

WORKSITE
LIGHTING AND POWER SOLUTIONS

Catalog 2024

Explosion Proof Lighting
Safety Lighting
Portable Power Distribution
Welding Rack Systems



worksitelighting.com

Company Overview

WorkSite Lighting, LLC is SDVOSB Manufacturer (Service - Disabled, Veteran - Owned Small Business) formed by business owners and professionals with extensive manufacturing, product development, sales and procurement experience.

- Management team with 80+ years manufacturing experience
- 30 + years critical field experience to provide you with proper solutions
- Workforce consisting of 60% veterans
- Offices in Texas and Louisiana
- Worldwide business network and delivery

Our specialties include consulting, specifying and designing to our clients particular needs. Manufacturing and customer service is our business... your safety is our goal.



12V Explosion Proof String Light, 12Volt, 5,8,10 Lamps

Illuminate hazardous areas safely with Worksite Lighting's 12V LED Explosion-Proof String Lights. Built-in transformer, 120VAC to 12VAC. Durable, North American-made, Class 1 Div 1&2, Class 2 Div 1 compliant. Meets Osha's voltage Requirements for confined spaces. Comes in 5, 8 and 10 lamp variations.



PRODUCT SPECIFICATIONS

DIMENSIONS:	EACH LAMP: L-16.5" DIAM-5"
VOLTAGE:	12-24V AC
TOTAL WATTS:	50-100 WATTS
SINGLE LAMP WATT:	10 WATTS
LAMP LIFE:	50,000+ HOURS
COLOR TEMP:	5600K
GLOBE GUARD MATERIAL:	COPPER-FREE CAST ALUMINUM
GLOBE MATERIAL:	HARDENED BOROSILICATE GLASS
HANDLE MATERIAL:	RUBBER
MOUNTING:	HANDHELD OR HANGING VIA ALUMINUM HOOKS
CLASSIFICATION:	

12V Wet Location Vapor Proof Handlamp

Illuminate Wet Location areas safely with Worksite Lighting's 12V LED vapor proof handlamp. Durable, North American-made, Osha Compliant with confined spaces.



PRODUCT SPECIFICATIONS

WEIGHT:	10 LBS. (FIXTURE & CORD)
VOLTAGE:	DW VAPOR PROOF = 12 OR 24 V
INLINE TRANSFORMER:	240-24V 120-12V
LAMP TYPE:	9W LED, 800 LUMENS, 5000K CCT
CORDS:	100' CORD STANDARD, OPTIONAL TO 250'
PLUGS:	15A, 125VAC, NEMA 5-15
CLASSIFICATION:	

Worksite Lighting Vapor Proof Inline Handlamp

The Worksite Lighting Vapor Proof Inline handlamp is a durable lighting solution for demanding applications demanding vapor-proof lighting. This handlamp ensures dependable, sustained, OSHA-compliant illumination for confined spaces, available in both 24-volt and 12-volt versions. It promises reliable performance across diverse challenging operational environments.



PRODUCT SPECIFICATIONS

WEIGHT:	10 LBS. (FIXTURE & CORD)
VOLTAGE:	DW VAPOR PROOF = 12 OR 24 V
INLINE TRANSFORMER:	240-24V 120-12V
LAMP TYPE:	9W LED, 800 LUMENS, 5000K CCT
CORDS:	100' CORD STANDARD, OPTIONAL TO 250'
PLUGS:	15A, 125VAC, NEMA 5-15
CLASSIFICATION:	

Worksite Lighting Explosion Proof Extension Handlamp

The Worksite Lighting Explosion Proof Handlamp delivers reliable, high-intensity illumination for hazardous, potentially explosive environments. Available in both 120-volt and 12-volt variants and equipped with an explosion-proof plug, this handlamp is expertly designed for both safety and performance.



PRODUCT SPECIFICATIONS

WEIGHT:	10 LBS. (FIXTURE & CORD)
VOLTAGE:	DW EXPLOSION PROOF = 12 OR 120V
LAMP TYPE:	10W LED, 1500 LUMENS, 5000K CCT
CORDS:	50',100' CORD STANDARD, OPTIONAL TO 250'
PLUGS:	NEMA 5-15P XP PLUG
CLASSIFICATION:	

Explosion Proof String Light, 120 Volt. 5,8,10 Lamps

Illuminate hazardous areas safely with Worksite Lighting's 120V LED Explosion-Proof String Lights. Durable, North American-made, Class 1 Div 1&2, Class 2 Div 1 compliant.



