

# GENERAL SYSTEM SPECIFICATIONS

## LUCENTI BLACKWAVE COLLECTION

### GENERAL

<b>Description</b>	Pixel lighting system consisting of a controller and led bars connected by our proprietary Lucenti "PixlBus" system.
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### USP

RGBW pixelbar with dedicated DMX controller  
automatic recognition/addressing of connected devices,  
bidirectional communication of status from devices  
Pluggable, scalable architecture, can bus control, more pixels than conventional due to high bus speed  
Long cable lengths

### LUCENTI PIXLBUS

<b>Features</b>	<ul style="list-style-type: none"><li>- The main function of the bus is to send pixel data to lamps or devices (frame based).</li><li>- The bus allows control data and feedback data from devices.</li><li>- The bus topology allows positional addressing of devices</li><li>- This bus is used to communicate between controllers and lighting devices</li></ul>
	High speed: double speed of standard spi pixel data bus
	Auto address and discovery function Redundant pass through data system
<b>Cabling</b>	4 pin with M12 push lock, IP67 connector
<b>Pinout</b>	4 pin: GDN, +24V, data A, data B

### CURRENT PRODUCTS

Pixel Bar 100 cm, Pixel bar 50 cm

1 Channel controller : PixlDrive1

Accessories