

# PRODUCTS: LED THIN GLOW™



# LED THIN GLOW™



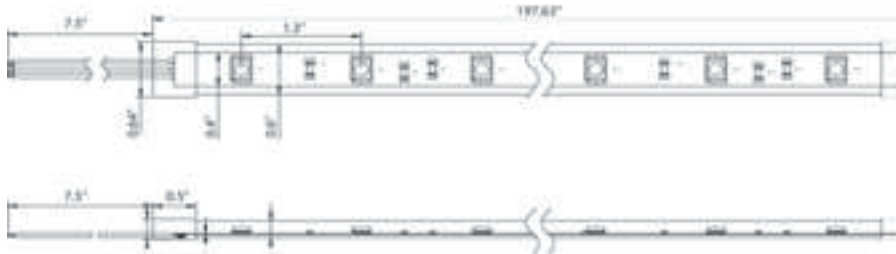
## APPLICATIONS

Decorative lighting (cove lighting, back lighting) for homes, hotels, stores, yachts, bars, automobiles etc; channel letter lighting for your stores, restaurants, bars etc; shop display lighting for your items. because of its pliability, you can flex impact lighting inc's LED Thin Glow™ into different shapes and letters. in addition, with its colorful lighting output, you can more easily attract the attention of your potential customers.

## BASIC TECHNICAL DATA

- Standard length: 5 meters/reel (16.405 feet)
- Thin Glow™ width: single color 8mm (.31 inches), RGB tri-color 10mm (.39 inches)
- Printed circuit board thickness: single color 0.25mm (.009 inches)
- RGB tri-color 0.2mm (.007 inches)
- Working voltage: 12V DC
- Working current: single color 2A, RGB tri-color 3A
- Entire ribbon LED quantity: single color 300 pcs, RGB tri-color 150pcs
- Size of smallest unit 3 LED (L X W ): single color 50mm X 8mm (1.96 in X .31 in)
- RGB tri-color 100mm X 10mm (3.9 in X .39 in)

Color	Part Number	LED Q'ty	Luminous flux ( lm)		Viewing Angle	Voltage (V)	Current (mA)
			Min.	Typ.			
Red	IL-RI-01-R	300	23	28	120	12	170-200
Gold	IL-RI-01-A	300	23	28	120	12	170-200
Blue	IL-RI-01-B	300	15	19	120	12	170-200
Green	IL-RI-01-G	300	39	49	120	12	170-200
White	IL-RI-01-W	300	43	54	120	12	170-200
Purple	IL-RI-01-PU	300	3.0	4.0	120	12	170-200
RGB	IL-RI-01-RGB	150	11	14	100	12	85-100
			19	24			85-100
			8	9			85-100



# LED THIN GLOW™



## ACCESSORIES

### POWER SUPPLIES

ITEM NO.	DESCRIPTION	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE
ILPS-1.25A	1.25 AMP POWER SUPPLY	100V - 240V	12V	15 WATTS
ILPS-3.5A	3.5 AMP POWER SUPPLY	100V - 240V	12V	40 WATTS
ILPS-5A	5 AMP POWER SUPPLY	100V - 240V	12V	60 WATTS
ILPS-8.5A	8.5 AMP POWER SUPPLY	100V - 240V	12V	100 WATTS
ILPS-12.5A	12.5 AMP POWER SUPPLY	100V - 240V	12V	150 WATTS
ILPS-18A	18 AMP POWER SUPPLY	100V - 240V	12V	200 WATTS
ILPS-25A	25 AMP POWER SUPPLY	100V - 240V	12V	300 WATTS
ILPS-42A	40 AMP POWER SUPPLY	100V - 240V	12V	500 WATTS

### JUMPERS / CONNECTORS

ITEM NO.	DESCRIPTION
IL-TG-J6-RGB	6" RGB JUMPER
IL-TG-J6-MONO	6" MONOCHROMATIC JUMPER
IL-TG-CONNECT-RGB	RGB CONNECTORS
IL-TG-CONNECT	MONOCHROMATIC CONNECTORS



RGB JUMPER



MONOCHROMATIC JUMPER



CONNECTOR

### CONTROLLERS

ITEM NO.	DESCRIPTION
IL-AG-CONTROL-BASIC	COLOR CHANGING BASIC CONTROLLER
IL-DMX-DECODE-3	COLOR CHANGING DECODER
IL-AG-CONTROL-DELUX	COLOR CHANGING DELUX CONTROLLER DMX READY
IL-AG-CONTROL-RC	COLOR CHANGING REMOTE CONTROL KIT
IL-DMX-CONTROL-SUN SUNLIGHT	DMX PROGRAMMABLE CONTROLLER*
IL-DMX-CONTROL-SUN-AD	ADVANCED SUNLIGHT DMX PROGRAMMABLE CONTROLLER*

