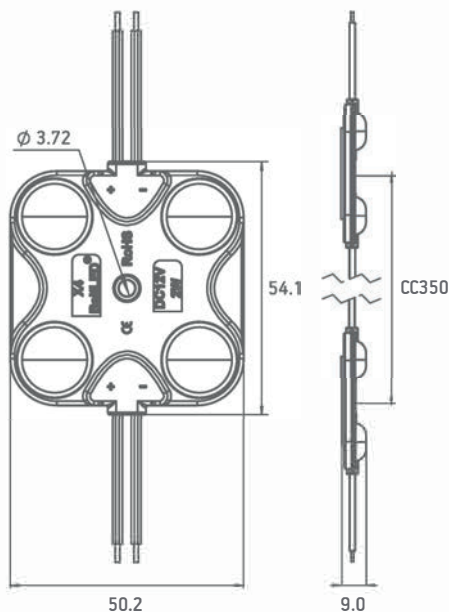
CHAIN	BAG	BOX
30 pcs (net weight:0.570 kg)	90 pcs (net weight:1.760 kg)	540 pcs (net weight:10.800 kg)



GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.6 W, 2 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

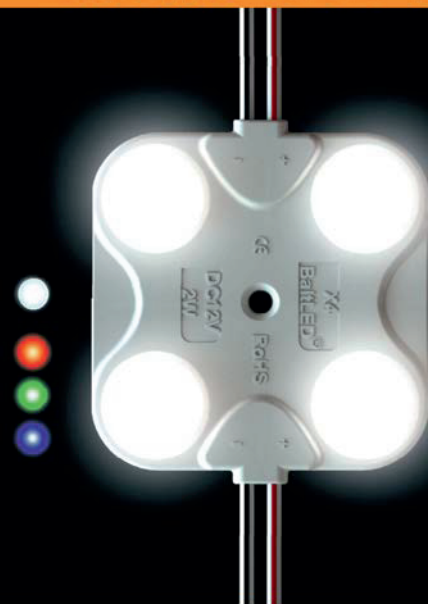
ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT
BMP-X4.2-04UH160CW75NS	2	200	7500 K
BMP-X4.2-04UH160CW70NS	2	200	7000 K
BMP-X4.2-04UH160CW65NS	2	200	6500 K
BMP-X4.2-04UH160NW40NS	2	200	4000 K
BMP-X4.2-04UH160WW30NS	2	180	3000 K
BMP-X4.2-04UH160RC	1.6	68	red
BMP-X4.2-04UH160GC	2	150	green
BMP-X4.2-04UH160BC	2	36	blue

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)

CROWN OPTO X4



MORE INFORMATION



LED

LED

Best for 140 - 300 mm

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

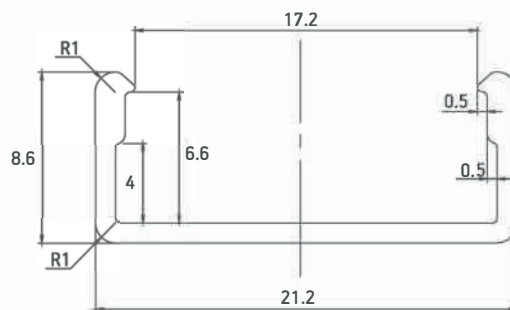
FAST MOUNTING PROFILE FOR CROWN OPTO X FAMILY

GENERAL SPECIFICATIONS

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

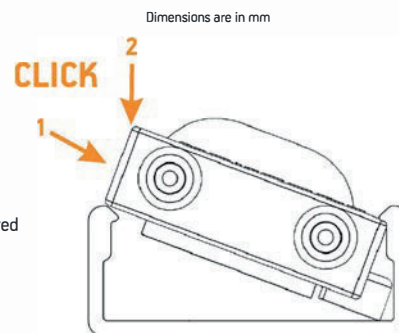
ORDERING INFORMATION

SKU	WEIGHT PER METER
FM-X-PROFILE	106.7 g



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 .



YEARS
WARRANTY

CROWN OPTOS FAMILY



5-YEAR WARRANTY

Peace of mind for the 5 year warranty period.



EUROPEAN QUALITY

Modules are developed in Europe: quality you can trust.



WIDEAPPLICABILITY

CrownOPTOS 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 COLOUR

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

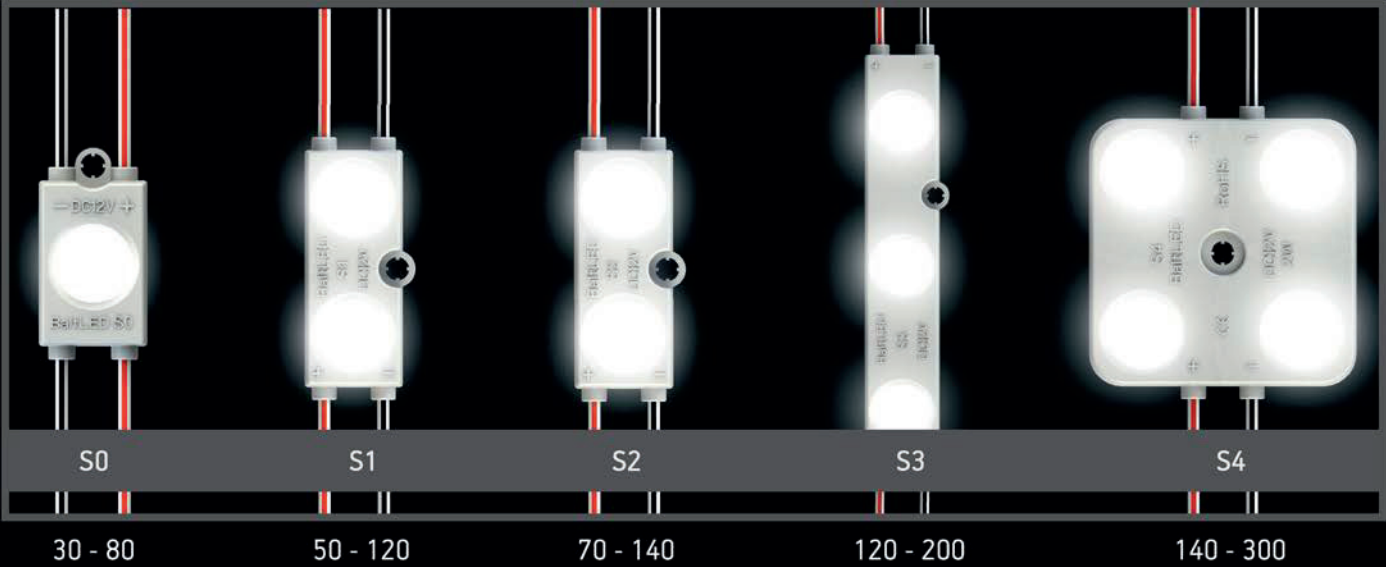


PIXEL ACCESSORY

Special holder for CrownOPTOS series transforms standard module into pixel.

