sollos®

LANDSCAPE LIGHTING

A Halco Lighting Technologies Company

THE ART OF OUTDOOR ILLUMINATION

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The Art of Outdoor Illumination

Sollos Landscape Lighting offers a complete line of fixtures and finishes that enhance gardens, landscapes and outdoor settings. Surroundings are enriched by the subtle curves and organic feel of natural metal and architectural aluminum finishes. Dynamic fixture functionality provides safety, security and quality illumination.

Superior thermal management allows Sollos fixtures to operate both halogen and LED lamp technologies. Sollos fixtures powered by energy efficient Halco ProLED lamps provide consistent, reliable light output.

Sollos Landscape Lighting combines aesthetic styling and ProLED power for today's landscapes.

Why Choose Sollos?

Sollos Landscape Lighting was born out of an unmet need in the marketplace for a line of architectural fixtures designed to operate retrofit LED lamps. As a Halco Lighting Technologies Company, Sollos leveraged Halco's lamp expertise to be the first to market with a full line of landscape lighting fixtures designed to operate with both traditional and advanced technology retrofit lamps. The Sollos design methodology centers around form, function and efficiency.

Sollos & Halco ProLED Advantage

When powered by ProLED lamps, Sollos fixtures provide sustainable, high performance and quality LED illumination.

Powered by ProLED

ProLED lamps are constructed with LED chips, integrated drivers and transformers. ProLED lamps utilize a special heat sink to safely drive the components and achieve a long lifespan.
The input voltage range of ProLED lamps eliminate voltage drop, which is a common hurdle with traditional lamp technologies. ProLED lamps perform to specification at every input voltage within their voltage range.

For applications that normally require that the lamp is protected from the elements, Halco offers ingress protection (IP) rated ProLED lamps.

Rigorous adherence to design and manufacturing specifications ensures consistent lamp-to-lamp color, light output and beam spreads. ProLED lamps are available in a variety of color temperatures and color-changing red-green-blue (RGB).
LM-79 and IES files are available for all ProLED lamps upon request.

Strongest Lamp Warranty

When installed in a Sollos fixture in recommended conditions and packaging warnings are followed, ProLED MR16 and IP65-rated JC lamps are backed by a 20-year limited warranty, the strongest lamp warranty in the industry. When installed in other fixtures, these lamps are backed by a 5-year Limited Warranty. ProLED 912 lamps and non-IP65-rated JC lamps are backed by a 2-year Limited Warranty.

Think Lumens!

Efficient lighting technologies such as LED lamps produce comparable light output while consuming considerably less energy than traditional light sources. When evaluating replacement lamps, refer to lamps' light output, which is measured in lumens, rather than wattage. Lamps with relatively equivalent lumens and CBCP will provide similar illumination. So think lumens for light output and use lamp wattage to determine energy savings.

Up & Accent Lights

Elevated socket for
convenient lamp access

Dual silicone o-rings provide
a low friction, watertight seal

Shock and heat-resistant
clear tempered glass lens

Tool-less lamp replacement.
Straight, Modern and Aluminum
Contemporary Bullet housing is
secured with slotted thumbscrew

Fully adjustable swivel arm with locking
teeth maintains desired lighting angle

Locking nut allows fixture to be attached
to mounting stake with minimal rotation

BCB065-AB

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Contemporary, Straight & Modern Bullet

Mix and Match Bullet Light Ordering

Sollos Bullet Lights are supplied with an 8" ground stake. To order with lamp, please provide the lamp part number (indicated below) with the fixture order code from the following pages.

1 Select the Fixture:

| Contemporary Bullet | Straight Bullet | Modern Bullet |

2 Select the Finish:

Antique Brass   Copper   Textured Black

Stainless Steel   Textured Bronze

3 Select the Light Output Equivalent:

MR16FL4/827/LED   MR16BAB/827/LED   MR16NFL10/827/LED   MR16WFL10/827/LED

For the complete ProLED offering of lamps see page 16.

Up & Accent Lights

Contemporary Bullet

Contemporary design with minimal footprint to deliver superior illumination for accenting landscape features. Cast Brass or Aluminum housing for additional architectural appeal with Antique Brass, Textured Black, and Textured Bronze finishes for diverse settings.

BCB065

Housing	Cast Brass or Architectural Aluminum
Lens	Clear Tempered Glass
Stem/Knuckle	Cast Brass or Architectural Aluminum
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (50W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Antique Brass	BCB065-AB
Textured Black	BCB065-TB
Textured Bronze	BCB065-TZ

BCB065-AB

Antique Brass

Textured Black

Textured Bronze

6.5"
165.1mm

2.1"
53.34mm

2.4"
60.96mm
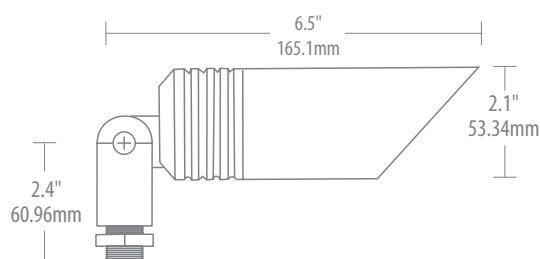
Recommended Lamps

Part Number	81055	81059	81064	81069
Product Code	MR16NFL10/827/LED	MR16BBF/827/LED	MR16FRA/827/LED	MR16EXZ/827/LED
Watts	2.5	4	4.5	8
Color Temp	2700k	2700k	2700k	2700k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see page 16.

