G2G LIGHTING

Creating a Greener World

LED SIGN AND LIGHTING SOLUTIONS

Catalog October 2017

c UL us E144189

Patented Led Holder

G2G LED MODULES
CHANNEL LETTER

SOLUTION-BASED PRODUCTS FOR
EVERY SIGNAGE APPLICATION

The chart below breaks down G2G's channel letter product line by can depth and temperature.

Model	DESIRED CAN DEPTH						
	2inch	3inch	4inch	5inch	6inch	7inch	8inch
Aurora I Gen IV							
Aurora III Gen I							
Aurora SV II							
Aurora MINI W/R							
AnPro 160							
AnPro 180							
Trident SF Stick 160							
Trident SF Stick 180							
WOW Series							
Micro							
Trico							

*Product and depth may vary depending on face material and desired brightness.

Optimal Acceptable

AURORA Series

Channel Letter Solutions

G2G AURORA I/III

Unique Industrial Design

High IP Rating

c UL us
E344189

Patented and Pending

The new generation G2G Aurora LED modules are innovatively designed as an optimal solution for outdoor and indoor lighting. Ideal for channel letters, illuminating light boxes and for decorative architectural lighting.

- LEDs: L70 rating of 50,000 hours
- System:
  Constant current design for Aurora I & III
  Constant voltage design for Aurora SV, MINI, Red
  cUL Recognized
- Protection:
  IP 68 wet-location for AURORA I / III /R
  IP 67 wet-location for AURORA MINI

- Mechanical Structure:
  3M VHB double face tape and mechanical mounting options
  Epoxy filled for wet-location applications.
- Optical Structure:
  Designed for Maximum Brightness Output UV or IR Protected
- Warranty: 5 Years

SPECIFICATIONS

Model	Voltage	Current	Power	Mods Per Ft	Constant Current	CT	Lm/Ft	Qty 60W Power Supply	Viewing Angle
Aurora I Gen IV	12VDC	58mA	0.70W	3	Y	7500K	195	84Mods/28Ft	120°
Aurora III Gen I	12VDC	80mA	0.96W	3	Y	7500K	300	60Mods/20Ft	120°
Aurora MINI W	12VDC	50mA	0.60W	4	N	7500K	170	100Mods/25Ft	120°
Aurora MINI R	12VDC	42mA	0.50W	4	N	Red	35	120Mods/30Ft	120°
Aurora SV II	12VDC	53mA	0.63W	3	N	7500K	190	93Mods/31Ft	120°

AnPro Series & Mirco

Channel Letter Solutions

G2G AnPro

160°/180°Optical lenses

12VDC | Long Lifetime | Mechanical | 3M Tape | UV Resistant

- Designed for Maximum Brightness Output
- Optical lenses create a wide 160°/180° viewing angle
- 3M VHB double face tape and mechanical mounting options
- UV or IR Protected
- UL and cUL Recognized
- Warranty: 5 Year

G2G AnPro160

G2G AnPro180

c UL us E344189 IP67 V160 & V180

Model	Voltage	Current	Power	Mods Per Ft	CT	Lm/Ft	Qty 60W Power Supply	Viewing Angle
ANPRO 160	12VDC	100mA	1.2W/module	2	7500K/6300K	270	50Mods/25Ft	160°
ANPRO 180	12VDC	100mA	1.2W/module	1.5	7500K/6300K	180	50Mods/33Ft	180°

G2G Micro

NEW Module

New Generation Of Mini Module

c UL us E344189 IP67

12VDC | Long Lifetime | 3M Tape | UV Resistant

G2G White Micro LED mini modules feature a new compact design, the perfect solution for small channel letters and tight spaces. With the low lumen loss technology, the G2G Micro helps you create brighter more evenly illuminated signs.

