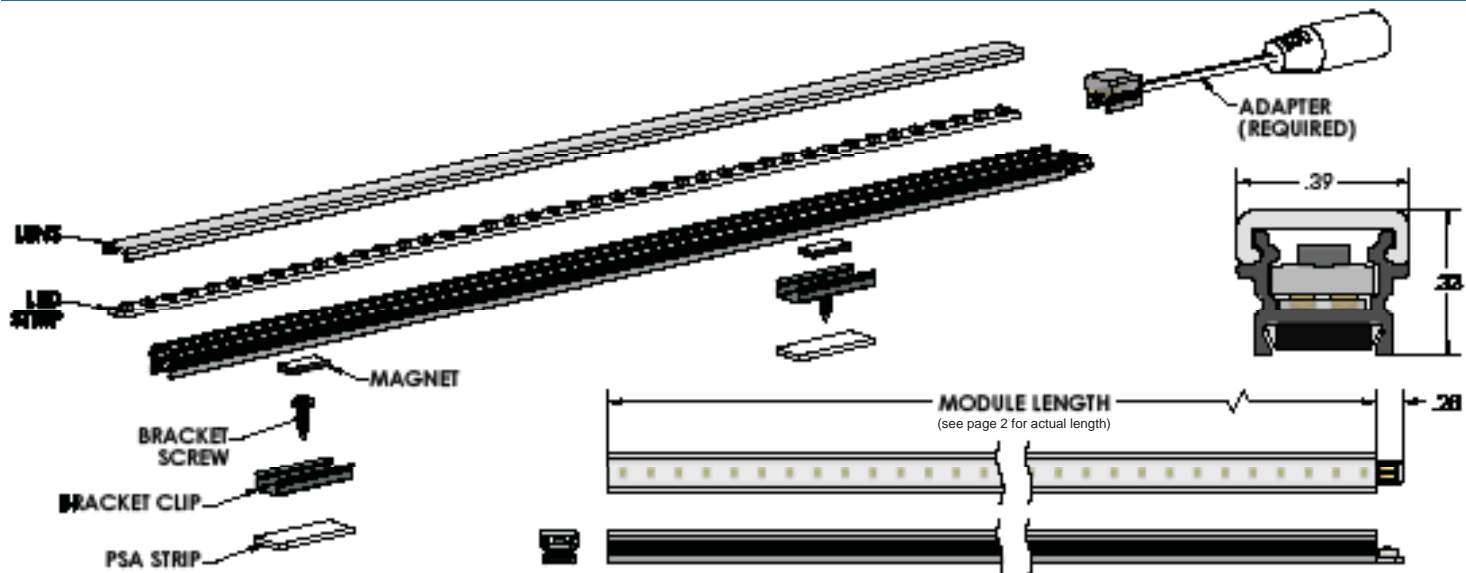


# MicroConnect LED STRIP



## FEATURES

- Low profile - Less than 3/8" Height
- Continuous illumination between strips
- Standard lengths - 6", 10", 22", 34" & 46"
- Aluminum extruded body for heat sink
- Protective plastic lens - Clear or White
- Easy installation
- Hardware Kit Includes Bracket, Magnets, & PSA
- Modular End-to-End connections
- Multiple Brightness Levels: 21, 42, or 27 (High Output)
- UL & NSF approved

## SPECIFICATIONS

LED Chip Size	3020		
LEDs / Ft	21	42	27
LED Current (mA)	20	20	60
Wattage / Ft (W)	1.7	3.4	7.2
Lumens / Ft (lm)	126	252	540
Diode Efficacy (lm/W)	80	80	80
Max Run (Ft) (Variable by length)	20'	10'	5'
PCB & Circuit Material	.06" FR4, Copper Circuit		
Color Temps (K)	3500K, 4100K, 5600K, & 6400K		
Operating Temp	-30°C to 85°C		
Lamp Life (L70@45°C)	60,000 hrs		

Beam Angle	120°
LED Module Voltage	12 VDC
Module Outside Dims (W x H)	.39" x .33"
Cover Material	Polycarbonate
Mounting Method	Bracket Clip, PSA, & Magnetic
Wiring Specs	20 ga AWM2468x2C
Connector Specs	Friction Quick Disconnect
Environment	Indoor, Dry
Certifications	UL, NSF
Warranty	3 Year

