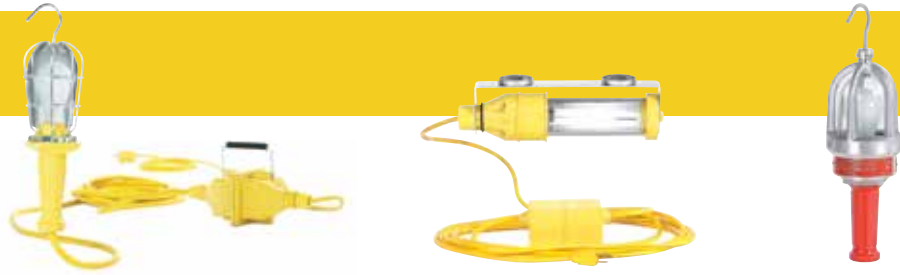


SPECIALTY LIGHTING



WOODHEAD® HAZARDOUS LOCATION, LOW-VOLTAGE SPECIALTY AND MACHINE-TOOL LIGHTS ARE DURABLE, EASY-TO-HANDLE AND CAPABLE OF CONTINUOUS OPERATION IN DEMANDING ENVIRONMENTS

Woodhead Specialty Lights include low voltage, hazardous location, spotlights and machine-tool lights. Hazardous location lights are available in both incandescent and fluorescent and comply with OSHA requirements for classified locations. Low-voltage lights are equipped with low-voltage transformers, providing maximum protection in wet or conductive environments. Low-voltage lights are available in a variety of styles including hazardous location, wet location, spotlights and more.

FEATURES AND BENEFITS

NEOTEX® rubber molded construction	Provides the most abrasion- and chemical-resistant specialty lighting available
Low-voltage products	Promotes maximum safety in wet and conductive environments
Flexible-mounting options	Provides solutions for a range of space and lighting requirements
Variety of wattage and light-source options	Customers will find a light from Woodhead that will fit their needs

APPLICATIONS

- Petrochemical plant shut downs
- Hull and bilge cleaning
- Machine-tool lighting
- Painting and chipping
- Sandblasting
- Tank and vessel inspections
- Washdown-work areas

Handlamps

Haztex®

Hazardous Location

High-Output LED

20W



Features and Benefits

- Integral LED light source
- High-output LED

Reference Information

UL File No.: E30252

Hazardous Locations:

Class I, Division I, Groups C and D

Class II, Division I, Groups F and G

Class I, Zone I, Group IIB

Temperature Rating: T4



Electrical

Fixture Voltage: 120V AC

Physical

Switch: No

Lumens: 750

Environmental

NEMA Rating: NEMA 4X

A

Portable Lighting

Cord Type	NEMA Configuration	Cord Length	Woodhead No.	Order No.
	NEMA 5-15		61450	130104-0082
16/3 SOOW	NEMA 5-15	7.62m (25.0')	61450A163	130104-0086
16/3 SOOW	NEMA 5-15	15.24m (50.0')	61450B163	130104-0087
16/3 SOOW	NEMA 5-15	30.48m (100.0')	61450D163	130104-0088
14/3 SOOW	NEMA 5-15	7.62m (25.0')	61450A143	130104-0083
14/3 SOOW	NEMA 5-15	15.24m (50.0')	61450B143	130104-0084
14/3 SOOW	NEMA 5-15	30.48m (100.0')	61450D143	130104-0085

Replacement Parts

Description	Woodhead No.	Order No.
Guard Assembly	61451	130104-0095
Socket and Handle Assembly	61452	130104-0096
Glass Globe	61455	130104-0097
Hook Assembly	61436	130104-0057
Replacement Light Source	61457	130104-0098

Handlamps

Haztex®

Hazardous Location

Low Voltage

High-Output LED

21W



Features and Benefits

- Integral LED light source
- High-output LED
- Low-voltage options provide additional protection in wet or conductive locations. Driver must remain outside the conductive area

Reference Information

UL File No.: E30252

Hazardous Locations:

Class I, Division I, Groups C and D

Class II, Division I, Groups F and G

Class I, Zone I, Group IIB

Temperature Rating: T4



Electrical

Fixture Voltage: 12V

Physical

Switch: No

Environmental

NEMA Rating: NEMA 4X

Cord Type	NEMA Configuration	Cord Length	Woodhead No.	Order No.
14/3 SOOW	NEMA 5-15	7.62m (25.0')	1655-12A	130105-0082
14/3 SOOW	NEMA 5-15	15.24m (50.0')	1655-12B	130105-0083