SPECIFICATIONS

Model	Voltage	Power	Mods Per Ft	LEDs (Per Module)	CT	Viewing Angle
MICRO	12VDC	0.42W/Module	6	2	7500K	120°

Dimensions (L x W x H)	Qty 60W Power Supply	Protection	Fastening	Packaging	Warranty
0.78in x 0.27in x 0.22in	140 Modules	IP67	3M double face tape	60 modules/bag 5 bags/case	5 Years

WOW Series

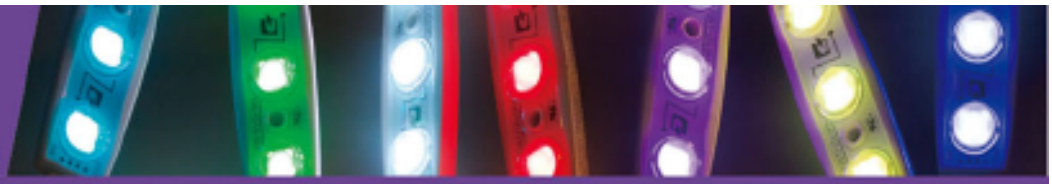
Channel Letter Solutions

With uniquely engineered optical lenses, G2G's WOW Series creates a revolutionary 160° wide viewing angle, a leading design in illuminating channel letters with the brightest and most even lighting technology available today, ***AND NOW WITH 7 COLOR CHOICES***, prepare to say WOW!

- Designed for Maximum Brightness Output
- Optical lenses create an extra wide 160° viewing angle
- 3M double face tape
- UV or IR Protected
- UL and cUL Recognized
- Warranty: 5 Year

SPECIFICATIONS

Model	Voltage	Current	Power	Mods Per Ft	CT	Lm/Ft	Qty 60W Power Supply	Viewing Angle
WOW 7500K	12VDC	60mA	0.72W	2	7500K	140	83Mods/41Ft	160°
WOW 6300K	12VDC	60mA	0.72W	2	6300K	140	83Mods/41Ft	160°
WOW 4200K	12VDC	60mA	0.72W	2	4200K	140	83Mods/41Ft	160°
WOW RED	12VDC	41mA	0.5W	2	Red	35	120Mods/60Ft	160°
WOW BLUE	12VDC	60mA	0.72W	2	Blue	30	83Mods/41Ft	160°
WOW GREEN	12VDC	60mA	0.72W	2	Green	108	83Mods/41Ft	160°
WOW AMBER YELLOW	12VDC	60mA	0.72W	2	Amber Yellow	138	83Mods/41Ft	160°



G2G TriCo
Smart RGB LED Modules

5 YEARS WARRANTY

12VDC | Constant Current | Long Lifetime | Mechanical

3M Tape | UV Resistant

IP67

E344189

SPECIFICATIONS

Model	G2G TriCo	G2G TriCo DMX
Voltage	12VDC	12VDC
Power	0.72W	0.72W
Mods Per Ft	2	2
LEDs (Per Module)	3	3
Qty 60W Power Supply	83Modules	83Modules
Viewing Angle	160°	160°

TriCo LED RGB modules are designed for flexible installations around curves and corners. High quality, long-lasting, waterproof and dust-proof, G2G's TriCo modules are a perfect fit for a multitude of lighting solutions. From lighting channel letters, sign boxes, and window displays, the possibilities are endless.

CONTROLLER SYTEMS

Tallent I (DF/4G)

Tallent II

Tallent III

WIFI-300

DIY-WIFI

Model	Input Voltage	Max load current	Max power	Output signal	Working Temperature	Dimensions (L x W x H)
Tallent I	100V-240VAC	2A(Max.)	15W(Max.)	DMX512	-30°C ~55°C	11.2 ×5.3 ×1.8in
Tallent II	DC5V-DC24V	24A (Max.)	2W (Max.)	DMX512&SPI	-30°C ~55°C	7.5 ×3.9 ×1.3in
Tallent III	100V-240VAC	2A(Max.)	15W(Max.)	DMX512	-30°C ~55°C	11.2 ×5.3 ×1.8in