PRODUCT SPECIFICATIONS

DIMENSIONS:	EACH LAMP: L-16.5" DIAM-5"
VOLTAGE:	120-277V AC OR 11-25V AC/DC
SINGLE LAMP WATT:	10 WATTS
LAMP LIFE:	50,000+ HOURS
COLOR TEMP:	5600K
GLOBE GUARD MATERIAL:	COPPER-FREE CAST ALUMINUM
GLOBE MATERIAL:	HARDENED BOROSILICATE GLASS
HANDLE MATERIAL:	RUBBER
MOUNTING:	HANDHELD / HANGING VIA ALUMINUM HOOKS
CLASSIFICATION:	

120V Explosion Proof Extension Handlamp

Illuminate hazardous areas safely with Worksite Lighting's 120V LED Explosion-Proof Extension handlamp with Explosion Proof Plug. Durable, North American-made, Class 1 Div 1&2, Class 2 Div 1 compliant.



PRODUCT SPECIFICATIONS

WEIGHT:	10 LBS. (FIXTURE & CORD)
VOLTAGE:	DW EXPLOSION PROOF = 12 OR 120V
LAMP TYPE:	10W LED, 1500 LUMENS, 5000K CCT
CORDS:	50',100' CORD STANDARD, OPTIONAL TO 250'
PLUGS:	NEMA 5-15P XP PLUG
CLASSIFICATION:	

Worksite Lighting Explosion Proof Handlamp

Discover Worksite Lighting's LED Hand Lamps: the ultimate choice for hazardous environments. Featuring non-sparking guards, wet condition optimization, and robust durability, they ensure unmatched safety and efficiency. C1D1 Rated and manufactured in North America.



PRODUCT SPECIFICATIONS	
LAMP WATTAGE - MAXIMUM 100W	DEPTH 127.00MM (5.000")
LUMENS 1000	DUTY HAZARDOUS, WET LOCATION
ON/OFF SWITCH NO	GUARD INCLUDED YES
VOLTAGE (FIXTURE) - MAXIMUM 120VAC 60 HZ	GUARD TYPE CAST ALUMINUM
BULB TYPE INCANDESCENT	HEIGHT 419.10MM (16.500")
CORD LENGTH - PRIMARY N/A	LAMP TYPE A21
CORD LENGTH - SECONDARY N/A	CLASSIFICATION:

Worksite Lighting Explosion DW6140 Proof Handlamp

Illuminate hazardous areas safely with Worksite Lighting's 12V LED Explosion-Proof String Lights. Built-in transformer, 120VAC to 12VAC. Durable, North American-made, Class 1 Div 1&2, Class 2 Div 1 compliant



PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATIONS	

4 & 6 Pack Industrial Welding Racks

Elevate your industrial workspace with Worksite Lighting's premium Industrial Welding Racks, designed for unmatched durability and efficiency.

Our welding racks come in both 4 and 6-pack configurations, equipped with a robust power distribution system that delivers 10kva onboard, ensuring your electric tools like drills and grinders are powered right at the work site for increased versatility and utilization

Each rack features shelves predrilled for compatibility with Lincoln Flextec 350x & Miller XMT350 Units, alongside a meticulous cable routing system for safeguarding power cabling during transport.

The design includes a robust grounding block for enhanced protection, a sloped roof for effective rain runoff, and the ability to connect two 4-packs to form an 8-pack setup.

Meeting Nema-3R and UL 50 Specifications, our welding racks are the epitome of reliability and convenience, promising the right product, built right, on time, every time.