Replacement Parts

Description	Woodhead No.	Order No.
Low Voltage Replacement Light Source	1679-12	130112-0272
Low Voltage Cover Assembly	1676-EX	130112-0133
Low Voltage Carrying Handle	1677	130112-0134

Handlamps

Haztex®

Hazardous Location

Fluorescent

26W



Features and Benefits

- Lights are designed to stringent specifications of NEC Article 500 and are agency listed for safety in classified locations
- Low-voltage options provide additional protection in wet or conductive locations. Transformer must remain outside the conductive area

Reference Information

UL File No.: E30252 (except 230V rated products)

CSA File No.: LR39801

Hazardous Locations:

Class I, Division I, Groups C and D

Class II, Division I, Groups F and G

Class I, Zone 1, Group IIB

UL Temperature Rating: T3B



Physical

Bulb Size: PL-C 26/41/4P

Switch: No

Construction: Aluminum with rubber bumpers

Lumens: 1800

A

Portable Lighting

Primary Fixture Voltage	Secondary Fixture Voltage	Cord Type	NEMA Configuration	Cord Length	Transformer Type	Woodhead No.	Order No.
120V AC 60 Hz				Without cord		1090-HZ	130104-0021
12V AC		16/3 SOOW	Non-NEMA	7.62m (25.0')	Workstation	1090-HZ12A163	130104-0022
12V AC		16/3 SOOW	Non-NEMA	15.24m (50.0')	Workstation	1090-HZ12B163	130104-0023
12V AC		14/3 SOOW	Non-NEMA	30.48m (100.0')	Workstation	1090-HZ12D143	130104-0024
120V AC 60 Hz		14/3 SOOW	NEMA 5-15	7.62m (25.0')		1090-HZA143	130104-0030
120V AC 60 Hz		14/3 SOOW	NEMA 5-15	15.24m (50.0')		1090-HZB143	130104-0032
120V AC 60 Hz		14/3 SOOW	NEMA 5-15	30.48m (100.0')		1090-HZD143	130104-0034
120V AC 60 Hz		16/3 SOOW	NEMA 5-15	7.62m (25.0')		1090-HZA163	130104-0031
120V AC 60 Hz		16/3 SOOW	NEMA 5-15	15.24m (50.0')		1090-HZB163	130104-0033
120V AC 60 Hz		16/3 SOOW	NEMA 5-15	30.48m (100.0')		1090-HZD163	130104-0035
120V AC 60 Hz	12V AC	14/3 SOOW	NEMA 5-15	30.48m (100.0')	In-line	1090-HZ12ID143	130104-0028
120V AC 60 Hz	12V AC	16/3 SOOW	NEMA 5-15	7.62m (25.0')	In-line	1090-HZ12IA163	130104-0025
120V AC 60 Hz	12V AC	16/3 SOOW	NEMA 5-15	15.24m (50.0')	In-line	1090-HZ12IB163	130104-0026
230V AC 50 Hz	12V AC	14/3 SOOW		30.48m (100.0')	In-line	1090-HZ12ID143P	130104-0029
	12V AC	16/3 SOOW		15.24m (50.0')	In-line	1090-HZ12IB163P	130104-0027

Replacement Parts

Description	Woodhead No.	Order No.
Cap Bumper	00-1470	130180-0179
Guard Bumper	00-1480	130180-0181
Handle Bumper	00-1490	130180-0182
Glass Globe	40-9442	130113-0007
Handle Assembly	40-9456	130186-0561
Lamp Guard Assembly	40-9441	130186-0719

Handlamps

Haztex®

Hazardous Location

Incandescent

100W Max



Features and Benefits

- Lights are designed to stringent specifications of NEC Article 500 and are agency listed for safety in classified locations

Reference Information

UL File No.: E30252

CSA File No.: LR39801

Hazardous Locations:

Class I, Division I, Groups C and D (100W max.)

Class II, Division I, Groups F and G (75W max.)

Class I, Zone 1, Group IIB

UL Temperature Rating: T3B



Electrical

Fixture Voltage: 250V max.