Model	Input Voltage	Max length	Max output power	Output signal	Working Temperature	Dimensions (L x W x H)	IC
WIFI 300	DC5V-DC24V	50FT(Max.)	100W(Max.)	SPI	-20°C ~60°C	4.2 x2.6 x1.2in	LPD6803/WS2801 TM1803/DM413 TM1809/D705
WIFI DIY	DC5V-DC24V	50FT(Max.)	100W(Max.)	SPI	-20°C ~60°C	4.09 x2.94 x0.95in	LPD1109/WS2801 TM1803/ SM16716 TM1809/D705 LPD6803/LPD8803

Trident Series

Cabinet/BOX Solutions

Designed with incredibly efficient constant current technology (CCT) and new generation SMD LED's, G2G's Trident is the fastest, brightest and best lighting solution for sign box and cabinet installations. With outstandingly bright and even illumination, the Trident design challenges the toughest competitors.

- Designed for 3" to 10" deep single or double face sign boxes
- Available in single or double-sided applications
- 12 VDC Constant Current Technology (CCT)
- UL and cUL Recognized
- 5 Year Warranty included

SPECIFICATIONS

Model	Voltage	Power	Mods Per Sq Ft	LEDs (Per Module)	CT	LM (Per Module)	Qty 60W Power Supply	Viewing Angle
G2G Trident DF	12VDC	4.5W	1	6	7500K/6300K	420	13Modules	160°
G2G Trident SF 160	12VDC	3.0W	1	3	7500K/6300K	290	19Modules	160°
G2G Trident SF 180	12VDC	3.0W	1	3	7500K/6300K	290	19Modules	180°

Trident Stick Series

Cabinet/BOX Solutions

- Bright and even illumination designed for Single and Double-faced sign boxes
- Simple and easy to Install
- Professionally designed to easily replace fluorescent tube lighting
- IP 66 wet-location
- 5 Year Warranty included
- 12 VDC Constant Current Technology (CCT)
- UL and cUL Recognized

E344189 **IP66**

With brightness and efficiency unparalleled, the uniquely engineered Trident Stick is the fastest and easiest solution to retro-fitting fluorescent sign cabinets, or quickly installing top quality sign box lighting with little effort.

Trident SF Stick 180°

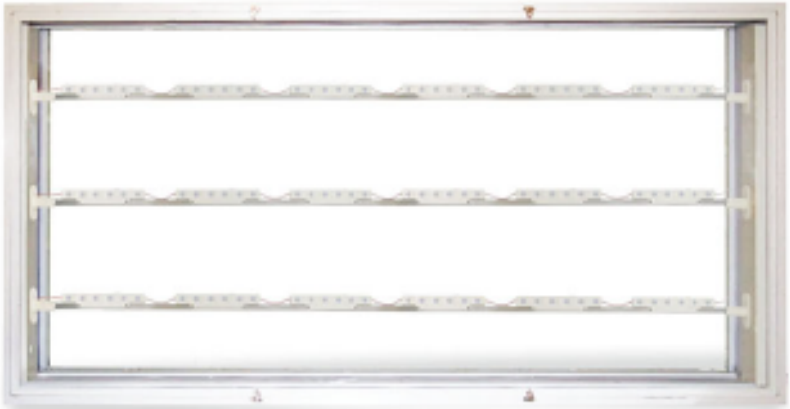
LED SIGN Module	Voltage	Power	Lm (Per Stick)
1 FT add on parts	12VDC	3W	290
Trident SF Stick 18IN	12VDC	3W	290
Trident SF Stick 42IN	12VDC	12W	1160
Trident SF Stick 64IN	12VDC	18W	1740
Trident SF Stick 2FT	12VDC	6W	580
Trident SF Stick 4FT	12VDC	12W	1160
Trident SF Stick 6FT	12VDC	18W	1740
Trident SF Stick 8FT	12VDC	24W	2320
Trident SF Stick 10FT	12VDC	30W	2900

Trident DF Stick 160°

LED SIGN Module	Voltage	Power	Lm (Per Stick)
1 FT add on parts	12VDC	4.5W	420
Trident DF Stick 18IN	12VDC	9W	840
Trident DF Stick 42IN	12VDC	18W	1680
Trident DF Stick 64IN	12VDC	27W	2520
Trident DF Stick 2FT	12VDC	9W	840
Trident DF Stick 4FT	12VDC	18W	1680
Trident DF Stick 6FT	12VDC	27W	2520
Trident DF Stick 8FT	12VDC	36W	3360
Trident DF Stick 10FT	12VDC	45W	4200

