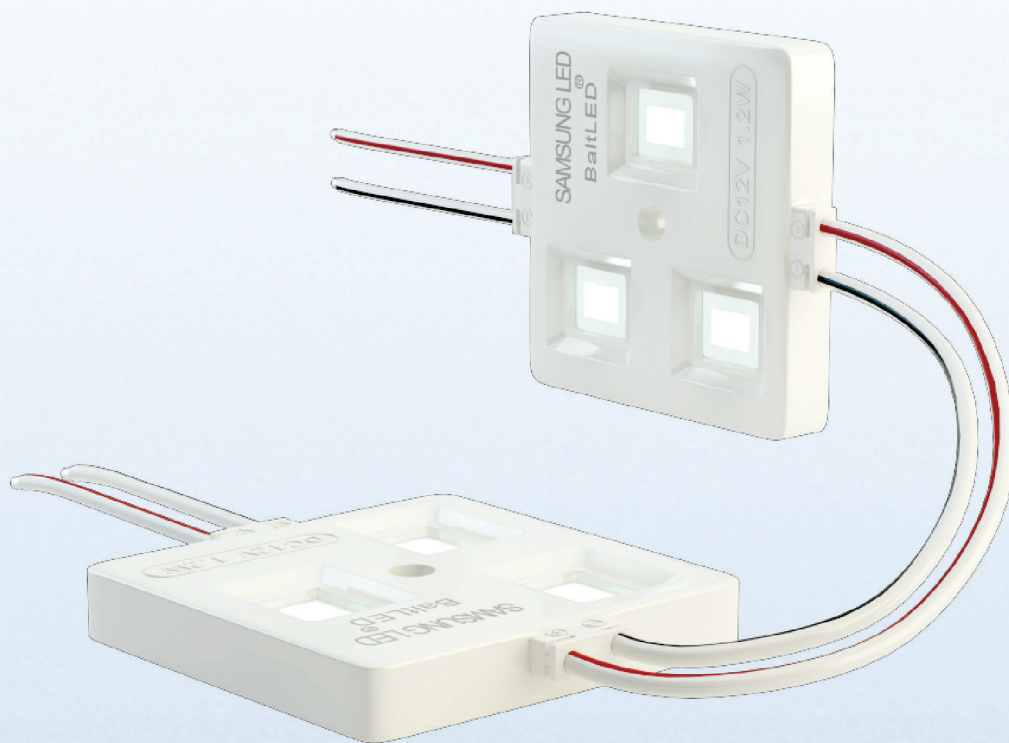


Balt led

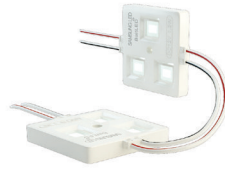
*Step ahead*

Best for 150-250 mm depth light  
boxes and channel letters

5 years warranty



Snow PRO S45



**Created for:**

- Big depth single light boxes and channel letters
- Faster installation-one hole mounting
- Easier project calculation

**Special Features:**

- Polycarbonate cover for LED protection
- Powered by Samsung LED
- Constant current controllers inside
- Aluminum PCB

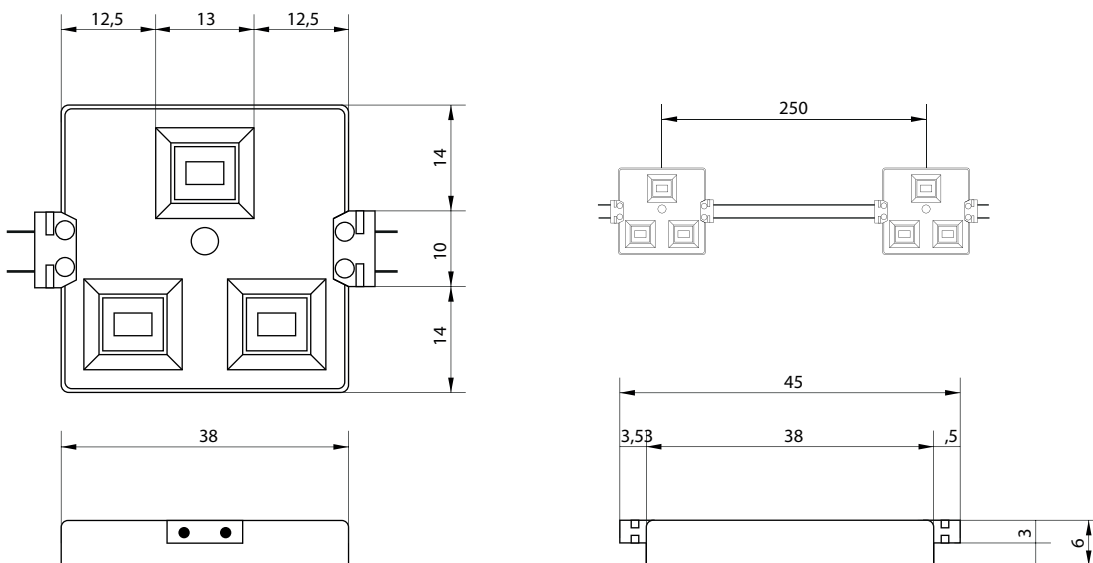
**Applications:**

- Big channel letters
- Big light boxes
- Depth over 150 mm

**Other features:**

- Long operating life 45000 h@L70
- High Efficiency over 100 lm/W
- High CRI - 85
- IP 66