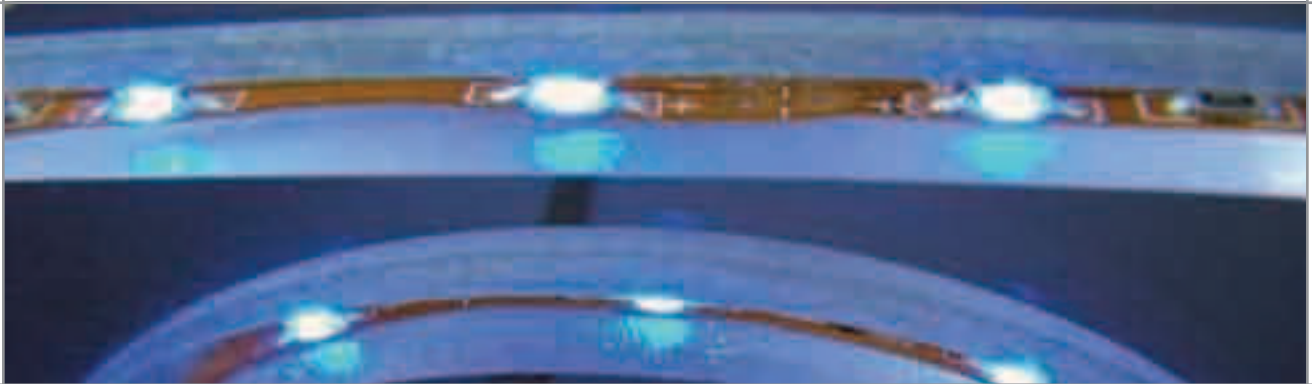
### MOUNTING CLIPS

ITEM NO.	DESCRIPTION
IL-AG-MC-CC-1	SINGLE MOUNTED CLIPS FOR RGB STRIPS
IL-AG-MC-CC-25	25/ BAG MOUNTING CLIPS FOR RGB STRIPS
IL-AG-DT-ROLL	DOUBLE SIDE TAPE ROLL
IL-AG-ST-6	6 FOOT CLEAR SQUARE TUBE
IL-AG-RT-6	6 FOOT CLEAR ROUND TUBE
IL-AG-ST-EC-B	BLACK END CAP FOR SQUARE TUBE
IL-AG-ST-EC-C	CLEAR END CAP FOR SQUARE TUBE
IL-AG-RT-EC-B	BLACK END CAP FOR ROUND TUBE
IL-AG-RT-EC-C	CLEAR END CAP FOR ROUND TUBE



thinGLOW™ CE

# LED THIN GLOW™ - 90°



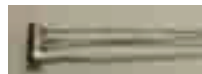
## BENEFITS

Linear separable LED strip on flexible printed circuit board with self-adhesive back Can be divided into units of 3 LEDs or multiples thereof with no loss of function for the parts.

Available colors: red, green, blue, amber, white, etc.

## BASIC TECHNICAL DATA

- Standard length: 5 meters/reel (16.25 ft)
- Ribbon width: 5mm (.19 in)
- Working voltage: 12V DC
- Working current: 170-200mA
- Entire ribbon LED Q'ty: 30pcs/0.5 meters (19.68 in)



MONOCHROMATIC JUMPER



CONNECTOR

Color	Part Number	LED Q'ty	Luminous flux ( lm )		Viewing Angle	Voltage (V)	Current (mA)
			Min.	Typ.	2 1/2		
Red	IL-TG-90-R	300	22	27	120	12	170-200
Yellow	IL-TG-90-A	300	22	27	120	12	170-200
Blue	IL-TG-90-B	300	15	19	120	12	170-200
Green	IL-TG-90-G	300	39	49	120	12	170-200
White	IL-TG-90-W	300	43	53	120	12	170-200
Purple	IL-TG-90-P	300	3	4	120	12	170-200

## ACCESSORIES

### POWER SUPPLIES

ITEM NO.	DESCRIPTION	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE
ILPS-1.25A	1.25 AMP POWER SUPPLY	100V - 240V	12V	15 WATTS
ILPS-3.5A	3.5 AMP POWER SUPPLY	100V - 240V	12V	40 WATTS
ILPS-5A	5 AMP POWER SUPPLY	100V - 240V	12V	60 WATTS
ILPS-8.5A	8.5 AMP POWER SUPPLY	100V - 240V	12V	100 WATTS
ILPS-12.5A	12.5 AMP POWER SUPPLY	100V - 240V	12V	150 WATTS
ILPS-18A	18 AMP POWER SUPPLY	100V - 240V	12V	200 WATTS
ILPS-25A	25 AMP POWER SUPPLY	100V - 240V	12V	300 WATTS
ILPS-42A	40 AMP POWER SUPPLY	100V - 240V	12V	500 WATTS

### CONTROLLERS

ITEM NO.	DESCRIPTION
IL-AG-CONTROL-BASIC	COLOR CHANGING BASIC CONTROLLER
IL-DMX-DECODE-3	COLOR CHANGING DECODER
IL-AG-CONTROL-DELUX	COLOR CHANGING DELUX CONTROLLER DMX READY
IL-AG-CONTROL-RC	COLOR CHANGING REMOTE CONTROL KIT
IL-DMX-CONTROL-SUN SUNLIGHT	DMX PROGRAMMABLE CONTROLLER*
IL-DMX-CONTROL-SUN-AD	ADVANCED SUNLIGHT DMX PROGRAMMABLE CONTROLLER*