Trident Premier Stick Series

Cabinet/BOX Solutions



Maximized Brightness Design

Energy Efficient Solutions
FOR CABINET SIGNS
160° Viewing Angle

We've redesigned the Trident Stick making it brighter than ever. The new DF Trident Premier stick uses a 12V power supply, and includes 12 LED's per module making it brighter than the original Trident Stick. Undeniably one of the most energy efficient, and cost effective LED technologies available today.

ACCESSORIES

Mounting bracket

Joining bracket & HO Socket Connector

Trident DF Premier Stick

LED SIGN Module	Voltage	Power	Lm (Per Stick)
1 FT add on parts	12VDC	6.5W	682.5
Trident DF Premier Stick 18IN	12VDC	6.5W	682.5
Trident DF Premier Stick 42IN	12VDC	26W	2730
Trident DF Premier Stick 64IN	12VDC	32.5W	3412.5
Trident DF Premier Stick 2FT	12VDC	13W	1365
Trident DF Premier Stick 4FT	12VDC	26W	2730
Trident DF Premier Stick 6FT	12VDC	39W	4095
Trident DF Premier Stick 8FT	12VDC	52W	5460
Trident DF Premier Stick 10FT	12VDC	65W	6825

- CT 6500K
- Designed for 10" deep -24" deep double face sign boxes
- Available in single or double -sided applications
- 12 VDC Constant Current Technology (CCT)
- UL and cUL Recognized
- IP 66
- 5 Year Warranty included

c UL us E344189 **IP66**

AnPro Stick Series

Cabinet/BOX Solutions

The Perfect Solution for Sign Cabinets, New or Retrofit

Available in all T-12 lamp lengths and fits directly into T-12 sockets

Anpro Stick

180° Lens design

Accessories

HO Socket Connector

Mounting bracket

Snap-in from side or slide in from top

Apply to Anpro SF/DF Stick

*Only 9FT, 117IN, 10FT will be used Joining bracket Connect

G2G provides a cost effectiv investment for sign and business owners, while providing the most practical solution for conserving energy consumption, allowing lesser environmental impact and maintenance costs.We provide various sizes from 12" to 120" for both single and doubt face sticks. Custom adjustments are also made easy by contacting our team at G2G.

G2G ANPRO 180 DF Stick

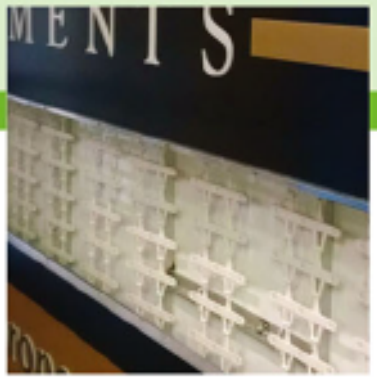
LED SIGN Module	Voltage	Power	Lm (Per Stick)
Anpro 180 DF Stick 1FT	12VDC	4.8W	480
Anpro 180 DF Stick 18IN	12VDC	9.6W	960
Anpro 180 DF Stick 2FT	12VDC	9.6W	960
Anpro 180 DF Stick 30IN	12VDC	14.4W	1440
Anpro 180 DF Stick 3FT	12VDC	16.8W	1680
Anpro 180 DF Stick 42IN	12VDC	19.2W	1920
Anpro 180 DF Stick 4FT	12VDC	21.6W	2160
Anpro 180 DF Stick 5FT	12VDC	28.8W	2880
Anpro 180 DF Stick 64IN	12VDC	28.8W	2880
Anpro 180 DF Stick 6FT	12VDC	31.2W	3120
Anpro 180 DF Stick 7FT	12VDC	38.4W	3840
Anpro 180 DF Stick 8FT	12VDC	43.2W	4320
Anpro 180 DF Stick 9FT	12VDC	48W	4800
Anpro 180 DF Stick 117IN	12VDC	50.4W	5040
Anpro 180 DF Stick 10FT	12VDC	52.8W	5280