Voltage with Plug: 120V AC

Physical

Bulb Size: A21

Switch: No

Construction: Aluminum with nylon handle

Fixture Lumens: 650 (100W)

Environmental

NEMA Rating: NEMA 4X

Cord Type	NEMA Configuration	Cord Length	Woodhead No.	Order No.
		Without cord	61430	130104-0041
14/3 SOOW	NEMA 5-15	7.62m (25.0')	61430A143	130104-0042
14/3 SOOW	NEMA 5-15	15.24m (50.0')	61430B143	130104-0044
14/3 SOOW	NEMA 5-15	30.48m (100.0')	61430D143	130104-0048
16/3 SOOW	NEMA 5-15	7.62m (25.0')	61430A163	130104-0043
16/3 SOOW	NEMA 5-15	15.24m (50.0')	61430B163	130104-0045
16/3 SOOW	NEMA 5-15	30.48m (100.0')	61430D163	130104-0049

Replacement Parts

Description	Woodhead No.	Order No.
Guard Assembly (includes glass globe)	61451	130104-0054
Socket and Handle Assembly	61452	130104-0055
Glass Globe	61455	130104-0056
Hook Assembly	61435	130104-0057
Replacement Light Source	61457	130104-0098

Handlamps

Haztex®

Hazardous Location

Low Voltage

Incandescent

75W Max.



Features and Benefits

- Lights are designed to stringent specifications of NEC Article 500 and are agency listed for safety in classified locations
- Low-voltage options provide additional protection in wet or conductive locations. Transformer must remain outside the conductive area

Reference Information

UL File No.: E30252 (except 1645-12)

CSA File No.: LR39801

Hazardous Locations:

Class I, Division I, Groups C and D

Class II, Division I, Groups F and G

Class I, Zone 1, Group IIB

UL Temperature Rating: T3B



Electrical

Bulb: All fixtures supplied with 12V, 75W, A21 bulb

Fixture Voltage: 250V max.

Physical

Bulb Size: A21

Switch: No

Construction: Aluminum with nylon handle

Environmental

NEMA Rating: NEMA 4X

Primary Fixture Voltage	Secondary Fixture Voltage	Primary Cord Type	Secondary Cord Type	NEMA Configuration	Cord Length	Transformer Type	Woodhead No.	Order No.
12V AC			14/3 SOOW	Non-NEMA	15.24m (50.0')	Workstation	1645-12	130104-0038
120V AC 60 Hz	12V AC	16/3 SOOW		NEMA 5-15	7.62m (25.0')	In-line	1635-12A	130105-0045
120V AC 60 Hz	12V AC	16/3 SOOW		NEMA 5-15	15.24m (50.0')	In-line	1635-12B	130105-0046

Replacement Parts

Description	Woodhead No.	Order No.
In-Line Transformer Cover for Haz Duty Handlamps	1676-EX	130112-0133
Handle for In-Line Transformer	1677	130112-0134
In-Line Transformer for Hazardous Duty Incandescent Handlamp	1678-12	130112-0135
12V, 75W Bulb	1652-12	130191-0031

Workstations

Low Voltage

200W, 400W



Features and Benefits

- Converts 120V power to 12V for use in wet locations with 12V lights and tools
- 12V power protects workers in damp or conductive locations. The transformer must be kept out of the wet or conductive location.
- Durable construction allows for operation in the most demanding industrial environments

Electrical

Overcurrent Protection: 15A

NEMA Configuration:

Plug—NEMA 5-15

Receptacles—Non-NEMA crowfoot

Physical

Cord Type: 16/3 SOOW

Cord Length: 6'

Environmental

NEMA 3R

Primary Fixture Voltage	Secondary Fixture Voltage	Maximum Lamp Wattage	Number of Outlets	Woodhead No.	Order No.
120V AC 60 Hz	12V AC	400W	4	1640-12	130105-0050
	12V AC	200W	2	1642-12	130105-0052

Handlamps

Wet Location

Low Voltage Incandescent 75W



Features and Benefits

- Wet location rated handlamps meet and exceed OSHA requirements for wet location use
- In-line transformer converts 120V power to 12V for added protection in conductive locations. The transformer must remain outside of the conductive location.
- Rubber handles and 8-gauge Steel guards provide maximum protection for bulbs and electrical components
- Guard and globe options ensure the perfect product for the required protection in wet work environments

Reference Information

UL File No.: E59049

CSA File No.: LR85374 (except 1646-12, 1649-12)



Electrical

Bulb: All fixtures supplied with 12V, 75W, A21 bulb

Physical

Bulb Size: A21

Switch: No

Construction: Rubber handles (except lights with Teflon® globe; thermoset polyester for lights with Teflon globes).