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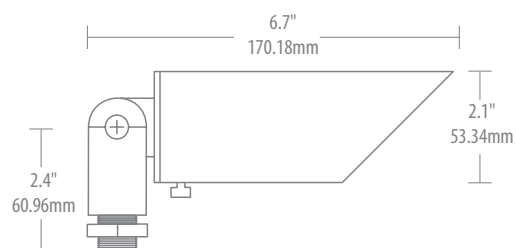
Up & Accent Lights
Straight Bullet

Slender design with minimal footprint to deliver superior illumination for accenting landscape features. Cast Brass, Natural Copper, or Stainless Steel housing for additional architectural appeal with Antique Brass, Copper, and Stainless Steel finishes for diverse settings.

BSB067

Housing	Cast Brass, Natural Copper or Stainless Steel
Lens	Clear Tempered Glass
Stem/Knuckle	Cast Brass
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (50W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Antique Brass	BSB067-AB
Copper	BSB067-CU
Stainless Steel	BSB067-SS

BSB067-AB

Antique Brass

Copper

Stainless Steel

6.7"
170.18mm

2.1"
53.34mm

2.4"
60.96mm

Recommended Lamps

Part Number	81056	81060	81065	81070
Product Code	MR16FL10/827/LED	MR16BAB/827/LED	MR16FMW/827/LED	MR16EXN/827/LED
Watts	2.5	4	4.5	8
Color Temp	2700k	2700k	2700k	2700k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see page 16.

Up & Accent Lights

Straight Bullet

Modern design with minimal footprint to deliver superior illumination for accenting landscape features. Aluminum housing for additional architectural appeal with Textured Black and Textured Bronze finishes for diverse settings.

BSB060

Housing	Architectural Aluminum
Lens	Clear Tempered Glass
Stem/Knuckle	Architectural Aluminum
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (50W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Textured Black	BSB060-TB
Textured Bronze	BSB060-TZ

Textured Black

Textured Bronze

BSB060-TB

7.2"
182.88mm

2.2"
55.88mm

2.4"
60.96mm
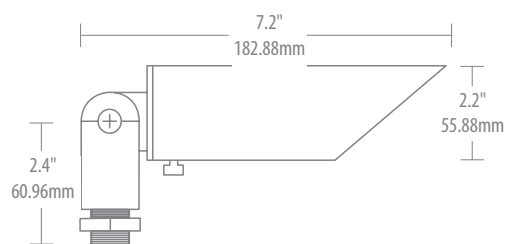
Recommended Lamps

Part Number	81077	81062	81067	81072
Product Code	MR16FL10/830/LED	MR16BAB/830/LED	MR16FMW/830/LED	MR16EXN/830/LED
Watts	2.5	4	4.5	8
Color Temp	3000k	3000k	3000k	3000k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see page 16.

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Up & Accent Lights

Straight Bullet

Modern design with minimal footprint to deliver superior illumination for accenting landscape features. Aluminum housing for additional architectural appeal with Textured Black and Textured Bronze finishes for diverse settings.

BSB062

Housing	Architectural Aluminum, Cast Brass, Natural Copper or Stainless Steel
Lens	Clear Tempered Glass
Stem/Knuckle	Architectural Aluminum or Cast Brass
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (35W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Textured Black	BSB062-TB
Textured Bronze	BSB062-TZ

BSB062-TB

Textured Black

Textured Bronze

6.2"
157.48mm

2.2"
55.88mm

2.4"
60.96mm

Recommended Lamps

Part Number	81057	81061	81066	81071
Product Code	MR16WFL10/827/LED	MR16WFL20/827/LED	MR16WFL35/827/LED	MR16FNV/827/LED
Watts	2.5	4	4.5	8
Color Temp	2700k	2700k	2700k	2700k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see page 16.

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Up & Accent Lights
Straight Bullet

Sleek design with minimal footprint to deliver superior illumination for accenting landscape features. Cast Brass or Natural Copper housing for additional architectural appeal with Antique Brass and Copper finishes for diverse settings.

BSB054

Housing	Cast Brass or Natural Copper
Lens	Clear Tempered Glass
Stem/Knuckle	Cast Brass
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR11 (35W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Antique Brass	BSB054-AB
Copper	BSB054-CU

BSB054-CU

Antique Brass

Copper

5.4"
137.16mm

1.4"
35.56mm

2.4"
60.96mm
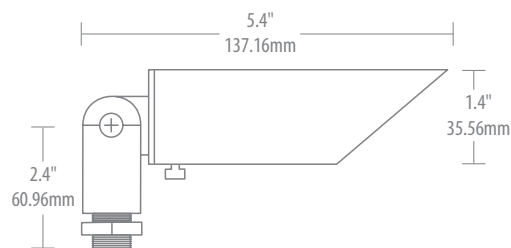
Recommended Lamps

Part Number	81093	81095	81096
Product Code	MR11FTD/827/LED	MR11FTD/850/LED	MR11FTC/827/LED
Watts	3	3	3
Color Temp	2700k	5000k	2700k
Replacement Watt	20	20	20

For the complete ProLED offering of lamps see page 16.

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Up & Accent Lights
Modern Bullet

Modern design with minimal footprint to deliver superior illumination for accenting landscape features. Aluminum housing for additional architectural appeal with Textured Black and Textured Bronze finishes for diverse settings.