G2G ANPRO 180 SF Stick

LED SIGN Module	Voltage	Power	Lm (Per Stick)
Anpro 180 SF Stick 1FT	12VDC	2.4W	240
Anpro 180 SF Stick 18IN	12VDC	4.8W	480
Anpro 180 SF Stick 2FT	12VDC	4.8W	480
Anpro 180 SF Stick 30IN	12VDC	7.2W	720
Anpro 180 SF Stick 3FT	12VDC	8.4W	840
Anpro 180 SF Stick 42IN	12VDC	9.6W	960
Anpro 180 SF Stick 4FT	12VDC	10.8W	1080
Anpro 180 SF Stick 5FT	12VDC	14.4W	1440
Anpro 180 SF Stick 64IN	12VDC	14.4W	1440
Anpro 180 SF Stick 6FT	12VDC	15.6W	1560
Anpro 180 SF Stick 7FT	12VDC	19.2W	1920
Anpro 180 SF Stick 8FT	12VDC	21.6W	2160
Anpro 180 SF Stick 9FT	12VDC	24W	2400
Anpro 180 SF Stick 117IN	12VDC	25.2W	2520
Anpro 180 SF Stick 10FT	12VDC	26.4W	2640

ArRay Series

Cabinet/BOX Solutions



SIGN BOX LIGHTING EASIER THAN EVER BEFORE

WE HAVE MORE OPTIONS FOR YOU

Our unique adjustable system is specially designed with moveable hinges that detach for easy, buildable and custom sign box lighting designs.
ArRay gives you more flexibility to adjust the amount of modules required for your project. Creating your custom design is now easier than ever.

- IP 66
- UL and cUL Recognized
- Warranty: 5 Year

c UL us E344189 **IP66**

A groundbreaking technology in sign box lighting, G2G introduces the ArRay system. Our goal is to help you reduce energy consumption and maintenance costs in applications where a high quality sign box lighting replacement is required.
The ArRay PRO DF and the ArRay ECO DF are designed for double-sided cabinets with a depth of 8" or greater.
The ArRay SF modules are designed for signgle-sided cabinets as shallow as 3".

SPECIFICATIONS

Model	Voltage	Power	Mods Per Sq Ft	LEDs (Per Module)	CT	Lm (Per Module)	Qty 60W Power Supply	Viewing Angle
ArRay DF PRO	12VDC	3.6W	3	6	7500K	360	16Modules	120°
ArRay DF ECO	12VDC	1.8W	3	6	7500K	180	33Modules	120°
ArRay SF	12VDC	1.0W	3	3	7500K	105	60Modules	160°

SiDe Series

Cabinet/BOX Solutions

ENGINEERED FOR SHALLOW OR NARROW CABINETS

SPECIFICATIONS

Input Voltage	12VDC
Power	2.8W/Module
Optical Lens	12 x 56°
LEDs Per Module	1
Modules Per Foot	2
Lumens Per Module	260LM
Color Temperatue	7000K
Dimensions (L x W x H)	2.8in x 1.34in x 0.72in
Qty 60W Power Supply	21 Modules
Protection	IP67 wet-location
Fastening	3M tape or mechanical mounting
Packaging	20 modules per bag 10 bags per box
Warranty	5 Years
Operating Temperature	-40°C to +85°C

Uniquely engineered for shallow or narrow sign cabinets, G2G's SiDe optic lenses optimize light from the edge to the center, delivering incredibly bright and even illumination in a revolutionary way.