Environmental

NEMA Rating: NEMA 4X

Primary Fixture Voltage	Secondary Fixture Voltage	Guard Material	Globe Material	Primary Cord Type	Secondary Cord Type	NEMA Configuration	Cord Length	Transformer Type	Woodhead No.	Order No.
12V AC		#8 Gauge Zinc-plated Steel	Tempered glass	14/2 SOOW		Non-NEMA	15.24m (50.0')	Workstation	1649-12	130105-0059
			Teflon	14/2 SOOW		Non-NEMA	15.24m (50.0')	Workstation	1646-12	130105-0056
120V AC 60 Hz	12V AC	#8 Gauge Zinc-plated Steel	Tempered glass	16/3 SOOW	14/2 SOOW	NEMA 5-15	7.62m (25.0')	In-line	1621-12A	130105-0037
	12V AC	#8 Gauge Zinc-plated Steel	Tempered glass	16/3 SOOW	14/2 SOOW	NEMA 5-15	15.24m (50.0')	In-line	1621-12B	130105-0038
	12V AC		Teflon	16/3 SOOW	14/2 SOOW	NEMA 5-15	7.62m (25.0')	In-line	1625-12A	130105-0041
	12V AC		Teflon	16/3 SOOW	14/2 SOOW	NEMA 5-15	15.24m (50.0')	In-line	1625-12B	130105-0042
	12V AC	Cast Aluminum	Tempered glass	16/3 SOOW	14/2 SOOW	NEMA 5-15	7.62m (25.0')	In-line	1631-12A	130105-0043
	12V AC	Cast Aluminum	Tempered glass	16/3 SOOW	14/2 SOOW	NEMA 5-15	15.24m (50.0')	In-line	1631-12B	130105-0044
230V AC 50 Hz	12V AC	#8 Gauge Zinc-plated Steel	Tempered glass	16/3 SOOW	14/2 SOOW		15.24m (50.0')	In-line	1621-12B-P	130105-0039

Replacement Parts

Description	Woodhead No.	Order No.
#8 Gauge Zinc-plated Steel Guard	1255	130112-0111
Glass Globe	1253	130191-0086
Teflon Globe with Hook	1229	130112-0110
12V, 75W Bulb	1652-12	130191-0031
In-Line Transformer Cover	1676	130112-0132
In-Line Transformer	1675-12	130112-0131

Handlamps

Industrial Duty

Low Voltage Incandescent 75W



Features and Benefits

- In-line transformer converts 120V power to 12V for added protection in conductive locations. The transformer must remain outside of the conductive location.
- Rubber handles and 8-gauge Steel guards provide maximum protection for bulbs and electrical components
- Ergonomically designed fencer's flange handle helps protect users from accidentally touching a hot guard

Reference Information

UL File No.: E59049

CSA File No.: LR85374 (except 1648-12)



Electrical

Bulb: All fixtures supplied with 12V, 75W, A21 bulb

Physical

Bulb Size: A21

Switch: No

Construction: Rubber handles

Guard: 8-gauge Zinc-plated Steel, screw release

Primary Fixture Voltage	Secondary Fixture Voltage	Reflector	Primary Cord Type	Secondary Cord Type	NEMA Configuration	Cord Length	Transformer Type	Woodhead No.	Order No.
12V AC		Yes		14/2 SOOW	Non-NEMA	15.24m (50.0')	Workstation	1648-12	130105-0058
120V AC 60 Hz	12V AC	No	16/3 SOOW	14/2 SOOW	NEMA 5-15	7.62m (25.0')	In-line	1600-12A	130105-0028
	12V AC	No	16/3 SOOW	14/2 SOOW	NEMA 5-15	15.24m (50.0')	In-line	1600-12B	130105-0029
	12V AC	Yes	16/3 SOOW	14/2 SOOW	NEMA 5-15	7.62m (25.0')	In-line	1601-12A	130105-0030
	12V AC	Yes	16/3 SOOW	14/2 SOOW	NEMA 5-15	15.24m (50.0')	In-line	1601-12B	130105-0031