BMB062

Housing	Architectural Aluminum
Lens	Clear Tempered Glass
Stem/Knuckle	Architectural Aluminum
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (50W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Textured Black	BMB062-TB
Textured Bronze	BMB062-TZ

Textured Black

Textured Bronze

BMB062-TB

6.2"
157.48mm

2.4"
60.96mm

2.6"
66.04mm
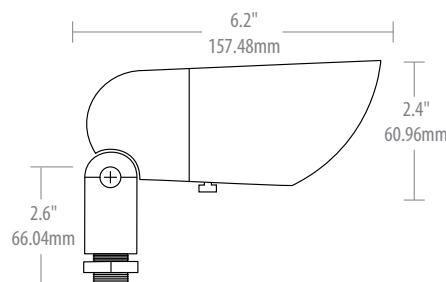
Recommended Lamps

Part Number	81079	81081	81083	81085
Product Code	MR16NFL10/830/LED	MR16BBF/830/LED	MR16FRA/830/LED	MR16EXZ/830/LED
Watts	2.5	4	4.5	8
Color Temp	3000k	3000k	3000k	3000k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see page 16.

Up & Accent Lights
Flood Light

Contemporary design with a highly efficient reflector to deliver superior illumination for accenting landscape features. Aluminum or Cast brass housing for additional architectural appeal with Antique Brass, Textured Black, and Textured Bronze finishes for diverse settings.

Housing	Cast Brass or Architectural Aluminum
Lens	Clear Tempered Glass
Stem/Knuckle	Cast Brass or Architectural Aluminum
Wiring	3 ft. 18-2 Lead Wire
Lamp	T4 Bi-Pin (50W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

Antique Brass	FRF058-AB
Textured Black	FRF058-TB
Textured Bronze	FRF058-TZ

Lamp shown not included.

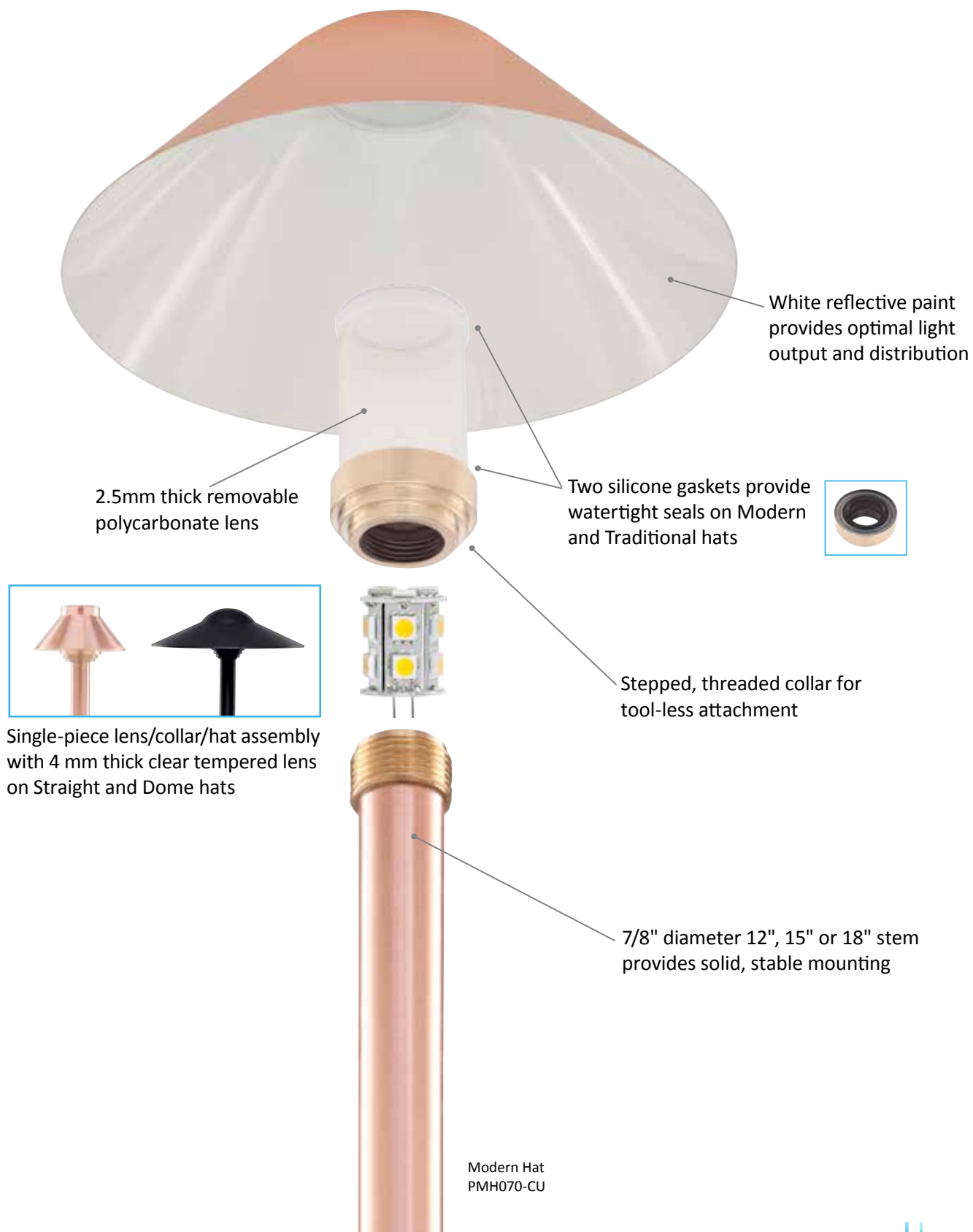FRF058-AB

Antique Brass

Textured Bronze

Textured Black

4.2"
106.68mm

5.8"
147.32mm
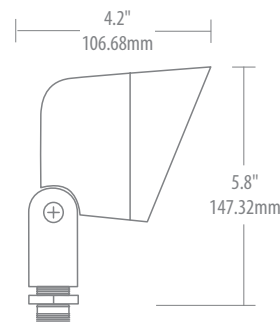
Recommended Lamps

Part Number	81997	80830	80690	80693
Product Code	JC50/5WW/LED	JC35/4WW/LED	JC20/2WW/LED	JC10/1WW/LED
Watts	5.5	4.5	2.4	1.5
Color Temp	3000k	3000k	3000k	3000k
Replacement Watt	50	35	20	10

For the complete ProLED offering of lamps see page 16.

