

DATASHEET BW50 - BW100 PIXELBAR



SMART PIXLBUS

Auto Setup	Enumerate, address and map all connected fixtures in an automated way
PixlBus	Get detailed status reports from fixtures Global synchronization Detect failures Update fixture firmware

ELECTRICAL

Led	RGBW, W (white: 6500K), 8bit grayscale/ color
Photometric	With clear cover: 311lm With stealth grey cover (=standard): 26lm Other photometric data available on request
Control Protocol	Lucenti PixlBus (proprietary communication bus)
Pixel Count	BW50: 25 pixels BW100: 50 pixels
Voltage / Power	BW50: 24V, 7W BW100: 24V, 14W

FUNCTIONAL

Broken leds in bar don't cause failure of other attached devices

CONNECTORS

Pixel Input / Output	Proprietary Pixlbus connector, in- and output for daisy chain of devices, small M12 connector (24V + data)
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MECHANICAL

Housing	Aluminum, black powder coating Hook to mount safety cable
Dimensions (L x W x H)	BW 50: 1000 x 20 x 39 mm BW 100: 500 x 20 x 39 mm
Weight	BW 50: 550g BW 100: 1000 g
Construction	Outdoor, IP66
Operating Temperature	-20 to +40 Degrees Celsius
Mounting	Accessories can be mounted add the back to install the device Multiple bars can be interconnected by using coupler accessories (L, T, X, ... shape) See list of accessories for more details

COVER

Replaceable Covers	Replaceable covers with quick cover replacement mechanism
Cover Types	Different covers available: round & square frosted covers, Clear & frosted & Stealth black flat covers
Standard Cover	Standard delivered with bars: Stealth black (dark grey) cover

MAX CABLING CONSIDERATIONS

	30M in between controller and first bar and NO cable in between bars
	NO cable in between controller and first bar and 10M in between 8 BW-100 bars
	NO cable in between controller and first bar and 5M in between 16 BW-50 bars
The cable lengths might be increased when using less bars or not using full output (RGBW@Full) on all bars!	

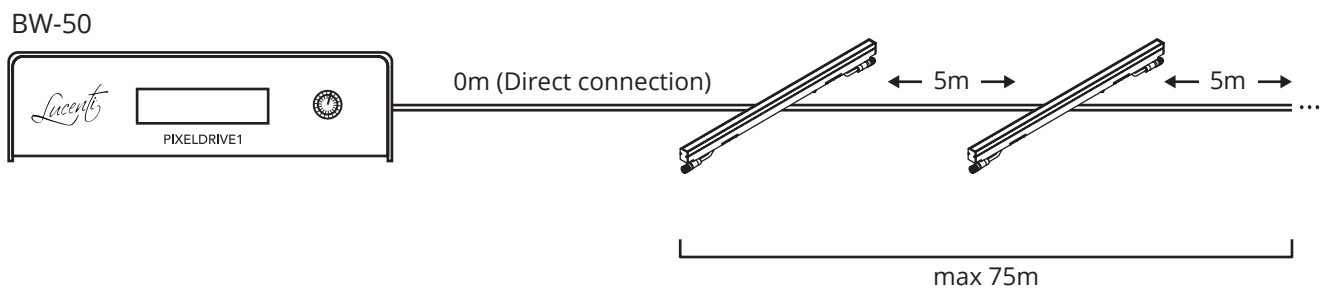
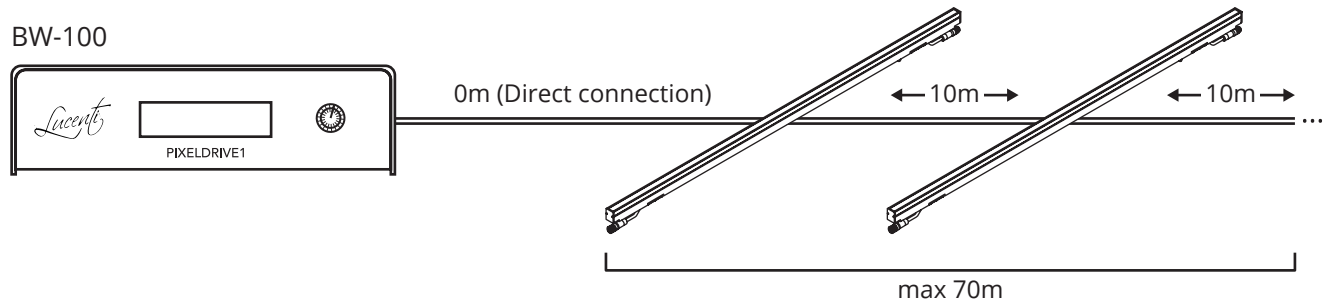
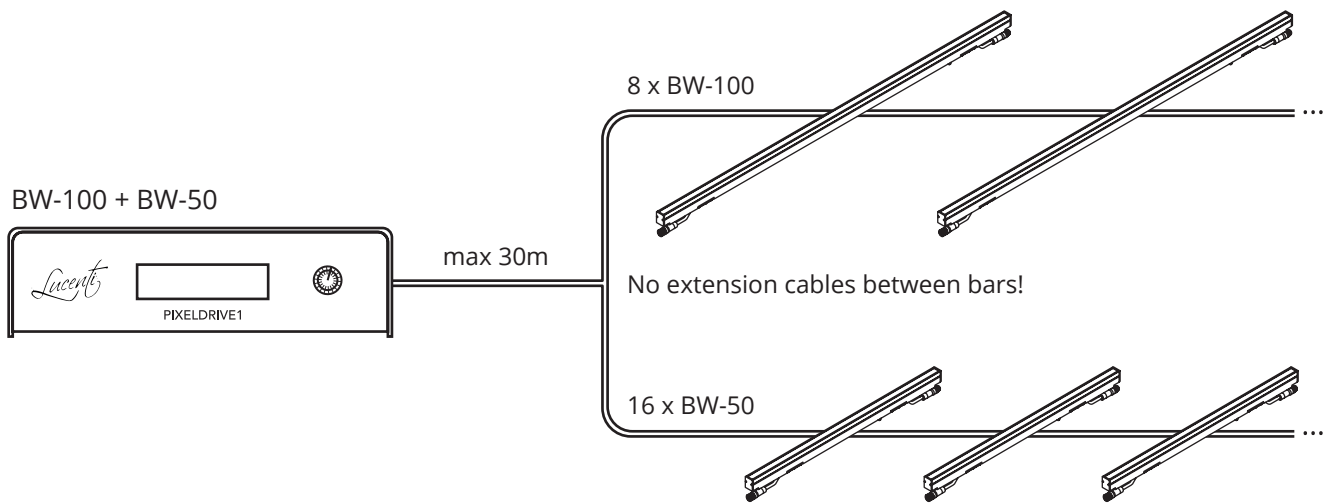
MODELS

PN	LU-BW50 (50cm model) LU-BW100 (1m model)
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ACCESSORIES

	Mounting accessories and different covers available Extension cables at different standard lengths See product list for all accessories
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All RGBW pixels full on @ 100%



BW PIXEL BAR DIMENSIONS