4 & 6 Pack Industrial Welding Racks

PRODUCT SPECIFICATIONS

PRIMARY SIDE

DUAL 600/480 VOLT INPUT TO LUGS

600 VOLT INPUT TO LUGS

480 VOLT INPUT TO LUGS

4 PACK PART#

WR4PD10K06-480/600

WR4PD10K06-600

WR4PD10K06-480

6 PACK PART#

WR6PD10K06-480/600

WR6PD10K06-600

WR6PD10K06-480

SECONDARY SIDE, 4 PACK

6 X 20A 120V NEMA 5-20 RECEPTACLES

6 X 20A 1P GFCI PROTECTED CIRCUIT BREAKERS

4 X WELDER CIRCUIT BREAKERS

TERMINAL BLOCK WITH 4 WELDER CONNECTIONS

SECONDARY SIDE, 6 PACK

6 X 20A 120V NEMA 5-20 RECEPTACLES

6 X 20A 1P GFCI PROTECTED CIRCUIT BREAKERS

6 X WELDER CIRCUIT BREAKERS

TERMINAL BLOCK WITH 6 WELDER CONNECTIONS



TYPICAL NORTH AMERICAN MARKING










DIVISION SCHEME

CLASS I ↑ HAZARD CLASS	DIVISION 1 ↑ AREA CLASSIFICATION	GROUPS A,B,C,D ↑ GAS GROUP	T4 ↑ TEMPERATURE CLASS
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ZONE EQUIVALENCY SCHEME

CLASS I ↑ HAZARD CLASS	ZONE 0 ↑ AREA CLASSIFICATION	GROUPS IIA,IIB,IIC ↑ GAS GROUP	T4 ↑ TEMPERATURE CLASS
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ATMOSPHERE GROUPS

SUBSTANCE	HAZARD CLASS	DIVISION GROUPS	ZONE GROUPS
 ACETYLENE	CLASS I FLAMMABLE GASES	GROUP A	IIC
 HYDROGEN		GROUP B	IIB + H2
 ETHYLENE		GROUP C	IIB
 PROPANE		GROUP D	IIA
 METHANE		GROUP D	IIA ⁶
 COMBUSTIBLE METAL DUSTS	CLASS II COMBUSTIBLE DUSTS	GROUP E ⁵	IIC
 COMBUSTIBLE CARBONACEOUS DUSTS		GROUP F	IIB
 COMBUSTIBLE DUST NOT IN GROUP E OR F (FLOUR, GRAIN, WOOD, PLASTICS, CHEMICALS)		GROUP G	IIB
 COMBUSTIBLE FIBERS AND FLYINGS	CLASS III FIBERS AND FLYINGS	NOT APPLICABLE	IIA

Note 5: Group E is applicable to Class II Division 1 only

Note 6: Methane is a group IIA Gas for non-mining applications

CLASSIFICATION OF DIVISIONS AND ZONES

HAZARD LEVEL	DIVISION SCHEME	ZONE SCHEME GAS/DUST	TYPE OF EXPLOSIVE ATMOSPHERE
CONTINUOUS HAZARD	DIVISION 1	ZONE 0 / ZONE 20	Continually Present
INTERMITTENT HAZARD		ZONE 1 / ZONE 21 *	Likely to occur during normal operations
HAZARD UNDER ABNORMAL CONDITIONS	DIVISION 2	ZONE 2 / ZONE 22	Not likely to occur during normal operations, but may occur for short periods

* Note: Zone 1 and Zone 21 products are not suitable for use in Division 1 areas.

TEMPERATURE CLASSIFICATION (7)

MAX. SURFACE TEMPERATURE	NEC 500 / CEC	NEC 5 05/ IE C - GROUP II
450° C (842°F)	T1	T1
300° C (572°F)	T2	T2
280° C (536°F)	T2A	
260° C (500°F)	T2B	
230° C (446°F)	T2C	
215° C (419°F)	T2D	
200° C (392°F)	T3	T3
180° C (356°F)	T3A	
165° C (329°F)	T3B	
160° C (320°F)	T3C	
135° C (275°F)	T4	T4
120° C (248°F)	T4A	
100° C (212°F)	T5	T5
85° C (185°F)	T6	T6

Note 7: For Group I applications (ATEX, IECEx and UKEx only), electrical apparatus has fixed temperature limits of 150°C (where layers of coal dust can form) and 450°C (where coal dust is not expected to form a layer).





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LOCATIONS IN TEXAS AND LOUISIANA

www.worksitelighting.com

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