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Lamp Guide

Contemporary Bullet	6.5"	995502	BCB065-AB	Antique Brass	MR16NFL10/827/LED - 81055 MR16NFL10/830/LED - 81079 MR16FL10/827/LED - 81056 MR16FL10/830/LED - 81077 MR16FL10/850/LED - 81058 MR16WFL10/827/LED - 81057 MR16WFL10/830/LED - 81080 MR16NFL4/827/LED - 81103 MR16FL4/827/LED - 81098 MR16WFL4/827/LED - 81099 MR16BBF/827/LED - 81059 MR16BBF/830/LED - 81081 MR16BAB/827/LED - 81060 MR16BAB/830/LED - 81062 MR16BAB/850/LED - 81063 MR16WFL20/827/LED - 81061 MR16WFL20/830/LED - 81082 MR16FRA/827/LED - 81064 MR16FRA/830/LED - 81083 MR16FMW/827/LED - 81065 MR16FMW/830/LED - 81067 MR16FMW/850/LED - 81068 MR16WFL35/827/LED - 81066 MR16WFL35/830/LED - 81084 MR16EXZ/827/LED - 81069 MR16EXZ/830/LED - 81085 MR16EXN/827/LED - 81070 MR16EXN/830/LED - 81072 MR16EXN/850/LED - 81073 MR16FNV/827/LED - 81071 MR16FNV/830/LED - 81086 MR16/5RGB/FL/LED - 80728
		995506	BCB065-TB	Textured Black	
		995314	BCB065-TZ	Textured Bronze	
Modern Bullet	6.2"	995100	BMB062-TB	Textured Black	
		995104	BMB062-TZ	Textured Bronze	
Straight Bullet	6.7"	995532	BSB067-AB	Antique Brass	
		995534	BSB067-CU	Copper	
		995536	BSB067-SS	Stainless Steel	
	7.2"	995300	BSB060-TB	Textured Black	
		995304	BSB060-TZ	Textured Bronze	
	6.2"	995310	BSB062-TB	Textured Black	
		995314	BSB062-TZ	Textured Bronze	
Straight Bullet	5.4"	995362	BSB054-AB	Antique Brass	MR11FTD/827/LED - 81093 MR11FTD/850/LED - 81095 MR11FTC/827/LED - 81096
		995364	BSB054-CU	Copper	
Flood Light	4.2"	995406	FRF058-AB	Antique Brass	JC10/1WW/LED - 80693 JC2/827/LED - 80833 JC20/2WW/LED - 80690 JC20/2NW/LED - 80815 JC35/4WW/LED - 80830 JC50/5WW/LED - 81997 JC1/830/OMNI/IP65/LED - 81998 JC2/830/OMNI/IP65/LED - 81999
		923006	FRF058-TB	Textured Black	
		923008	FRF058-TZ	Textured Bronze	

Path Lights

White reflective paint provides optimal light output and distribution

2.5mm thick removable polycarbonate lens

Two silicone gaskets provide watertight seals on Modern and Traditional hats

Single-piece lens/collar/hat assembly with 4 mm thick clear tempered lens on Straight and Dome hats

Stepped, threaded collar for tool-less attachment

7/8" diameter 12", 15" or 18" stem provides solid, stable mounting

Modern Hat
PMH070-CU

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Modern, Traditional, Straight & Dome Hats

Mix and Match Path Light Ordering

Sollos Path Light kits include a hat, stem, 8" ground stake, and lamp. All Sollos Path Lights are supplied with a Halco JC20 halogen lamp unless another lamp model is specified.

1 Select the Hat:

Modern Hat   Traditional Hat   Straight Hat   Dome Hat   Mushroom
                                                                                     (Stem Included)

2 Select the Stem Height:

☐ 12"   ☐ 15"   ☐ 18"

3 Select the Finish:

⬤ Antique Brass   ⬤ Copper   ⬤ Textured Black

⬤ Stainless Steel   ⬤ Textured Bronze

4 Select the Light Output Equivalent:

JC1/830/OMNI/IP65/LED   JC2/830/OMNI/IP65/LED   JC10/1WW/LED   JC20/2WW/LED   JC2/827/LED2   JC2S/830/LED2

Example: To order an Antique Brass 5.5" Traditional Hat with 15" Stem and Halco ProLED JC20/2WW/LED Lamp, the order code would be **PTH055-AB-15-JC20/2WW/LED**

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Path Lights
Modern Hat

Modern design that delivers safe and uniform illumination for your outdoor pathways. Antique Brass or Natural Copper housings for additional architectural appeal.

