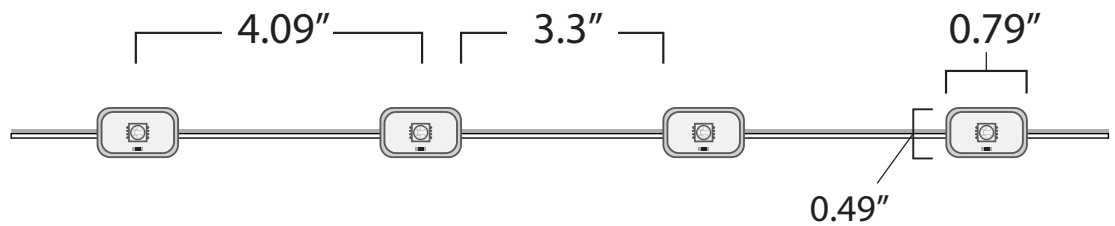


## SPECIFICATIONS

## Dwarf Star 1 Chip LED Backlight Module



<b>PRODUCT NAME</b>	Dwarf Star 1 Chip LED Backlight Module
<b>SKU</b>	White: <a href="#">MD-BW-ES1-W</a> , Warm White: <a href="#">MD-BW-ES1-WW</a>
<b>DESCRIPTION</b>	This LED backlight module is the smallest module available on the market. A single 5050 SMD LED chip is housed in a plastic ABS shell with a clear epoxy coating to provide limited water-resistance against moisture. 20AWG DC stranded wire is used between each module in a series. Each module requires 0.24W 12VDC constant voltage power. The spacing of each module is 4.09" from the center of a module to center of the next module. A max serial connection of 50 modules is possible with this product. 3M™ mounting tape is on the back of these modules to allow for a near-permanent and secure mounting solution for your LED project. These modules carry both CE and RoHS approval. Water-resistant only, not submersible and Non-UV proof.
<b>DIMENSIONS</b>	0.8" L X 0.5" W X 0.16" H (20 X 12 X 4mm)
<b>SUPPLY VOLTAGE</b>	12VDC Constant Voltage @ 20mA
<b>LED ATTRIBUTES</b>	one ABS coated 5050 SMD LED per module
<b>MODULE SPACING</b>	4.09" center to center (104mm center to center)
<b>OUTPUT POWER</b>	0.24W per module
<b>RATING</b>	IP65 Water-Resistant
<b>CERTIFICATIONS</b>	CE, RoHS
<b>WARRANTY</b>	1 year manufacturers

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