### JUMPERS / CONNECTORS

ITEM NO.	DESCRIPTION
IL-TG-J6-MONO	6" MONOCHROMATIC JUMPER
IL-TG-CONNECT	MONOCHROMATIC CONNECTORS

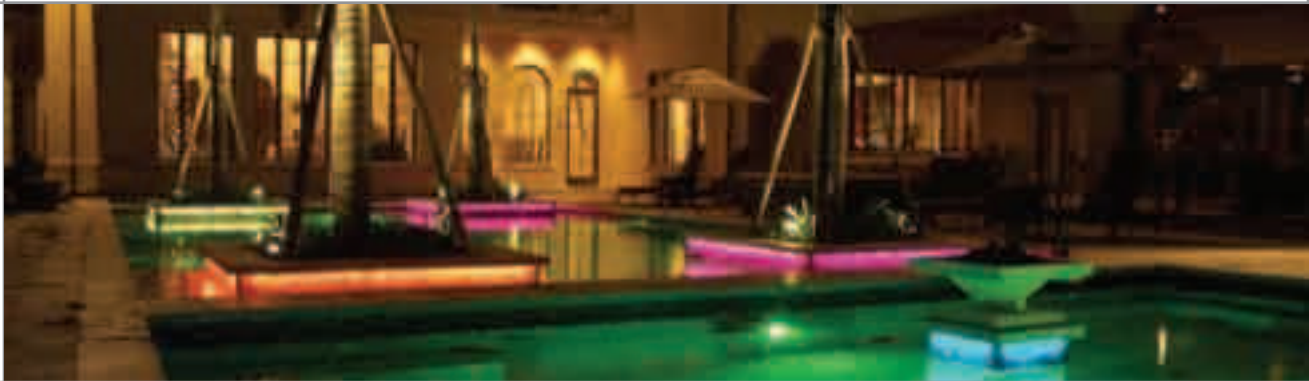
### MOUNTING CLIPS

ITEM NO.	DESCRIPTION
IL-AG-MC-CC-1	SINGLE MOUNTED CLIPS FOR RGB STRIPS
IL-AG-MC-CC-25	25/ BAG MOUNTING CLIPS FOR RGB STRIPS
IL-AG-DT-ROLL	DOUBLE SIDE TAPE ROLL
IL-AG-ST-6	6 FOOT CLEAR SQUARE TUBE
IL-AG-RT-6	6 FOOT CLEAR ROUND TUBE
IL-AG-ST-EC-B	BLACK END CAP FOR SQUARE TUBE
IL-AG-ST-EC-C	CLEAR END CAP FOR SQUARE TUBE
IL-AG-RT-EC-B	BLACK END CAP FOR ROUND TUBE
IL-AG-RT-EC-C	CLEAR END CAP FOR ROUND TUBE





# LED THIN GLOW™ - WATERPROOF



## BENEFITS

- Weather resistant - may be installed underwater
- Wide angle SMD LED used, making the light output smooth and even
- Available colors: red, green, blue, yellow, white and color changing RGB
- Maintenance free, easy installation
- Low power consumption, high intensity

## APPLICATIONS

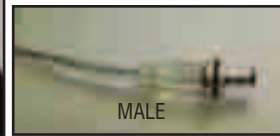
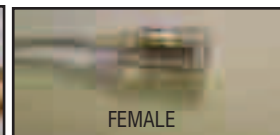
- Pools and spas - underwater applications
- Outdoor and indoor step lighting
- Construction decorative lighting
- Archway, canopy and bridge edge lighting
- Amusement park, theater and aircraft cabin mood lighting
- Emergency hallway lighting

## BASIC TECHNICAL DATA

Standard length: 19.68 in (5 meters)/24 LEDs per foot  
 Size(LXWXH): 19.6inX.39inX.008 in (9 500X10X2.4mm)

## JUMPERS / CONNECTORS

ITEM NO.	DESCRIPTION
IL-TG-J6-RGB	6" RGB JUMPER
IL-TG-J6-MONO	6" MONOCHROMATIC JUMPER
IL-TG-WP-CONNECT-F	FEMALE CONNECTOR
IL-TG-WP-CONNECT-M	MALE CONNECTOR



Color	Part Number	LED Q'ty	Luminous flux ( lm)		Viewing Angle	Voltage (V)	Current (mA)
			Min.	Typ.			
Red	IL-TG-R-WP	24	35	40	120	12	130-160
Gold	IL-TG-A-WP	24	35	40	120	12	130-160
Blue	IL-TG-B-WP	24	20	24	120	12	130-160
Green	IL-TG-G-WP	24	38	48	120	12	130-160
White	IL-TG-W-WP	24	44	55	120	12	130-160
RGB	IL-TG-RGB-WP	15	11	14	100	12	85-100
			19	24			85-100
			8	9			85-100