CROWN OPTO S FAMILY

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
S0	40	60	80	100	100	130														
S1			80	90	110	130	150	170	180	200										
S2					110	130	160	160	180	200	210	230								
S3										200	210	240	270	310	310	340	340	340		
S4												250	270	310	330	340	340	340	340	340

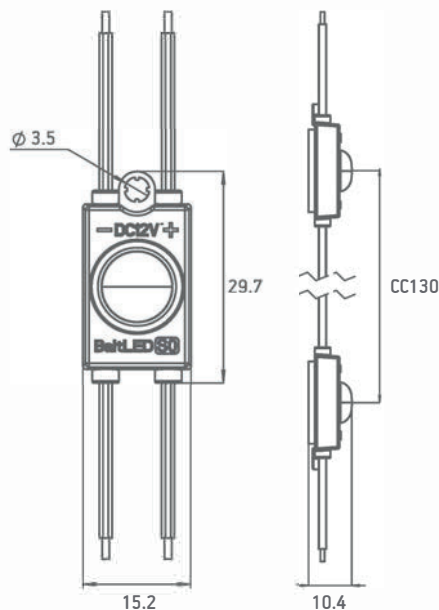
! These are only recommendations and may vary based on application, cover material and other factors. For precise calculations please contact us.



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
BMP-S0-01UH160CW651	0.35	38	6600 K
BMP-S0-01UH160CW652	0.35	38	6500 K
BMP-S0-01UH160NW401	0.35	37	4000 K
BMP-S0-01UH160WW301	0.35	37	3000 K
BMP-S0-01UH160RC	0.35	15	red
BMP-S0-01UH160GC	0.35	25	green
BMP-S0-01UH160BC	0.35	6	blue

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)

CROWN OPTO S0



MORE INFORMATION



LED

LED

Best for 30 - 80 mm

CROWN OPTO S1



MORE INFORMATION



Best for 50 - 120 mm

5
YEARS
WARRANTY

50 - 120

160°

6500 K

80 lm

0.75 W

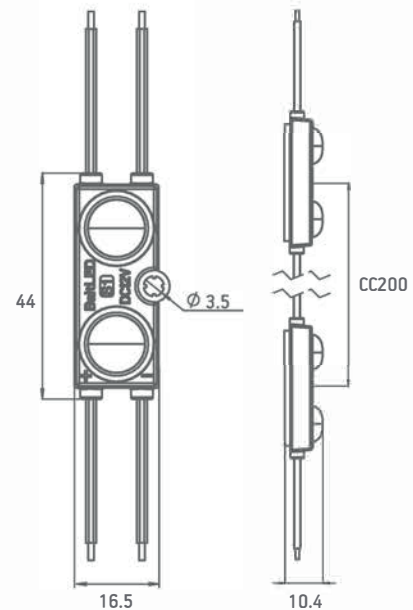
IP 67

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
BMP-S1-02UH160CW651	0.75	80	6600 K
BMP-S1-02UH160CW652	0.75	80	6500 K
BMP-S1-02UH160NW401	0.75	78	4000 K
BMP-S1-02UH160WW301	0.75	78	3000 K
BMP-S1-02UH160RC	0.75	30	red
BMP-S1-02UH160GC	0.75	50	green
BMP-S1-02UH160BC	0.75	13	blue

PACKAGING INFORMATION

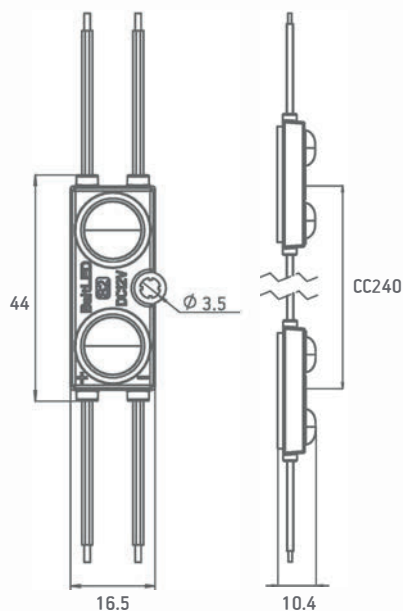
CHAIN	BAG	BOX
50 pcs (net weight: 0.401 kg)	100 pcs (net weight: 0.820 kg)	1000 pcs (net weight 8.700 kg)



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
BMP-S2-02UH160CW651	1	105	6600 K
BMP-S2-02UH160CW652	1	105	6500 K
BMP-S2-02UH160NW401	1	102	4000 K
BMP-S2-02UH160WW301	1	102	3000 K

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)

CROWN OPTO S2



MORE INFORMATION



LED

LED

Best for 70 - 140 mm

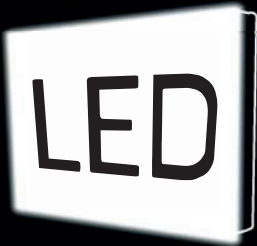
CROWN OPTO S3



MORE INFORMATION



LED



Best for 120 - 200 mm

5
YEARS
WARRANTY

mm
120 - 200

160°

6500 K

155 lm

1.5 W

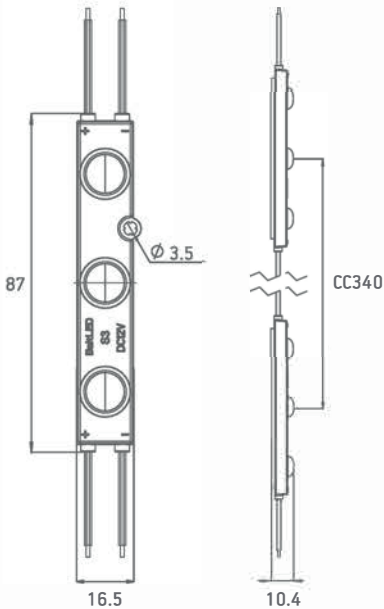
IP 67

L70
50 000 h

GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	1.2 W; 1.5 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
BMP-S3-03UH160CW651	1.5	155	6600 K
BMP-S3-03UH160CW652	1.5	155	6500 K
BMP-S3-03UH160NW401	1.5	152	4000 K
BMP-S3-03UH160WW301	1.5	152	3000 K
BMP-S3-03UH160RC	1.2	52	red
BMP-S3-03UH160GC	1.5	100	green
BMP-S3-03UH160BC	1.5	27	blue