Antique Brass

Copper

PMH070-AB-18
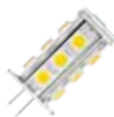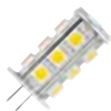
Recommended Lamps

Part Number	80693	80690	81091	81998
Product Code	JC10/1WW/LED	JC20/2WW/LED	JC2S/827/LED2	JC1/830/OMNI/IP65/LED
Watts	1.5	2.4	1.4	1.2
Color Temp	3000k	3000k	2700k	3000
Replacement Watt	10	20	20	20

For the complete ProLED offering of lamps see pages 27-28.

Dimensions

5"
127mm

2.25" (57.15mm)

12" stem 14.63" (371.602mm)
15" stem 17.63" (447.802mm)
18" stem 20.63" (524.002mm)

5" Modern Hat

7"
177.8mm

3" (76.2mm)

12" stem 15.38" (390.652mm)
15" stem 18.38" (466.852mm)
18" stem 21.38" (543.052mm)

7" Modern Hat
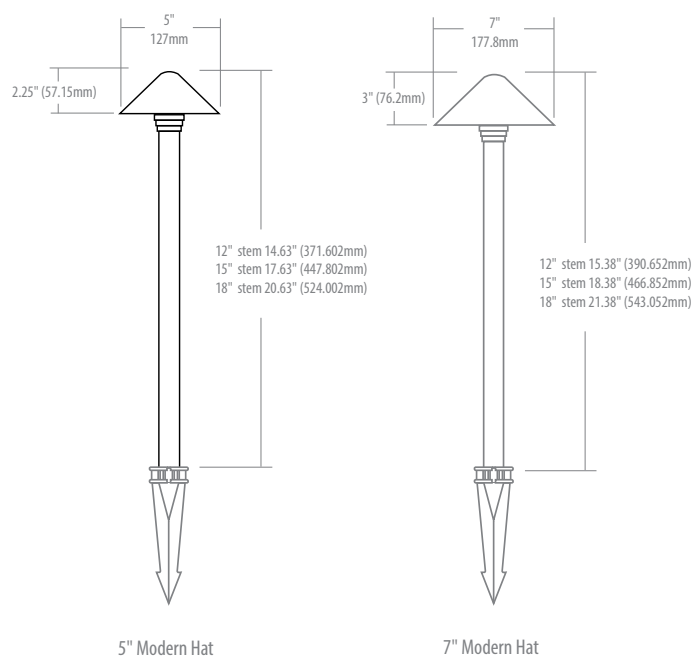
PMH

Housing	Antique Brass or Natural Copper
Lens	Clear Polycarbonate with Dual Silicone Gaskets
Collar	Brass
Stem Options	12", 15" and 18"
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes	5" Diameter	7" Diameter
12" Stem		
Antique Brass	PMH050-AB-12	PMH070-AB-12
Copper	PMH050-CU-12	PMH070-CU-12
15" Stem		
Antique Brass	PMH050-AB-15	PMH070-AB-15
Copper	PMH050-CU-15	PMH070-CU-15
18" Stem		
Antique Brass	PMH050-AB-18	PMH070-AB-18
Copper	PMH050-CU-18	PMH070-CU-18

Example: To order a Copper 5" Modern Hat with 18" Stem and Halco ProLED JC20/2WW/LED Lamp, the order code would be **PMH050-CU-18-JC20/2WW/LED**

Path Lights

Traditional Hat

Traditional design that delivers safe and uniform illumination for your outdoor pathways. Antique Brass, Natural Copper, or Stainless Steel housings for additional architectural appeal.
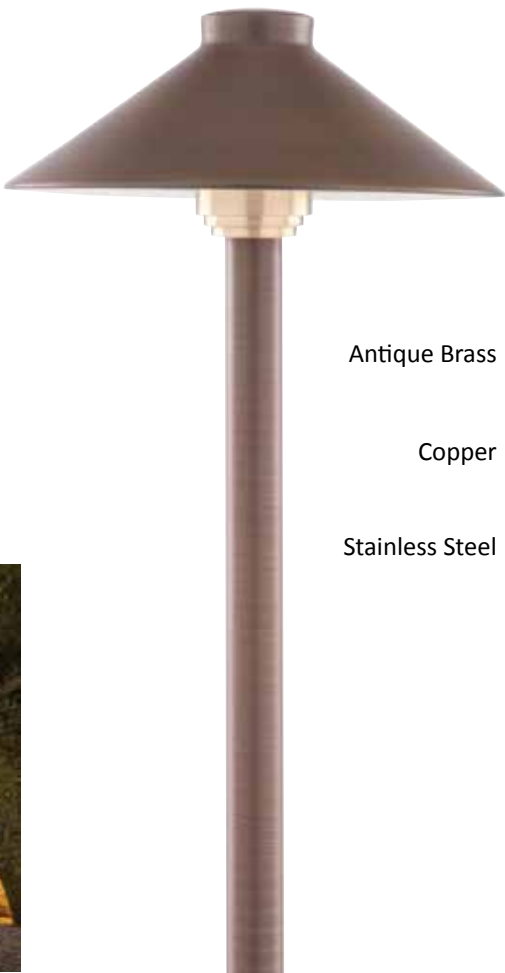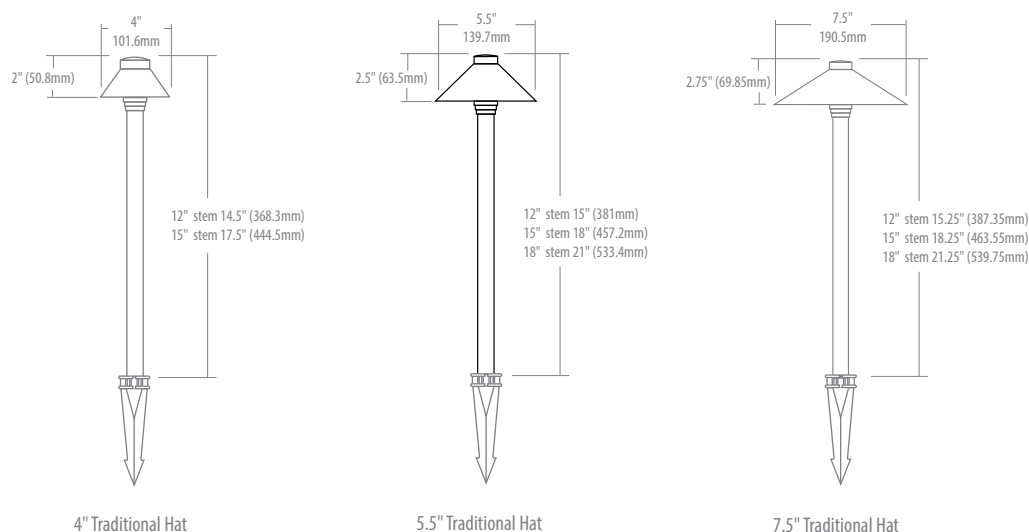
Antique Brass