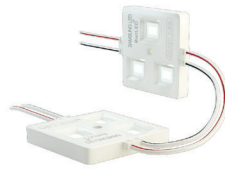
**Module dimensions (mm)**



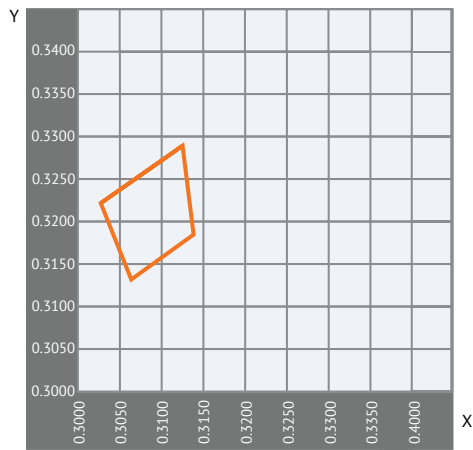
**Technical specifications table**

Part#	Input	Typical luminous flux	Power	Color temperature
BMP-S45-03G160CW	12 V DC	120 lm	1,2 W	6500 - 7000 K

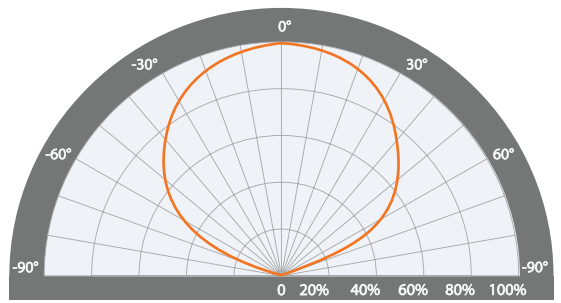
! Operating temperature: from -35°C to +50°C Storage temperature: from -40°C to +90°C



Color temperature CIE graph



Led module light distribution graph



Latitudinal (vertical angle) Polar Radiaton Pattern

CIE graf coordinates

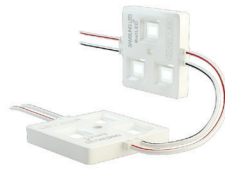
CIE x	CIE y
0,3068	0,3113
0,3144	0,3186
0,3130	0,3290
0,3048	0,3207

Led module light distribution table

Relative intensity	Angle
20%	148°
50%	120°
80%	76°

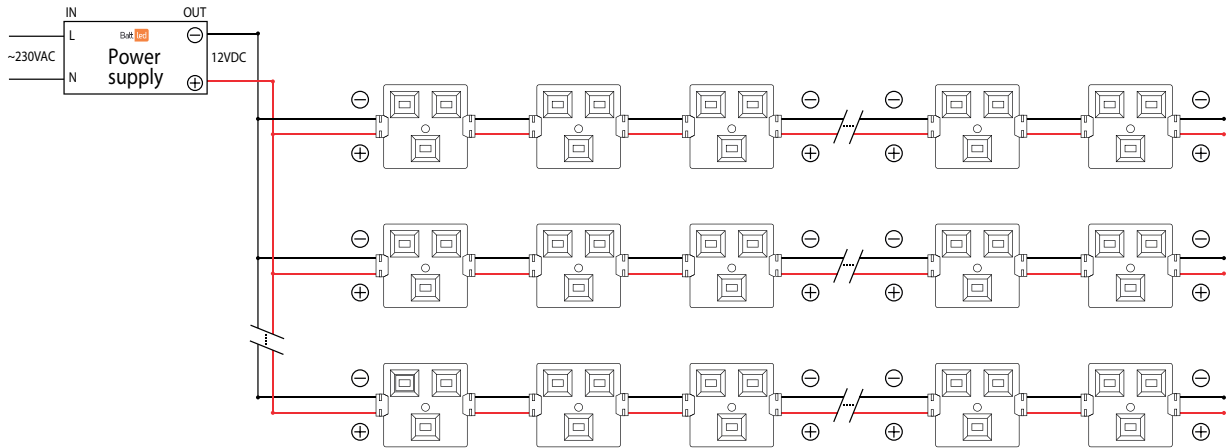
Other family products for various depths

Depth (mm)	40	60	80	100	120	140	160	180	200	250
Products										
Snow MINI S12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Snow PRO S44						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Snow PRO S45						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**Attention!**

Max. number of modules in one chain when the power supplied from the single end 30 pcs



NOTE: Refer to connect scheme for installation guide. Incorrect connection may cause short circuit and product failure.  
 WARNING: Make sure power supply is unplugged during LED wires connection.

**!** Please refer to the installation guide for more information

Modules per power supply and wire size between power supply and module

Power supply	White		2 m		5 m		10 m	
	Min.	Max.	mm <sup>2</sup>	AWG	mm <sup>2</sup>	AWG	mm <sup>2</sup>	AWG
BP-V12-180	1	15	0,18	24	0,45	20	0,9	17
BP-V12-360	1	30	0,36	21	0,9	17	1,8	14
BP-V12-600	1	50	0,6	19	1,5	15	3	12
BP-V12-1000	1	83	1	17	2,5	13	5	10

**!** Power loss less than 5 %

**!** Recommendations for full loaded power supply

Package Weight

Item	Quantity	Neto	Bruto
Chain	30 pcs	0,54 kg	0,54 kg
Bag	90 pcs	1,62 kg	1,67 kg
Box	540 pcs	9,72 kg	10,32 kg