PACKAGING INFORMATION

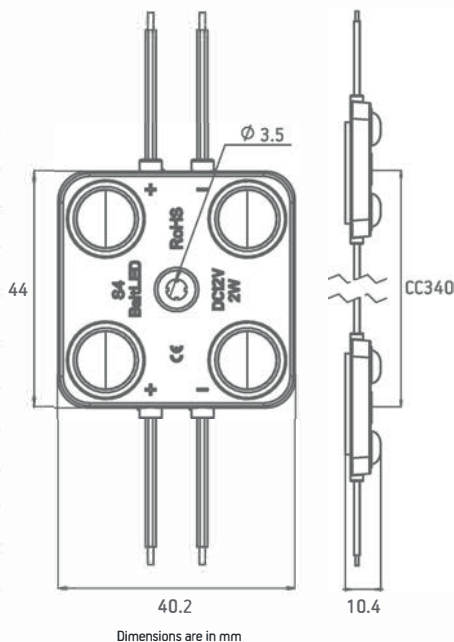
CHAIN	BAG	BOX
25 pcs (net weight: 0.385 kg)	75 pcs (net weight: 1.170 kg)	675 pcs (net weight: 11.000 kg)



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

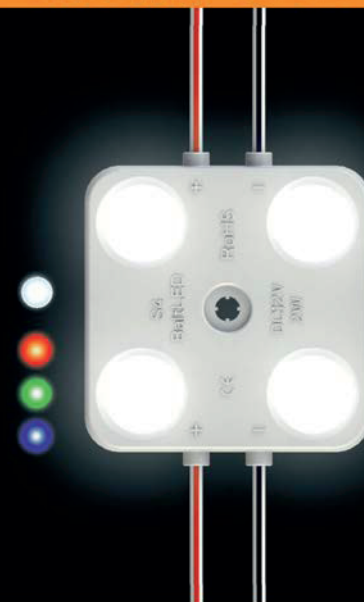
ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT
BMP-S4-04UH160CW651	2	210	6600 K
BMP-S4-04UH160CW652	2	210	6500 K
BMP-S4-04UH160NW401	2	205	4000 K
BMP-S4-04UH160WW301	2	205	3000 K
BMP-S4-04UH160RC	1.6	69	red
BMP-S4-04UH160GC	2	134	green
BMP-S4-04UH160BC	2	36	blue

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)

CROWN OPTO S4



MORE INFORMATION



Best for 140 - 300 mm



APPLICATION

- Pixel signs
- Contour lighting
- Decoration lighting

GENERAL SPECIFICATIONS

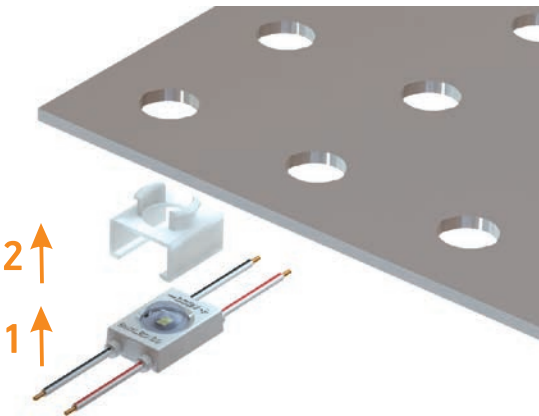
MATERIAL	PP (polypropylene)
COLOUR	Translucent
COMPATIBLE WITH	S0 series
BEAM ANGLE (WITH S0 SERIES)	105° (field angle 170°)
CC DISTANCE	40 - 100 mm
SHEET THICKNESS	3 mm
STORAGE CONDITIONS	0°C ~ +30°C (relative humidity <80%)
INSTALLATION TEMPERATURE	0°C ~ +30°C
AMBIENT WORKING TEMPERATURE	-30°C ~ +60°C
WEIGHT PER PCS	0.62 g
PACKAGE	100 pcs
WARRANTY	3 years

ORDERING INFORMATION

SKU	PACKAGE	WEIGHT PER PCS.
BPH-S02PP-TR	100 pcs	0.62 g

INSTALLATION

1. Click Crown OPTO S0 module into holder
2. Click module with the holder into sign from the back side.





YEARS
WARRANTY

CROWN OPTO S FAMILY OTHER COLOUR 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

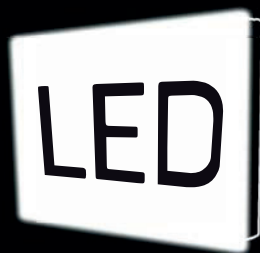
! These are only recommendations and may vary based on application, cover material and other factors.
For precise calculations please contact us.

CROWN OPTO S0



APPLICATION

LED

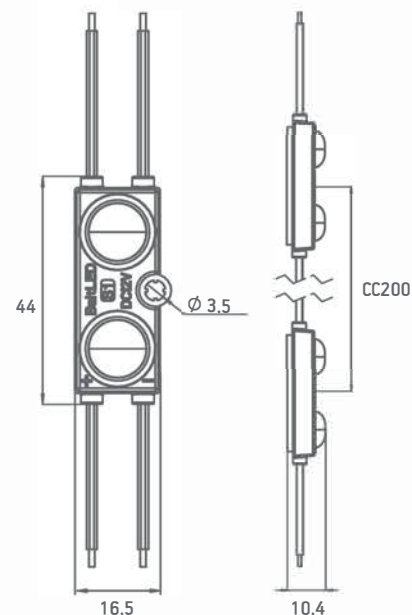


Best for 50 - 120 mm

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
BMS-S0-01UE160R	0.32	9.5	red
BMS-S0-01UH160G	0.32	19.5	green
BMS-S0-01UH160B	0.32	11	blue

