

GAU-48-33W-LED-D-ILS-20C-1227

33W Dimmable LED Light Fixture - 120-277V AC to 24V DC - Inline Dimmer Switch - 20' 16/3

SOOW Cord

Product ID: 271781



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

GAU-48-33W-LED-D-ILS-20C-1227 Dimmable LED Light

Lamp Technology: Dimmable LED

Dimensions: 46.88"-L x 2.68"-W x 1.69"-D

Weight: -

Voltage: Universal 120-277V AC, 50/60 Hz to 24V DC

Total Watts: 33.6W

Lumens: 2,416 lms

Luminous Efficacy: -

Lamp Life Expectancy: 100,000 Hours

Color Temperature: 6,500K

CRI: 75

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

Beam Type: 100°

Light Configuration: Flood

Power Efficiency: 90%

Power Factor: >0.95

Dimmer Location: Inline

Amps: -

Ambient Operating Temp Range: -40°C - +85°C

Materials: Powder Coated Aluminum

Mounting: Standard Triangle End Brackets

Wiring: 10' 16/3 SOOW Cable from Light to Inline Power Supply/Dimmer Switch + 10' 16/3 SOOW Cable w/ General Area Cord Cap from Inline Power Supply/Dimmer Switch to Outlet

Cord Cap Options: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist. UK BS1363,

Ratings/Features

IP54 Ingress Protection

Inline Dimmer Switch

Stepdown 120-277V AC to Low Voltage 24V DC

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

Fax: 1-903-498-3364

Intl. Schuko, Pigtail

E-mail: sales@larsonelectronics.com

The Larson Electronics GAU-48-33W-LED-D-ILS-20C-1227 Dimmable LED Light Fixture offers powerful illumination and dimmable controls via an inline switch along the system. This powerful LED strip light produces 2,416 lumens while drawing 33.6 watts and is suitable for a variety of applications. Operators can mount the LED light to flat surfaces using two standard adjustable end brackets.

The GAU-48-33W-LED-D-ILS-20C-1227 is designed to provide high output and serves as a ruggedly durable lighting solution. This light features an inline power supply that steps down universal 120-277V AC input voltage to 24V DC and an inline dimmer switch for light control. This light is constructed of powder coated extruded aluminum for excellent strength and durability and is rated IP54 for protection against exposure to splashing water and limited dust ingress. These units are configured in a 46.88" long strip or "bar" profile for installation in locations where wide dispersal and a low profile is preferred. The high output, cool running operation, and good color rendering properties of this light make it an ideal replacement for older, bulkier, and less reliable HID and halogen light fixtures.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life. LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Durability: The GAU-48-33W-LED-D-ILS-20C-1227 LED light is constructed of extruded aluminum with a tough powder coat finish for high strength and durability. The housing is IP54 rated, providing limited ingress protection against dusts, and basic protection against splashing water such as rain. This design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wetness or dusty conditions are commonly encountered.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