Copper

Stainless Steel

PTH075-AB-15

Recommended Lamps

Part Number	80693	80690	80833	81998
Product Code	JC10/1WW/LED	JC20/2WW/LED	JC2/827/LED	JC1/830/OMNI/IP65/LED
Watts	1.5	2.4	2.4	1.2
Color Temp	3000k	3000k	2700k	3000
Replacement Watt	10	20	20	10

For the complete ProLED offering of lamps see pages 27-28.

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Dimensions

4"	5.5"	7.5"
101.6mm	139.7mm	190.5mm

2" (50.8mm)
12" stem 14.5" (368.3mm)
15" stem 17.5" (444.5mm)

2.5" (63.5mm)
12" stem 15" (381mm)
15" stem 18" (457.2mm)
18" stem 21" (533.4mm)

2.75" (69.85mm)
12" stem 15.25" (387.35mm)
15" stem 18.25" (463.55mm)
18" stem 21.25" (539.75mm)

4" Traditional Hat   5.5" Traditional Hat   7.5" Traditional Hat

PTH

Housing	Natural Copper, Antique Brass or Stainless Steel
Lens	Clear Polycarbonate with Dual Silicone Gaskets
Collar	Brass
Stem Options	12", 15" and 18"
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes	4" Diameter	5.5" Diameter	7.5" Diameter
12" Stem			
Antique Brass	PTH040-AB-12	PTH055-AB-12	PTH075-AB-12
Copper	PTH040-CU-12		
Stainless Steel		PTH055-SS-12	
15" Stem			
Antique Brass	PTH040-AB-15	PTH055-AB-15	PTH075-AB-15
Copper	PTH040-CU-15	PTH055-CU-15	PTH075-CU-15
Stainless Steel		PTH055-SS-15	PTH075-SS-15
18" Stem			
Antique Brass		PTH055-AB-18	PTH075-AB-18
Copper		PTH055-CU-18	PTH075-CU-18
Stainless Steel		PTH055-SS-18	PTH075-SS-18

Example: To order a Antique Brass 5.5" Traditional Hat with 12" Stem and Halco ProLED JC20/2WW/LED Lamp, the order code would be PTH055-AB-12-JC20/2WW/LED

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Path Lights

Straight Hat

Traditional design that delivers safe and uniform illumination for your outdoor pathways. Textured Black or Bronze housings for additional architectural appeal.
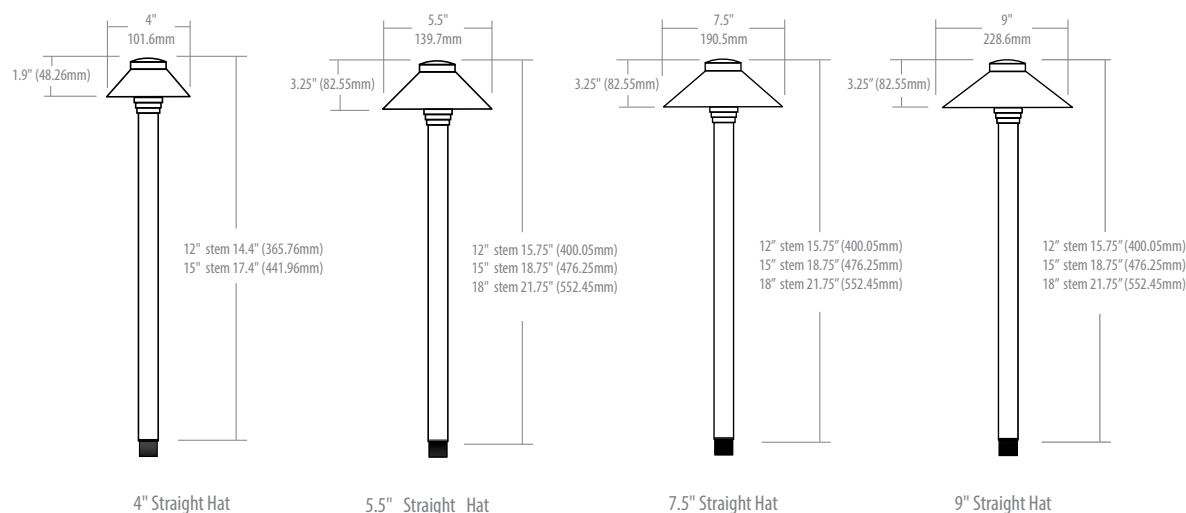
Textured Black

Textured Bronze

PSH040-TB-15

Recommended Lamps
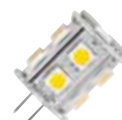
Part Number	81091	81092	80693	81998
Product Code	JC2S/827/LED2	JC2S/830/LED2	JC10/1WW/LED	JC1/830/OMNI/IP65/LED
Watts	1.4	1.4	1.5	1.2
Color Temp	2700k	3000k	3000k	3000
Replacement Watt	20	20	10	10

For the complete ProLED offering of lamps see pages 27-28.