PACKAGING INFORMATION

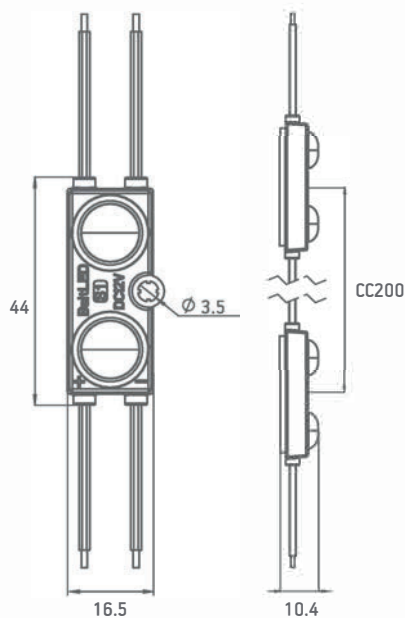
CHAIN	BAG	BOX
70 pcs (net weight: 0.401 kg)	140 pcs (net weight: 0.820 kg)	1400 pcs (net weight 8.700 kg)



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

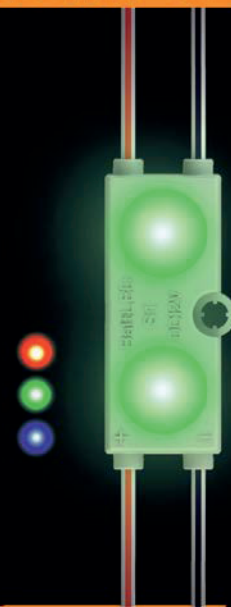
ORDERING INFORMATION

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

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



Best for 50 - 120 mm

NEW!

CROWN OPTO HP FOR DEEP SINGLE-SIDED APPLICATIONS

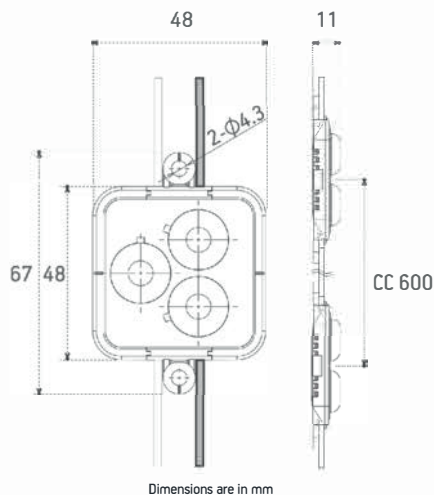
	CENTRE-TO-CENTRE DISTANCE, mm				
	160	180	200	250	300
4000 K, 3000 K, 2700 K	350	400	500	550	600
6500 K, 5000 K	300	350	400	500	600



GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 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.



ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT
BMP-L3A160865E5-24V	5.0	505	6500 K
BMP-L3A160850E5-24V	5.0	505	5000 K
BMP-L3A160840E5-24V	5.0	505	4000 K
BMP-L3A160830E5-24V	5.0	450	3000 K
BMP-L3A160827E5-24V	5.0	450	2700 K

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)

CROWN OPTO HP



APPLICATION



Best for 50 - 120 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	160	200	250	300
<u>SNOW MINI S12</u>	35	40	55	70	75											
RGB MODULE					80	90	90	110	120	130	150	180	200			

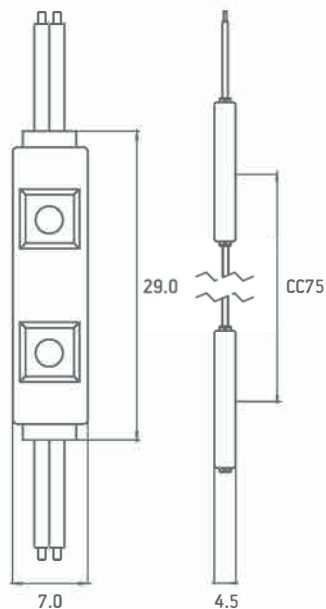
! These are only recommendations and may vary based on application, cover material and other factors. For precise project calculation please contact us at projects@baltled.com



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
BMS-S12-02UB120W1	0.3	14.5	7000 K

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



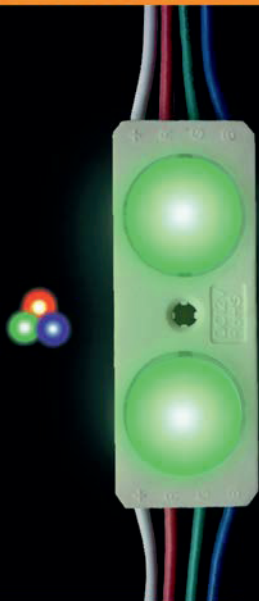
MORE INFORMATION



LED

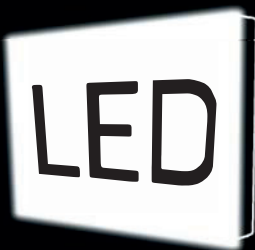
Best for 40 - 80 mm

RGB MODULE



APPLICATION

LED



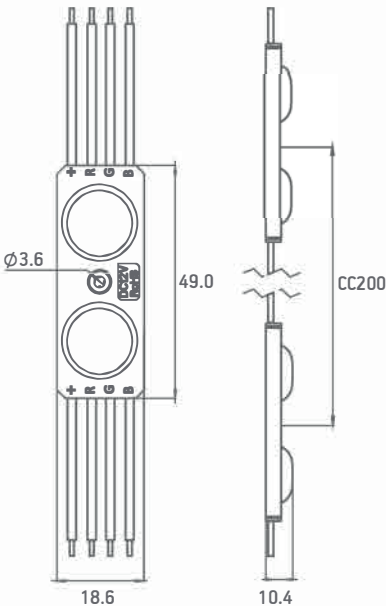
Best for 80 - 160 mm



GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC
POWER	0.72 W
RECOMMENDED DEPTH	From 80 to 160 mm
CC DISTANCE	200 mm
OPERATING TEMPERATURE	-25 °C ~ +60 °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
BMS-S2-02UH160RGB	0.72	14	RGB

PACKAGING INFORMATION

CHAIN	BAG	BOX
25 pcs (0.338 kg)	100 pcs (1.350 kg)	600 pcs (8.100 kg)

OTHER MODULES FOR DOUBLE-SIDED APPLICATIONS

DEPTHS, mm	CENTRE-TO-CENTRE DISTANCE, mm							
	140	150	160	170	180	190	200	250
<u>CROWN DUO STAR</u>	150	150	150	150	150	150	150	
CROWN DUO R13V12	150	150	150	150	150	150	150	150