## MicroConnect LED STRIP ORDERING INFO

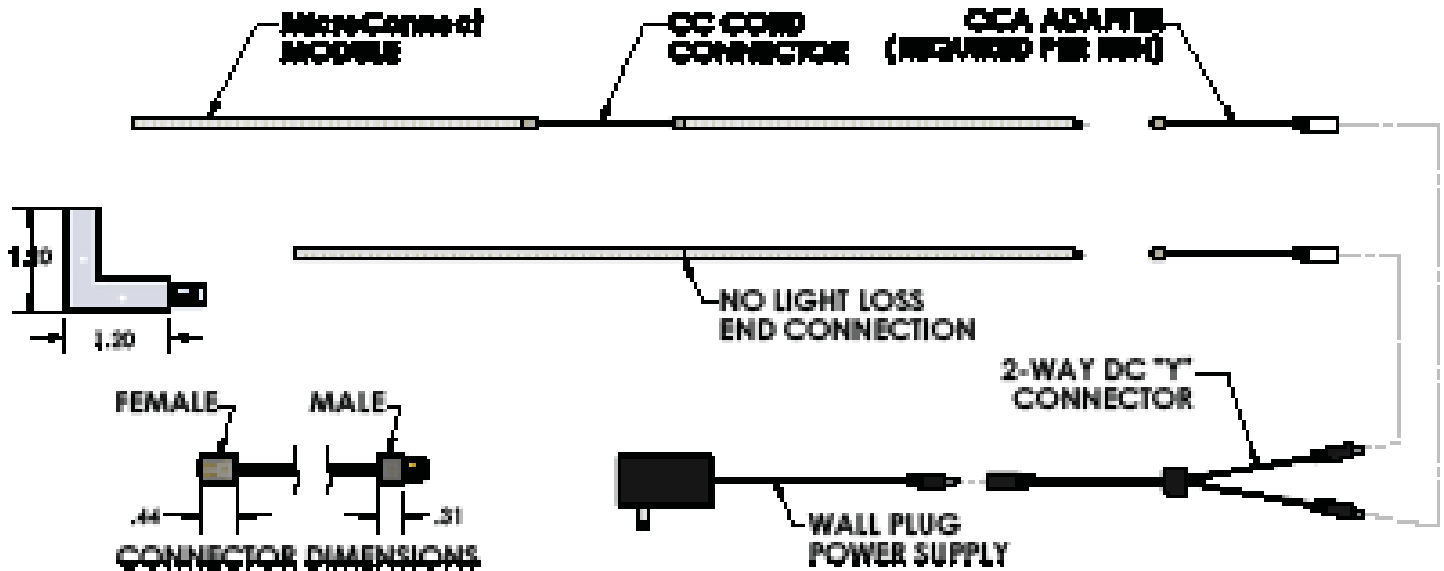
<b>MCC</b>	<b>A</b>	<b>- 1000</b>	<b>- 04</b>	<b>W</b>	<b>5</b>	<b>- 000</b>
Model	Lens Type	Module Designation	LED/FT	Color	Temp (Kelvin)	Variations
MCC= MicroConnect LED Strip	A=Clear B=White	0600 = 6" 1000 = 10" 2200 = 22" 3400 = 34" 4600 = 46"	10 = 21 LED's/FT 04 = 42 LED's/FT 20 = 27 LED's/FT (HO)	W=White B=Blue G=Green R=Red Y=Yellow	2 = 3500 3 = 4100 4 = 6400 5 = 5600	
Example: MCCA-1000-04W5-000						

## MicroConnect CONNECTORS

<b>MCC</b>	<b>- CCA</b>	<b>- 012</b>	<b>- W</b>	<b>- 000</b>
Model	Connector Type	Length	Cord Color	Variations
MCC= Micro Connect	CCA = Power Adaptor Cord CC = Cord Connector	006=6" 012=12" 024=24" 048=48"	W=white	000=Std
Example: MCC-CCA-012-W-000				

# MicroConnect LED STRIP

## SAMPLE APPLICATION LAYOUTS



STANDARD MODULE LENGTHS		
21/FT	42/FT	27/FT
6" = 6.85"	6" = 6.00"	6" = 6.69"
10" = 10.28"	10" = 10.28"	10" = 10.69"
22" = 22.28"	22" = 22.28"	22" = 22.69"
34" = 34.28"	34" = 34.28"	34" = 34.69"
46" = 46.28"	46" = 46.28"	46" = 46.69"

MicroConnect KITS	
MCC	HDW-KIT-001
Model	Kit
MCC = MicroConnect	HDW-KIT-001 = Hardware Mount Kit (Includes 2 bracket clips, 2 screws, & 2 PSA strips) (1) hardware kit included with every LED strip

## RELATED ACCESSORIES

	<b>LED-CC-036-MF</b> DC Connector Cord, 36" Overall Length, Incoming 2.1mm Straight Male, 2464 Round Cord Type, Outgoing 2.1mm Straight Female
	<b>PS-1M00-2F06-000</b> DC Y Connector, 6" Overall Length, (1) Incoming 2.1mm Male, (2) Outgoing 2.1mm Female
	<b>PS-1M05-3F06-000</b> DC Y Connector, 11" Overall Length, (1) Incoming 2.1mm Male, (3) Outgoing 2.1mm Female
	<b>PS-1M05-4F06-000</b> DC Y Connector, 11" Overall Length, (1) Incoming 2.1mm Male, (4) Outgoing 2.1mm Female
	<b>LED-CC-GENBEND</b> DC Male Gender Bender

## POWER SUPPLY ORDERING INFORMATION

PS	L	-	0250	-	M	072	-	F	072	-	000
Model	Body Style		Output Amps		Power-In Connector	Power-In Cord Length		Power-Out Connector	Power-Out Cord Length		Variations
PS= Constant Voltage Power Supply	L=Inline 12V P=Wall Plug 12V		0100=1.00 0250=2.50 0500=5.00 0700=7.00 1000=10.00		M=Male F=Female	072=72"		M=Male F=Female	072=72"		000=none

## POWER SUPPLY SIZING CHART

- Combine Linear Feet of all LED strips.  
(22" + 22" = 44", then 44"/12 = 3.67 Linear Feet of LEDs)
- Multiply Linear Feet x LED/Ft to get # of LEDs.  
(3.67 Ft x 21/Ft = 77 LEDs)
- Multiply # of LEDs x VF to get Total Amps.  
(77 LEDs x .0067 = 0.516 Total Amps)
- Choose appropriate Power Supply Based on Total Amps.  
(I.E. - If Total Amps = 0.539, then choose 1.0 Amp Power Supply)  
(Calculated amps should **not** exceed Power Supply Amps)

VF=Voltage Factor
0.0067 - 3020-20mA chip
0.02 - 3020-60mA chip