APPLICATIONS

- Even illumination for single or double-sided sign boxes
- Designed for shallow or narrow sign boxes and cabinets
- 3M VHB double-sided tape and mechanical mounting options
- 12 VDC Constant Current Technology (CCT)
- Single-sided Modules
- UL and cUL Recognized

SLIM SIDE BAR

Model	G2G Slim SiDe Bar
Input Voltage	12VDC
Power	5.0W
Optical Lens	12 x 56°
LEDs Per Module	12
Modules Per Foot	1
Lumens Per Module	500LM
Color Temperatue	7500K

AURORA Flex Series

LED Neon Flexible tubing & Neon Signs

240° beam

AURORA Flex MINI

270° beam

AURORA Flex

AURORA Flex RED (RUBY SHELL)

270° beam

UV RESISTANT | AMBIENT -20~+45° | SALTWATER RESISTANT | DIMMABLE | FLAME RESISTANT

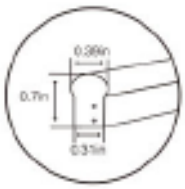
Accessories

AURORA FLEX

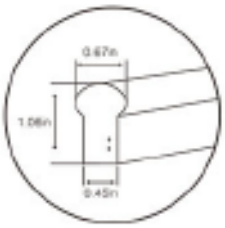
Accessories

AURORA FLEX MINI

DIMENSIONS



AURORA FLEX MINI



AURORA FLEX

9 COLORS

White | Red | Green | Yellow | Blue

Pinkish Purple | Warm White | Ice Blue | Orange

- Eco-friendly flexible LED PVC tube with UV stabilizers.
- High & Low temperature resistant (-20°C to +45°C).
- Vivid, uniform Neon-like lighting without dark spots or gaps in the tube.
- For use in place of exterior or interior border tubing, sign lettering, and accent lighting.

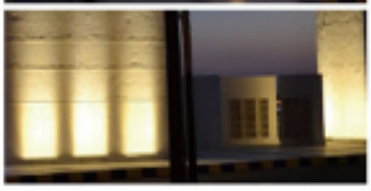
We provide custom made signs. Simply send us your designs, ideas or drawings and G2G will bring your project to life!

* Warning: FLEX MINI is not recommended for outdoor use

Neon	Voltage	Cut Intervals	LED	LEDs Qty	Power	IP Grade	Lengths	Warranty
AURORA Flex Mini	12VDC	1.4"	SMD 2835	24LED/FT	2.8W/FT	IP65	20FT/Tray, 5 Trays/Case	3 year
AURORA Flex	12VDC	1.4"	SMD 2835	24LED/FT	2.8W/FT	IP65	20FT/Tray, 5 Trays/Case	3 year
AURORA Flex Red (Ruby Shell)	12VDC	1.4"	SMD 2835	24LED/FT	2.8W/FT	IP65	20FT/Tray, 5 Trays/Case	3 year
AURORA Flex RGB	24VDC	6.6"	SMD 5050	21LED/FT	4.4W/FT	IP65	20FT/Tray, 5 Trays/Case	3 year

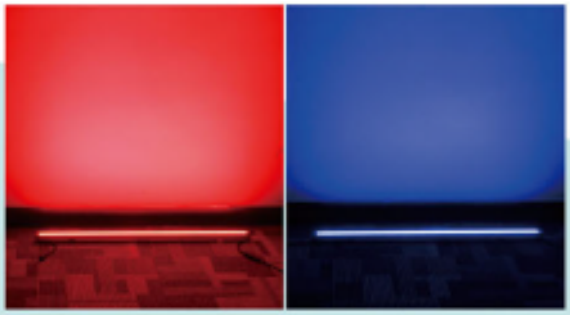
Oona Slim Wall Washer

LED Wall Washer



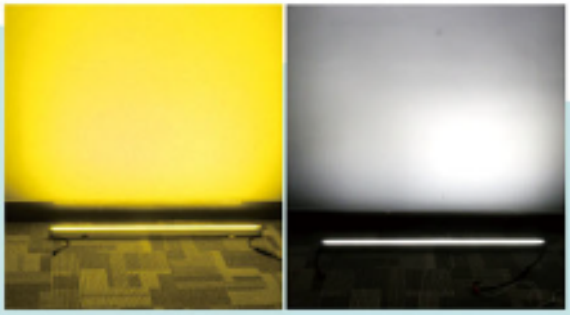
IP65

25X35 degree
UL:E487027



Red Blue

Powerfully structured, the Oona Slim Wall Washer is designed to dramatically illuminate buildings, monuments, fountains and create breathtaking outdoor displays.