! 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

CROWN DUO STAR



MORE INFORMATION



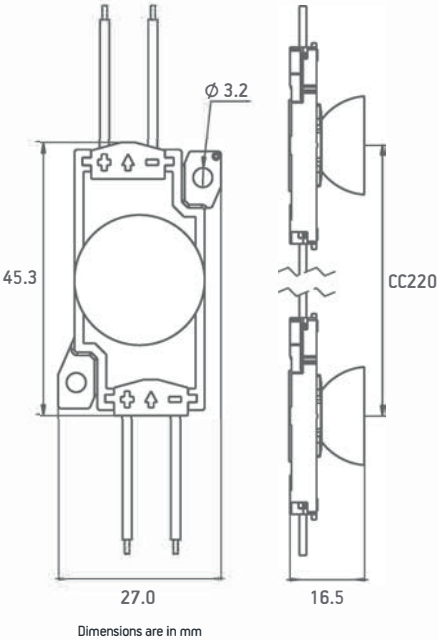
Best for 140 - 200 mm



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
BMP-S52.3-01EX0ELW1	2.1	230	6600 K

PACKAGING INFORMATION

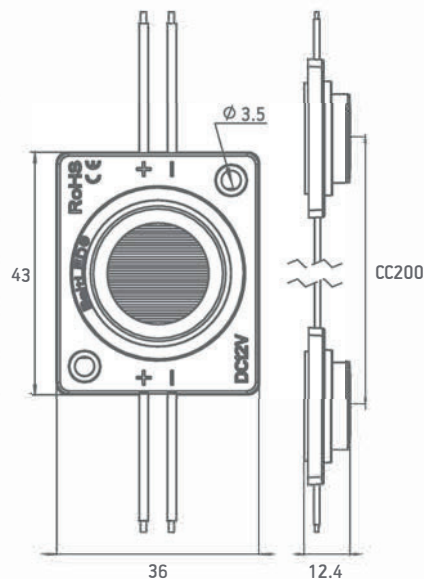
CHAIN		BAG		BOX	
15 pcs	(net weight: 0.193 kg)	30 pcs	(net weight: 0.689 kg)	300 pcs	(net weight: 7.900 kg)



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.



Dimensions are in mm

ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT, LM	COLOUR / CCT
BMS-R13V12 -01USELPCW	1.45	110	6500 K

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)

CROWN DUO R13V12



MORE INFORMATION



Best for 140 - 250 mm



YEARS
WARRANTY

POWER SUPPLIES





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

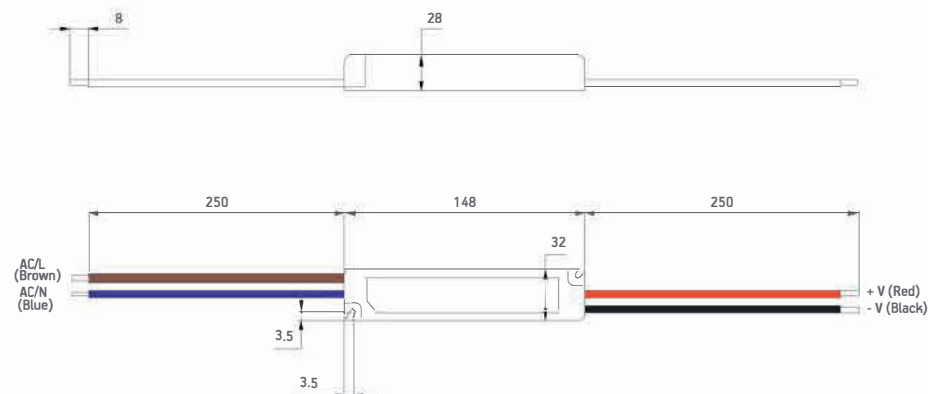
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

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

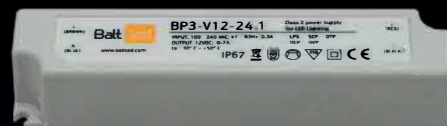
SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP3-V12-24.1	200.5	140 x 30 x 2.2

DIMENSIONS



BP3-V12-24.1

24 W CONSTANT VOLTAGE POWER SUPPLY



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

BP3-V12-36.1

36 W CONSTANT VOLTAGE
POWER SUPPLY



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

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

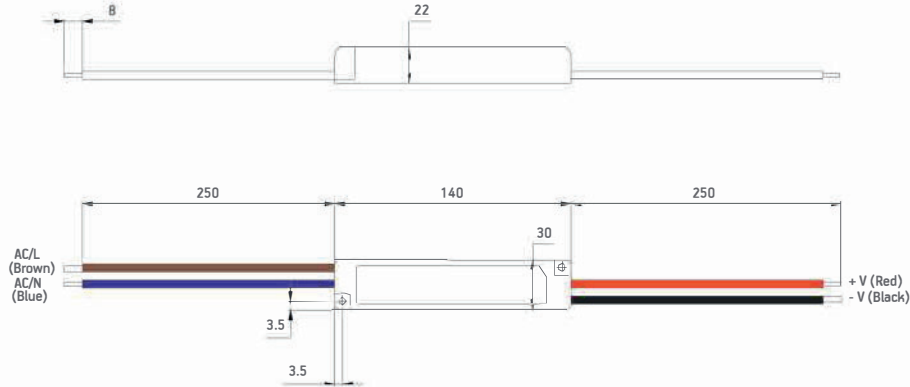
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	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
BP3-V12-36.1	249.0	148 x 32 x 28

DIMENSIONS





GENERAL SPECIFICATIONS

EFFICIENCY	82 %
TURN ON DELAY	1.3 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	0.7 A
MAX INRUSH CURRENT	70 A
POWER FACTOR	0.64