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Dimensions

4" Straight Hat

5.5" Straight Hat

7.5" Straight Hat

9" Straight Hat

PSH

Housing	Architectural Aluminum
Lens	Clear Tempered Glass
Collar	Architectural Aluminum
Stem Options	12", 15" and 18"
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes	4" Diameter	5.5" Diameter	7.5" Diameter	9" Diameter
12" Stem				
Textured Bronze	PSH040-TZ-12	PSH055-TZ-12	PSH075-TZ-12	PSH090-TZ-12
Textured Black	PSH040-TB-12	PSH055-TB-12	PSH075-TB-12	PSH090-TB-12
15" Stem				
Textured Bronze	PSH040-TZ-15	PSH055-TZ-15	PSH075-TZ-15	PSH090-TZ-15
Textured Black	PSH040-TB-15	PSH055-TB-15	PSH075-TB-15	PSH090-TB-15
18" Stem				
Textured Bronze		PSH055-TZ-18	PSH075-TZ-18	PSH090-TZ-18
Textured Black		PSH055-TB-18	PSH075-TB-18	PSH090-TB-18

Example: To order a Textured Black 9" Straight Hat with 15" Stem and Halco ProLED
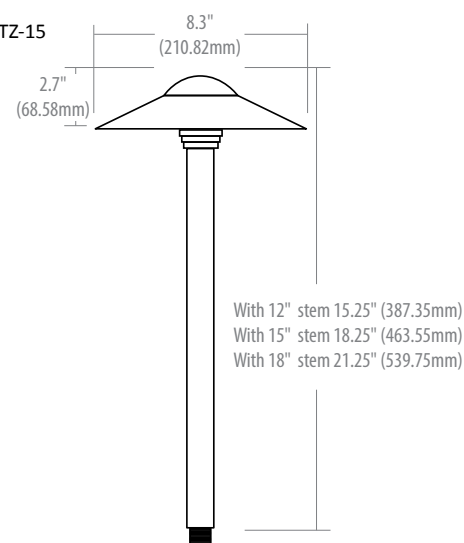JC20/2WW/LED Lamp, the order code would be **PSH090-TB-15-JC20/2WW/LED**

Path Lights
Dome Hat

Architectural design that delivers safe and uniform illumination for your outdoor pathways. Textured Black or Bronze housings for additional architectural appeal.

Housing	Architectural Aluminum
Lens	Clear Tempered Glass
Collar	Architectural Aluminum
Stem Options	12", 15" and 18"
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

12" Stem	
Textured Black	PDO083-TB-12
Textured Bronze	PDO083-TZ-12
15" Stem	
Textured Black	PDO083-TB-15
Textured Bronze	PDO083-TZ-15
18" Stem	
Textured Black	PDO083-TB-18
Textured Bronze	PDO083-TZ-18

Example: To order a Textured Bronze 8.3" Dome Hat with 18" Stem and Halco ProLED JC20/2WW/LED Lamp, the order code would be **PDO083-TZ-18-JC20/2WW/LED**

Textured Black

Textured Bronze

PDO083-TZ-15

8.3"
(210.82mm)

2.7"
(68.58mm)

With 12" stem 15.25" (387.35mm)
With 15" stem 18.25" (463.55mm)
With 18" stem 21.25" (539.75mm)

Recommended Lamps

Part Number	81108	80693	81998	81091
Product Code	JC20/2WW/LED2	JC10/1WW/LED	JC1/830/OMNI/IP65/LED	JC2S/827/LED2
Watts	2.3	1.5	1.2	1.4
Color Temp	3000k	3000k	3000	2700k
Replacement Watt	20	10	10	20

For the complete ProLED offering of lamps see pages 27-28.

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LANDSCAPE LIGHTING

Path Lights
Mushroom Hat

Architectural design that delivers safe and uniform illumination for your outdoor pathways. Textured Black or Bronze housings for additional architectural appeal.

PMU

Housing	Architectural Aluminum
Lens	Clear Tempered Glass with Dual Silicone Gaskets
Stem Options	15" Included
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)
Mounting Accessory	8" Ground Stake Included

Order Codes

15" Stem	
Textured Black	PMU050-TB-15
Textured Bronze	PMU050-TZ-15

Example: To order a Textured Black 5" Mushroom with Halco ProLED JC20/2WW/LED Lamp, the order code would be **PMU050-TB-15-JC20/2WW/LED**

Textured Black

Textured Bronze

PMU050-TB-15

5"
127mm

1.8" (45.72mm)

14.5"
368.3mm

Recommended Lamps

Part Number	80693	80690	81091	81998
Product Code	JC10/1WW/LED	JC20/2WW/LED	JC2S/827/LED2	JC1/830/OMNI/IP65/LED
Watts	1.5	2.4	1.4	1.2
Color Temp	3000k	3000k	2700k	3000
Replacement Watt	10	20	20	10

For the complete ProLED offering of lamps see pages 27-28.