Amber Yellow White

SPECIFICATIONS

Model	OONA SLIM WALL WASHER-48P	OONA SLIM WALL WASHER-60P
Dimensions (L x W x H)	39.4in x 1.4in x 2.2in	39.5in x 1.4in x 2.2in
Main Body	Extruded Aluminum.6063+iron	Extruded Aluminum.6063+iron
Weight	1.9Kgs	1.9Kgs
LED Quantity	48 Power LEDs	60 Power LEDs
Color	White/Warm White	RGB
Input Voltage	24VDC	24VDC
Power	20W	13W
Lens	25 x35°	20°/30 x40°
Lumens	2000 Lumens per fixture	484 Lumens per fixture

www.g2glighting.com 1829 Underwood Blvd, Unit 5, Delran Twp, NJ 08075 Phone:(973)575-2600 Fax:(973)575-2603

POWER SUPPLIES & LED Tape Light

Constant Voltage Type & LED Strip Light

LED POWER SUPPLIES

Constant Voltage Type

G2G constant-Voltage outdoor LED driver that operates from 100-277VAC input with excellent power factor. It is created for LED strip,LED module,LED landscape light. The high efficiency of these drivers and compact metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure trouble-free operation, protection is provided against input surge, output over voltage, over current, short circuit, and over temperature.

12VDC SERIES -100W/150W/200W

Model	G2G100W12	G2G150W12	G2G200W12
Input Voltage	100-277 VAC	100-277 VAC	100-277 VAC
Output Voltage	12 VDC	12 VDC	12 VDC
Power	100W	150W	200W
Output Current Range	0~8.33 A	0~12.5 A	0~16.67 A
Primary amp	8.33 A	12.5 A	16.67 A
PF	0.96(Min.)	0.96(Min.)	0.96(Min.)
Typical Efficiency(2)	91%	91%	91%

- That operates from 120 VAC up to 277 VAC
- -30 to 60°C operating temperature
- UL/cUL Recognized
- Input Surge Protection: 5kV line-line, 10kV line-earth
- All-Around Protection: OVP, OCP, SCP, OTP

CB CE c UL us E492384 IP67

LED Tape Light

- Input voltage 12V
- 3M double-sided tape
- UL and cUL Recognized
- Warranty: 5 Year

PRODUCTS	POWER	IP	LED TYPE	COLOR	LED/FT
G2GTL8W120GO-D12	3W/FT	IP65	SMD2835	White(3200K/6500K)	36/FT
G2GTL8W60GO-D12	1.5W/FT	IP65	SMD2835	White(3200K/6500K)	18/FT
G2GTL8W120NO-D12	3W/FT	IP20	SMD2835	White(3200K/6500K)	36/FT
G2GTL8W60NO-D12	1.5W/FT	IP20	SMD2835	White(3200K/6500K)	18/FT
G2GTL3R60NO-D12	1.5W/FT	IP20	SMD3528	RED	18/FT
G2GTL3B60NO-D12	1.5W/FT	IP20	SMD3528	BLUE	18/FT
G2GTL3W60NO-D12	1.5W/FT	IP20	SMD3528	White(3200K/6500K)	18/FT
G2GTL3W60GO-D12	1.5W/FT	IP65	SMD3528	White(3200K/6500K)	18/FT
G2GTL5W60NO-D12	4.4W/FT	IP20	SMD5050	White(3200K/6500K)	18/FT
G2GTL5W60GO-D12	4.4W/FT	IP65	SMD5050	White(3200K/6500K)	18/FT
G2GTL5R60GO-D12	4.4W/FT	IP65	SMD5050	RED	18/FT
G2GTL5G60GO-D12	4.4W/FT	IP65	SMD5050	GREEN	18/FT
G2GTL5B60GO-D12	4.4W/FT	IP65	SMD5050	BLUE	18/FT
G2GTL5Y60GO-D12	4.4W/FT	IP65	SMD5050	YELLOW	18/FT
G2GTL5RGB60GO-D12	4.4W/FT	IP65	SMD5050	RGB	18/FT

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