OUTPUT

OUTPUT CURRENT	0 - 5 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	60 W

BP3-V12-60.1

60 W CONSTANT VOLTAGE POWER SUPPLY



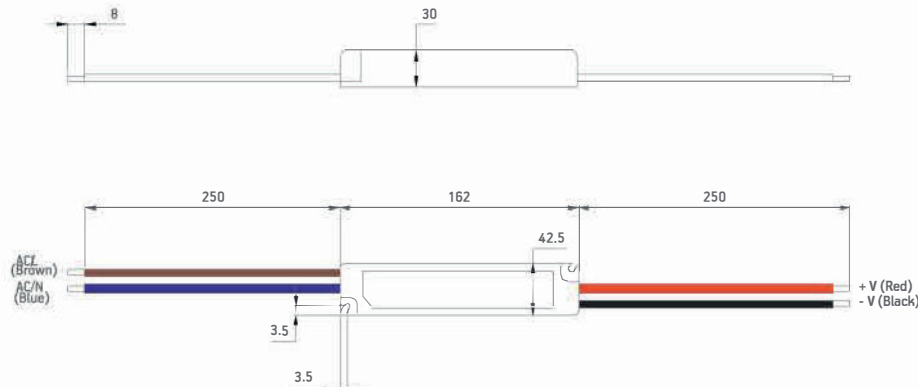
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	52 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	81 units (at 230 VAC)

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP3-V12-60.1	402.5	162 x 42.5 x 30

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

BP3-V12-100.1

100 W CONSTANT VOLTAGE
POWER SUPPLY



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

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

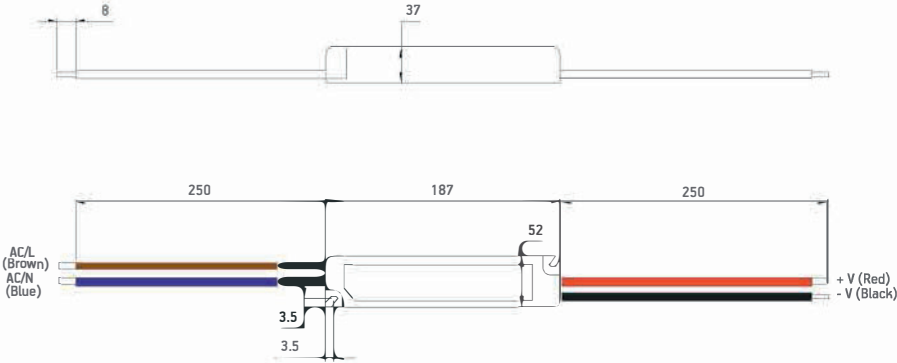
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	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
BP3-V12-100.1	641.0	187 x 52 x 37

DIMENSIONS





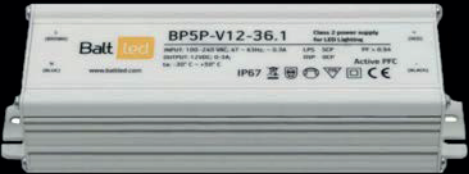
YEARS
WARRANTY

POWER SUPPLIES



BP5P-V12-36.1

36 W CONSTANT VOLTAGE
POWER SUPPLY



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

CONFORMITY & STANDARDS

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

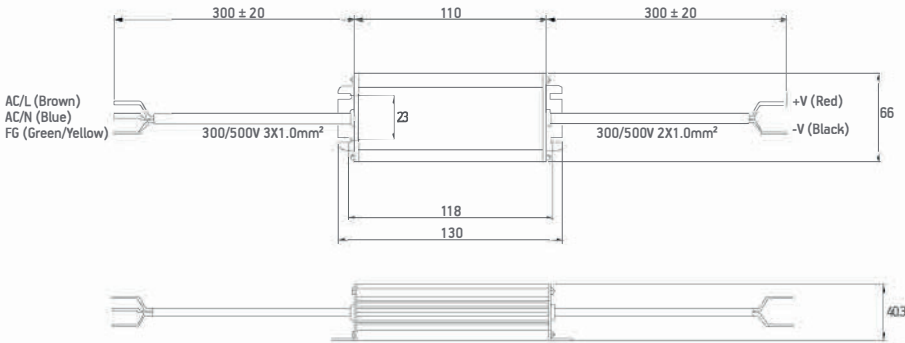
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

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
BP5P-V12-36.1	600	130 x 66 x 40.3

DIMENSIONS





GENERAL SPECIFICATIONS

EFFICIENCY	84 %
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 Over temperature
WARRANTY	5 years, 45 000 h

INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.6 A
MAX INRUSH CURRENT	65 A
POWER FACTOR	0.95

OUTPUT

OUTPUT CURRENT	0 - 5 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	60 W

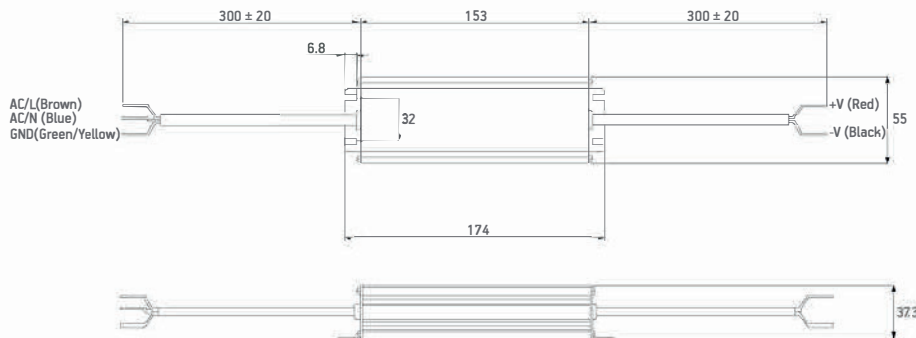
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	53 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	83 units (at 230 VAC)

ORDERING INFORMATION

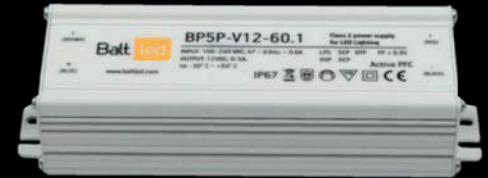
SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP5P-V12-60.1	680.5	174 x 55 x 37.3

DIMENSIONS



BP5P-V12-60.1

60 W CONSTANT VOLTAGE POWER SUPPLY

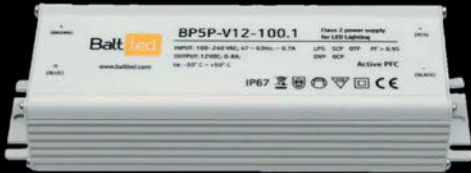


CONFORMITY & STANDARDS

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

BP5P-V12-100.1

100 W CONSTANT VOLTAGE
POWER SUPPLY



GENERAL SPECIFICATIONS

EFFICIENCY	84 %
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	5 years, 45 000 h

INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.7 A
MAX INRUSH CURRENT	65 A
POWER FACTOR	0.95

