

PART#	Colour	Typical luminous flux, lm	Voltage, V	Power, W	Angle, °	Protection Class	Weight, g	Colour temperature (wavelength)	LED Size
BMP-S44-O3G120W		120	12	1.2	120	IP66	18	6500-7000 K	5630
BMP-S44-O3G120WW		120	12	1.2	120	IP66	18	3700-4000 K	5630

Note: products are available only on special order. Please contact Customer service for more information.

- Storage temperature: from -40°C to +100°C
- Operating temperature: from -40°C to +60°C

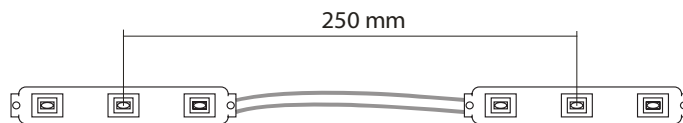
Features:

- Powered by SAMSUNG LED
- PC cover
- Long operating time 45000h at ≥70% brightness
- High Lm/W efficiency, 100 Lm/W
- Constant Current driving system inside module
- Energy Efficient
- Easy installation

Typical applications:

- Channel letter illumination
- Light box illumination
- Optimal depths over 200 mm

STANDARD CABLE LENGTH BETWEEN MODULES



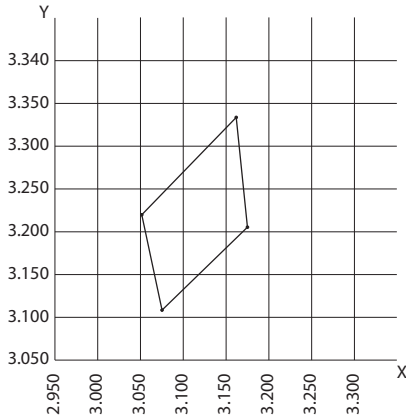
ILLUMINANCE AND DISTANCE TABLE CHART

Depth, mm	120	150	170	200	250	300
Distance, mm (Center)	120x140	150x170	170x190	200x220	250	250
Quantity for 1m ²	59	39	31	23	16	16
Illuminance, LUX	5050	2525	2050	1550	900	720

Results are based on tests with 3 mm White Plexiglass XT surface



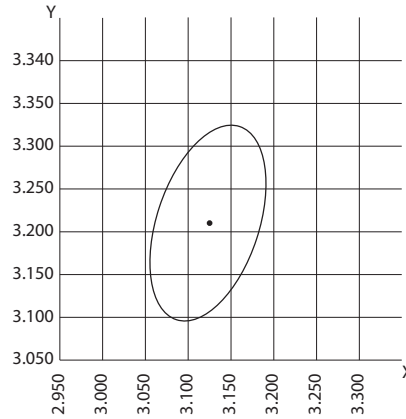
COLOUR TEMPERATURE



CIE GRAPH COORDINATES

x	y
3.075	3.107
3.051	3.223
3.160	3.332
3.174	3.204

MacAdam ELLIPSE 5 GRAPH



CENTER COORDINATES

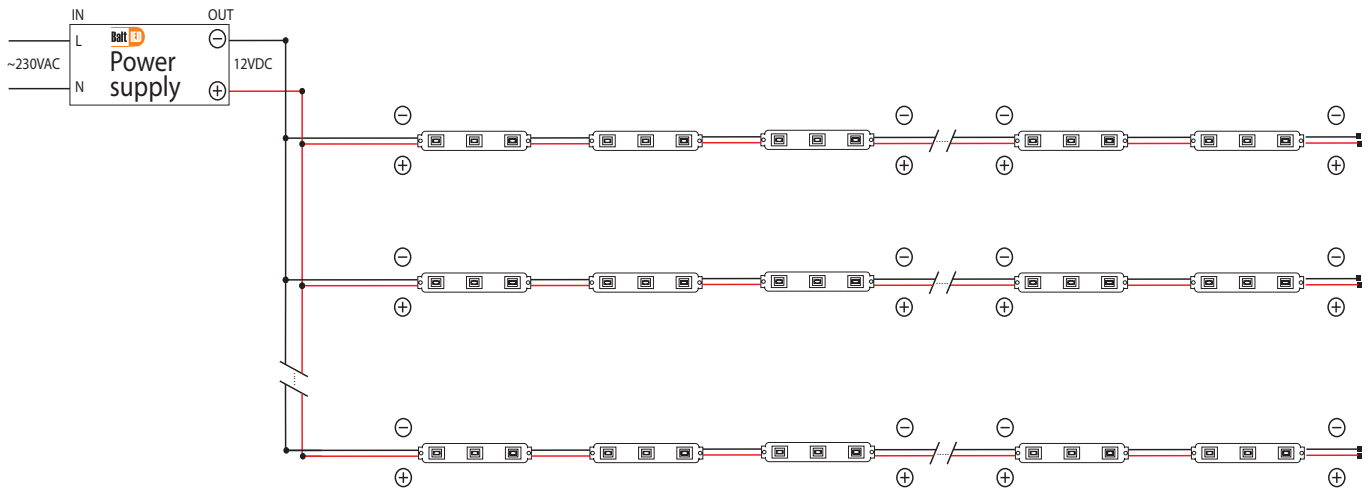
x	y
3.125	3.210

BALTLED IS OFFICIAL PARTNER WITH MEAN WELL FOR POWER SUPPLIES



Power supply	White LED modules		Warm White LED modules	
	Min.	Max.	Min.	Max.
BP-V12-180	1	15	1	15
BP-V12-360	1	30	1	30
BP-V12-600	1	50	1	50
BP-V12-1000	1	83	1	83

MAX NUMBER OF LEDS IN ONE CHAIN = 30 PCS



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