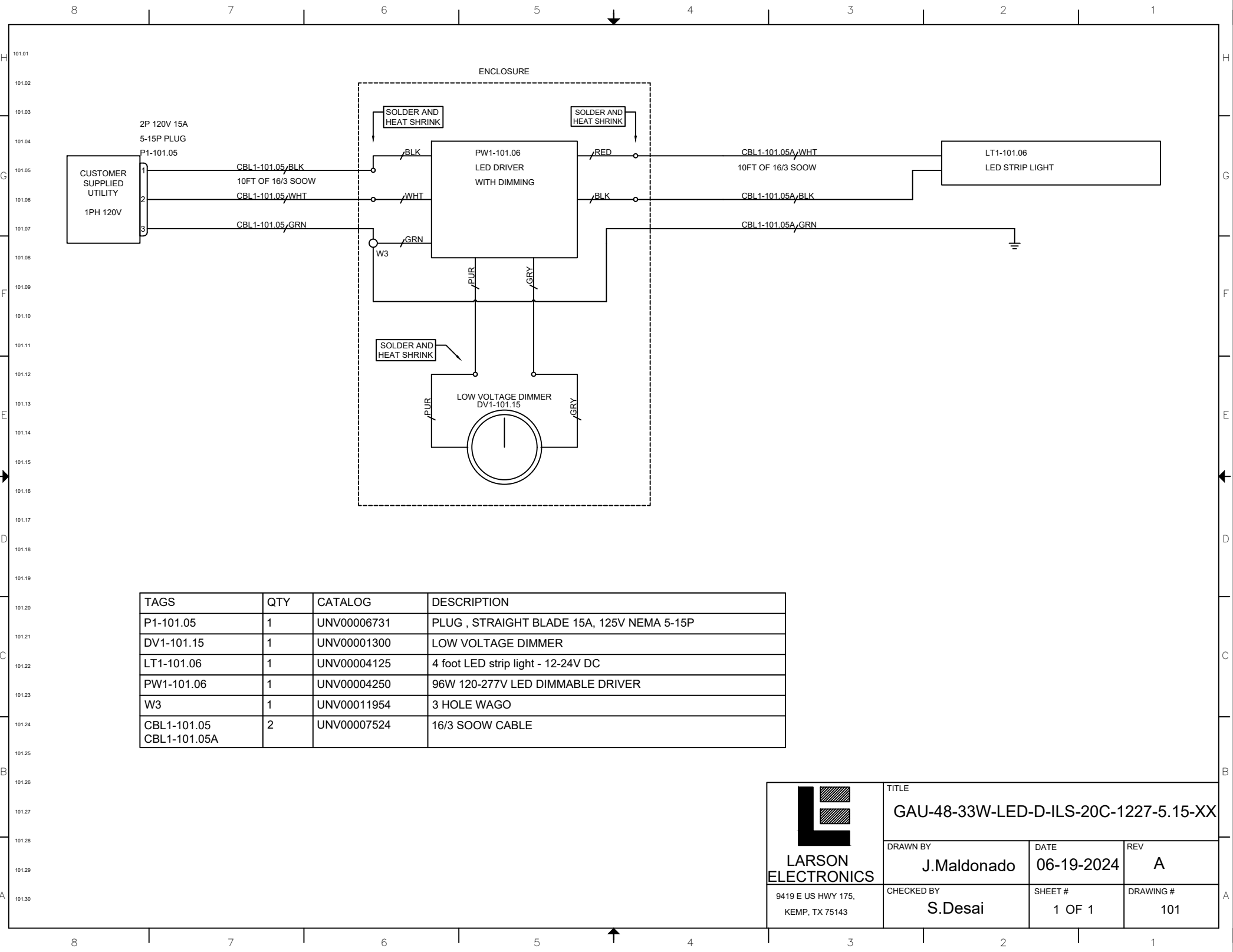
UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse

Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded

Flying Leads / Pigtail Wires

Wiring/Plug: This general use LED strip light is equipped with 10 feet of 16/3 SOOW chemical and abrasion resistant SOOW cord between the LED light and inline power supply/dimmer switch. An additional 10 feet of 16/3 chemical and abrasion resistant SOOW cord fitted with an industrial grade cord cap is available for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug. **Mount:** Mounting for this unit is provided by two standard adjustable end brackets that allow operators to mount the light to flat surfaces and then adjust the light 170° vertically for the best placement. The entire assembly weighs 2.8 lbs and measures 46.88" in length, 2.68" wide and 1.69" deep. At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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H	REV	DESCRIPTION						DATE
	A	PRODUCTION RELEASE						06-19-2024
G	GAU-48-33W-LED-D-ILS-20C-1227-5.15-XX							
F								
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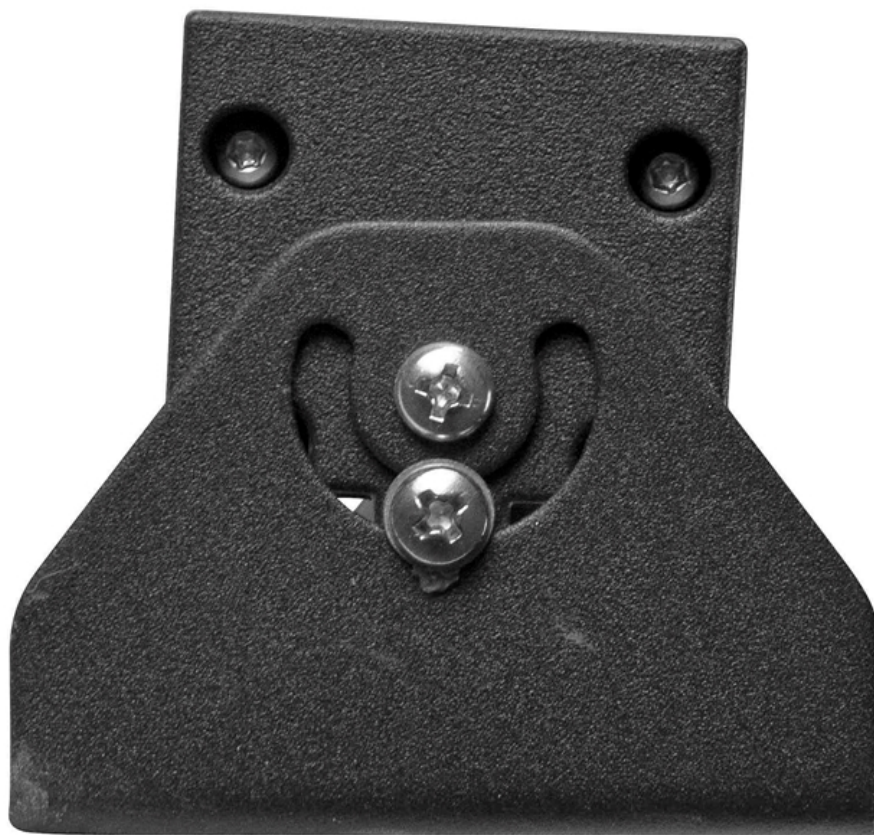


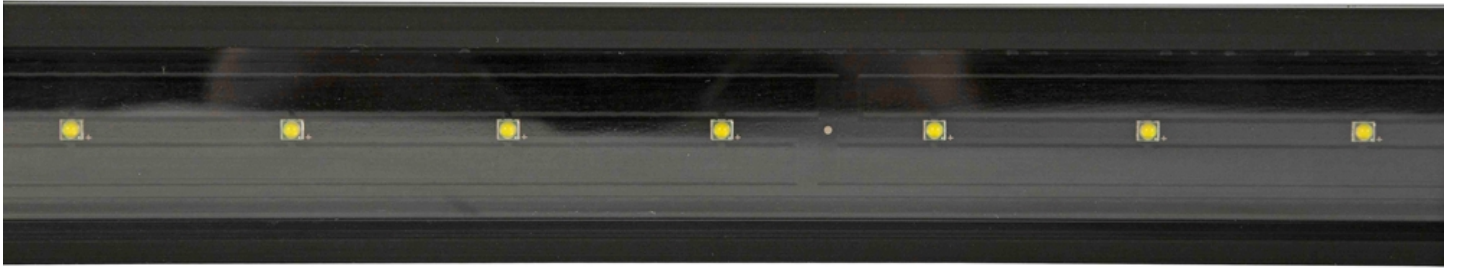
TAGS	QTY	CATALOG	DESCRIPTION
P1-101.05	1	UNV00006731	PLUG , STRAIGHT BLADE 15A, 125V NEMA 5-15P
DV1-101.15	1	UNV00001300	LOW VOLTAGE DIMMER
LT1-101.06	1	UNV00004125	4 foot LED strip light - 12-24V DC
PW1-101.06	1	UNV00004250	96W 120-277V LED DIMMABLE DRIVER
W3	1	UNV00011954	3 HOLE WAGO
CBL1-101.05 CBL1-101.05A	2	UNV00007524	16/3 SOOW CABLE

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE GAU-48-33W-LED-D-ILS-20C-1227-5.15-XX		
	DRAWN BY J.Maldonado	DATE 06-19-2024	REV A
	CHECKED BY S.Desai	SHEET # 1 OF 1	DRAWING # 101









Frequently Asked Questions (FAQ)