OUTPUT

OUTPUT CURRENT	0 - 8 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	96 W

CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55015
- EN55022 Class B
- EN 61000-3-2,-3
- EN61000-4-2,3,4,5,6,8,11
- EN50204
- EN55024
- EN61547

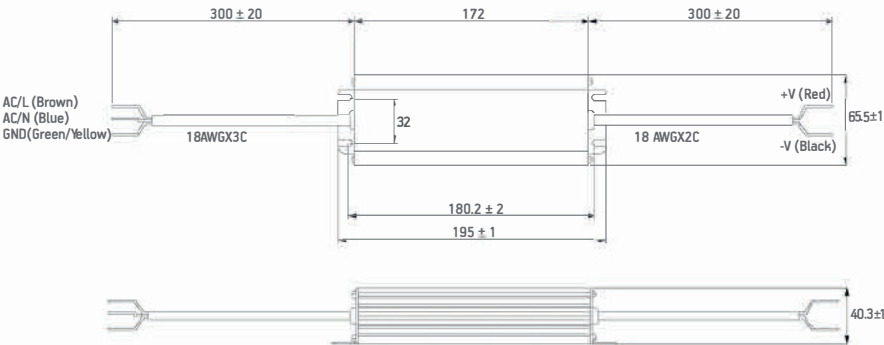
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	33 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	52 units (at 230 VAC)

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP5P-V12-100.1	889.5	195 x 65.5 x 40.3

DIMENSIONS





GENERAL SPECIFICATIONS

EFFICIENCY	87 %
TURN ON DELAY	0.1 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	5 years, 45 000 h

INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	1.1 A
MAX INRUSH CURRENT	65 A
POWER FACTOR	0.95

OUTPUT

OUTPUT CURRENT	0 - 16.7 A
OUTPUT VOLTAGE	12 VDC
MAX OUTPUT POWER	200 W

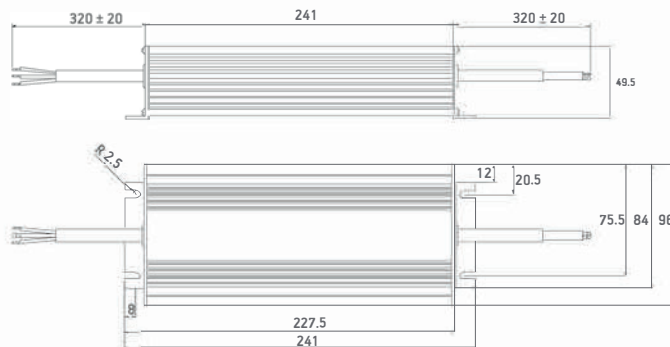
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

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

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP5P-V12-200.1	1800.0	241 x 96 x 49.5

DIMENSIONS



BP5P-V12-200.1

200 W CONSTANT VOLTAGE POWER SUPPLY



CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55015
- EN55022 Class B
- EN 61000-3-2, -3
- EN61000-4-2,3,4,5,6,8,11
- EN50204
- EN55024
- EN61547

BP5P-C700-60.1

60 W CONSTANT CURRENT
POWER SUPPLY



GENERAL SPECIFICATIONS

EFFICIENCY	88 %
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	5 years, 45 000 h

INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.6 A
MAX INRUSH CURRENT	65 A
POWER FACTOR	0.95

OUTPUT

OUTPUT CURRENT	0.7 A ± 5 %
OUTPUT VOLTAGE	40 - 80 VDC
MAX OUTPUT POWER	56 W

CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55015
- EN55022 Class B
- EN 61000-3-2,-3
- EN61000-4-2,3,4,5,6,8,11
- EN50204
- EN55024
- EN61547

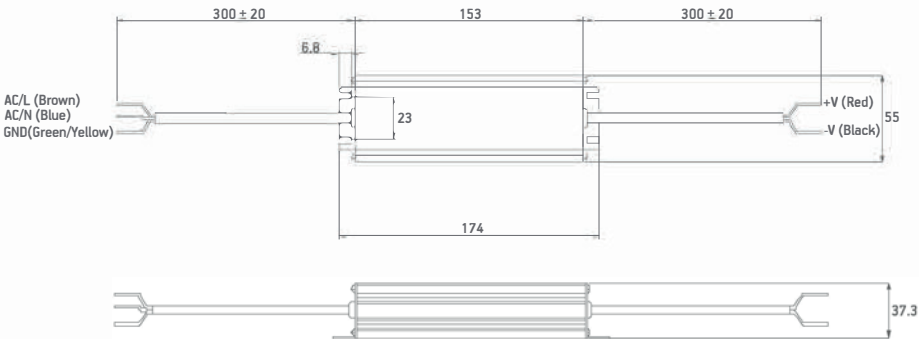
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	59 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	92 units (at 230 VAC)

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP5P-C700-60.1	715.5	174 x 55 x 37.3

DIMENSIONS





GENERAL SPECIFICATIONS

EFFICIENCY	90 %
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	5 years, 45 000 h

INPUT

INPUT VOLTAGE RANGE	100 - 240 VAC, (47 - 63 Hz)
MAX INPUT AC CURRENT	0.7 A
MAX INRUSH CURRENT	65 A
POWER FACTOR	0.95

OUTPUT

OUTPUT CURRENT	0.7 A \pm 5 %
OUTPUT VOLTAGE	85 - 142 VDC
MAX OUTPUT POWER	99.4 W

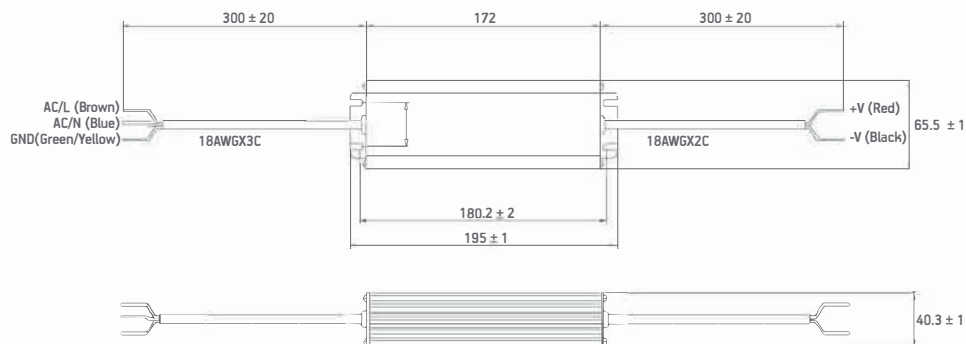
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	34 units (at 230 VAC)
CIRCUIT BREAKER OF TYPE C 25 A	53 units (at 230 VAC)