Replacement Parts

Description	Woodhead No.	Order No.
#8 Gauge Zinc-plated Steel Guard, No Reflector	1152	130112-0079
#8 Gauge Zinc-plated Steel Guard With Reflector	1156	130112-0085
12V, 75W Bulb	1652-12	130191-0031
In-Line Transformer Cover	1676	130112-0132
In-Line Transformer	1675-12	130112-0131

Handlamps

Wet Location

Low Voltage

Spotlights

30W, 100W



Features and Benefits

- NEMA 4X rating provides assurance for safe operation in wet locations
- Low-voltage designs provide an added level of safety in wet or conductive environments. The transformer must remain outside of the conductive location.

Reference Information

UL File No.: E59049

CSA File No.: LR85374 (except switched versions and 1647-12)



Electrical

Bulb: All fixtures supplied with 12V, PAR36 bulb

Physical

Bulb Size: PAR36

Construction: Rubber handles

Cord Length:

Primary (for in-line transformer)—10'

Secondary—50'

Environmental

NEMA 4X

Switch	Primary Fixture Voltage	Secondary Fixture Voltage	Lamp Wattage	Candle Power	Beam Spread	Primary Cord Type	Secondary Cord Type	NEMA Configuration	Transformer Type	Woodhead No.	Order No.
No	12V		30W	50000	6° × 5°		16/2 S00W	N/A	Battery clips	1606	130105-0032
	12V AC		30W	50000	6° × 5°		14/2 S00W	Non-NEMA	Workstation	1647-12	130105-0057
	120V AC 60 Hz	12V AC	100W	60000	14° × 6°	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1691-12B	130105-0064
	120V AC 60 Hz	12V AC	30W	50000	6° × 5°	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1610	130105-0033
Yes	120V AC 60 Hz	12V AC	100W	60000	14° × 6°	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1691-12B5	130105-0065
	120V AC 60 Hz	12V AC	30W	50000	6° × 5°	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1610S	130105-0034
	220V AC 60 Hz	12V AC	30W	50000	6° × 5°	16/3 S00W	14/2 S00W	NEMA 6-15	In-line	1684S	130105-0062

Replacement Parts

Description	Woodhead No.	Order No.
Guard, Vinyl Coated	1668	130112-0130
Handle Assembly with Guard, No Switch	1660	130112-0128
Handle Assembly with Guard, With Switch	1660S	130112-0129

Handlamps

Wet Location

Low Voltage

Floodlights

35W, 60W



Features and Benefits

- NEMA 4X rating provides assurance for safe operation in wet locations
- Low-voltage designs provide an added level of safety in wet or conductive environments. The transformer must remain outside of the conductive location.

Reference Information

UL File No.: E59049

CSA File No.: LR85374 (except switched versions and 1638-12)



Electrical

Bulb: All fixtures supplied with 12V, PAR36 bulb

Physical

Bulb Size: PAR36

Construction: Rubber handles

Cord Length:

Primary (for in-line transformer)—10'

Secondary—50'

Beam Spread: 110°

Environmental

NEMA 4X

Switch	Primary Fixture Voltage	Secondary Fixture Voltage	Lamp Wattage	Primary Cord Type	Secondary Cord Type	NEMA Configuration	Transformer Type	Woodhead No.	Order No.
No	12V AC		60W		14/2 S00W	Non-NEMA	Workstation	1638-12	130105-0048
	120V AC 60 Hz	12V AC	35W	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1612	130105-0035
	120V AC 60 Hz	12V AC	60W	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1692-12B	130105-0066
Yes	120V AC 60 Hz	12V AC	35W	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1612S	130105-0036
	120V AC 60 Hz	12V AC	60W	16/3 S00W	14/2 S00W	NEMA 5-15	In-line	1692-12B5	130105-0067

Replacement Parts

Description	Woodhead No.	Order No.
Guard, Vinyl Coated	1668	130112-0130
Handle Assembly with Guard, No Switch	1660	130112-0128
Handle Assembly with Guard, With Switch	1660S	130112-0129