ORDERING INFORMATION

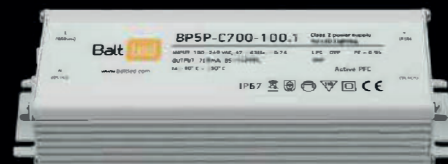
SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS, MM
BP5P-C700-100.1	900.0	195 x 65.5 x 40.3

DIMENSIONS



BP5P-C700-100.1

100 W CONSTANT CURRENT POWER SUPPLY



CONFORMITY & STANDARDS

- EN60950-1
- EN61347-2-13
- EN55015
- EN55022 Class B
- EN 61000-3-2,-3
- EN61000-4-2,3,4,5,6,8,11
- EN50204
- EN55024
- EN61547




OTHER POWER SUPPLIES













2 YEAR WARRANTY

POWER SUPPLIES	SKU	DIMENSIONS (LxWxH)	OUTPUT VOLTAGE	OUTPUT CURRENT	POWER, W	QUANTITY PER BOX
18 W 12 V POWER SUPPLY IP 67						
	LPH-18-12	140 x 30 x 22 mm	12 V	0 ~ 1.5 A	18	70 pcs

3 YEAR WARRANTY







POWER SUPPLIES	SKU	DIMENSIONS (LxWxH)	OUTPUT VOLTAGE	OUTPUT CURRENT	POWER, W	QUANTITY PER BOX
36 W 12 V POWER SUPPLY IP 67						
	LPV-35-12	148 x 40 x 30 mm	12 V	0 ~ 3 A	36	40 pcs
60W 12 V POWER SUPPLY IP 67						
	LPV-60-12	162.5 x 42.5 x 32 mm	12 V	0 ~ 5 A	60	32 pcs
102 W 12 V POWER SUPPLY IP 67						
	LPV-100-12	190 x 52 x 37 mm	12 V	0 ~ 8.5 A	100.2	20 pcs

5 YEAR WARRANTY

POWER SUPPLIES	SKU	DIMENSIONS (LxWxH)	OUTPUT VOLTAGE	OUTPUT CURRENT	POWER, W	QUANTITY PER BOX
60 W 12 V POWER SUPPLY IP 67						
	ELG-75-12	180 x 63 x 35.5 mm	12 V	2.5 ~ 5 A	60	16 pcs
120 W 12 V POWER SUPPLY IP 67						
	ELG-150-12	219 x 63 x 35.5 mm	12 V	5 ~ 10 A	120	16 pcs
192 W 12 V POWER SUPPLY IP 67						
	ELG-200-12	244 x 71 x 37.5 mm	12 V	8 ~ 16 A	192	12 pcs
74.9 W 700 MA POWER SUPPLY IP 67						
	ELG-75-C700	180 x 63 x 35.5 mm	700 mA	350 ~ 700 mA	74.9	16 pcs
100.1 W 700 MA POWER SUPPLY IP 67						
	ELG-100-C700	199 x 63 x 35.5 mm	700 mA	350 ~ 700 mA	100.1	16 pcs









7 YEAR WARRANTY

POWER SUPPLIES	SKU	DIMENSIONS (LxWxH)	OUTPUT VOLTAGE	OUTPUT CURRENT	DIMMING FUNCTION	POWER, W	QUANTITY PER BOX
39.96 W 12 V POWER SUPPLY IP 67							
	HLG-40H-12	171 x 61.5 x 36.8 mm	12 V	2 ~ 3,33 A	NO	39.96	20 pcs
39.96 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION							
	HLG-40H-12B	171 x 61.5 x 36.8 mm	12 V	2 ~ 3,33 A	YES	39.96	20 pcs
60 W 12 V POWER SUPPLY IP 67							
	HLG-80H-12	195.6 x 61.5 x 38.8 mm	12 V	3 ~ 5 A	NO	60	16 pcs
60 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION							
	HLG-80H-12B	195.6 x 61.5 x 38.8 mm	12 V	3 ~ 5 A	YES	60	16 pcs
120 W 12 V POWER SUPPLY IP 67							
	HLG-120H-12	220 x 68 x 38.8 mm	12 V	5 ~ 10 A	NO	120	12 pcs
120 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION							
	HLG-120H-12B	220 x 68 x 38.8 mm	12 V	5 ~ 10 A	YES	120	12 pcs
150 W 12 W POWER SUPPLY IP 67							
	HLG-150H-12	228 x 68 x 38.8 mm	12 V	7.5 ~ 12.5 A	NO	150	12 pcs
150 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION							
	HLG-150H-12B	228 x 68 x 38.8 mm	12 V	7.5 ~ 12.5 A	YES	150	12 pcs
156 W 12 V POWER SUPPLY IP 67							
	HLG-185H-12	228 x 68 x 38.8 mm	12 V	6.5 ~ 13.5 A	NO	156	12 pcs



7 YEAR WARRANTY

POWER SUPPLIES	SKU	DIMENSIONS (LxWxH)	OUTPUT VOLTAGE	OUTPUT CURRENT	DIMMING FUNCTION	POWER, W	QUANTITY PER BOX
156 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION 	HLG-185H-12B	228 x 68 x 38.8 mm	12 V	6.5 ~ 135 A	YES	156	12 pcs
192 W 12 V POWER SUPPLY IP 67 	HLG-240H-12	244.2 x 68 x 38.8 mm	12 V	8 ~ 16 A	NO	192	12 pcs
192 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION 	HLG-240H-12B	244.2 x 68 x 38.8 mm	12 V	8 ~ 16 A	YES	192	12 pcs
264 W 12 V POWER SUPPLY IP 67 	HLG-320H-12	252 x 90 x 43.8 mm	12 V	11 ~ 22 A	NO	264	8 pcs
264 W 12 V POWER SUPPLY IP 67 + DIMMING FUNCTION 	HLG-320H-12B	252 x 90 x 43.8 mm	12 V	11 ~ 22 A	YES	264	8 pcs
480 W 12 V POWER SUPPLY IP 65 + DIMMING FUNCTION 	HLG-600H-12A	280 x 144 x 48.5 mm	12 V	20 ~ 40 A	NO	480	4 pcs



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