Lamp Guide

Style	Size	Item #	Product Code	Finish		LED Lamp Product Code
Modern Hat	5"	915200	PMH050-AB-12	Antique Brass		
	5"	915202	PMH050-CU-12	Copper		
	5"	915203	PMH050-AB-15	Antique Brass		
	5"	915205	PMH050-CU-15	Copper		
	5"	915206	PMH050-AB-18	Antique Brass		
	5"	915208	PMH050-CU-18	Copper		
	5"	915254	PMH070-AB-12	Antique Brass		C10/1WW/LED - 80693
	5"	915256	PMH070-CU-12	Copper		
	5"	915257	PMH070-AB-15	Antique Brass		JC2/827/LED - 80833
	5"	915259	PMH070-CU-15	Copper		JC20/2WW/LED - 80690
	5"	915260	PMH070-AB-18	Antique Brass		JC20/2NW/LED - 80815
	5"	915262	PMH070-CU-18	Copper		
Traditional Hat	4"	915400	PTH040-AB-12	Antique Brass		JC35/4WW/LED - 80830
	4"	915402	PTH040-CU-12	Copper		
	4"	915403	PTH040-AB-15	Antique Brass		JC2S/827/LED2 - 81091
	4"	915405	PTH040-CU-15	Copper		JC2S/830/LED2 - 81092
	5.5"	915454	PTH055-AB-12	Antique Brass		JC2/827/LED2 - 81109
	5.5"	915563	PTH055-SS-12	Stainless Steel		
	5.5"	915457	PTH055-AB-15	Antique Brass		JC20/2WW/LED2 - 81108
	5.5"	915459	PTH055-CU-15	Copper		JC1/830/OMNI/IP65/LED - 81998
	5.5"	915564	PTH055-SS-15	Stainless Steel		JC2/830/OMNI/IP65/LED - 81999
	5.5"	915460	PTH055-AB-18	Antique Brass		JC50/5WW/LED - 81997
	5.5"	915462	PTH055-CU-18	Copper		
	5.5"	915565	PTH055-SS-18	Stainless Steel		
	7.5"	915408	PTH075-CU-12	Copper		
	7.5"	915511	PTH075-AB-15	Antique Brass		
	7.5"	915513	PTH075-CU-15	Copper		
	7.5"	915566	PTH075-SS-15	Stainless Steel		
	7.5"	915514	PTH075-AB-18	Antique Brass		
	7.5"	915516	PTH075-CU-18	Copper		
	7.5"	915567	PTH075-SS-18	Stainless Steel		

Lamp Guide

Style	Size	Item #	Product Code	Finish	LED Lamp Product Code
Straight Hat	4"	913021	PSH040-TB-12	Textured Black	
	4"	913023	PSH040-TZ-12	Textured Bronze	
	4"	913028	PSH040-TB-15	Textured Black	
	4"	913030	PSH040-TZ-15	Textured Bronze	
	5.5"	910021	PSH055-TB-12	Textured Black	
	5.5"	910023	PSH055-TZ-12	Textured Bronze	
	5.5"	910028	PSH055-TB-15	Textured Black	
	5.5"	910030	PSH055-TZ-15	Textured Bronze	
	5.5"	910035	PSH055-TB-18	Textured Black	
	5.5"	910037	PSH055-TZ-18	Textured Bronze	
	7.5"	911021	PSH075-TB-12	Textured Black	JC10/1WW/LED - 80693
	7.5"	911023	PSH075-TZ-12	Textured Bronze	JC2/827/LED - 80833
	7.5"	911028	PSH075-TB-15	Textured Black	JC20/2WW/LED - 80690
	7.5"	911030	PSH075-TZ-15	Textured Bronze	JC20/2NW/LED - 80815
	7.5"	911035	PSH075-TB-18	Textured Black	JC35/4WW/LED - 80830
	7.5"	911037	PSH075-TZ-18	Textured Bronze	JC1/830/IP65/LED - 81104
	9"	914021	PSH090-TB-12	Textured Black	JC2/830/IP65/LED - 81107
	9"	914023	PSH090-TZ-12	Textured Bronze	JC2S/827/LED2 - 81091
	9"	914028	PSH090-TB-15	Textured Black	JC2S/830/LED2 - 81092
	9"	914030	PSH090-TZ-15	Textured Bronze	JC2/827/LED2 - 81109
	9"	914035	PSH090-TB-18	Textured Black	JC20/2WW/LED2 - 81108
	9"	914037	PSH090-TZ-18	Textured Bronze	JC1/830/OMNI/IP65/LED - 81998
Dome Hat	8.3"	915021	PDO083-TB-12	Textured Black	JC2/830/OMNI/IP65/LED - 81999
	8.3"	915023	PDO083-TZ-12	Textured Bronze	JC50/5WW/LED - 81997
	8.3"	915028	PDO083-TB-15	Textured Black	
	8.3"	915030	PDO083-TZ-15	Textured Bronze	
	8.3"	915035	PDO083-TB-18	Textured Black	
	8.3"	915037	PDO083-TZ-18	Textured Bronze	
Mushroom	5"	912003	PMU050-TB-15	Textured Black	
	5"	912005	PMU050-TZ-15	Textured Bronze	

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Hanging Lights

Pendant Lights

Traditional design that delivers uniform illumination to accentuate key hardscape features. Antique Brass, and Copper housings for additional architectural appeal.

Housing	Cast Brass or Natural Copper
Lens	Clear Tempered Glass
Base	Cast Brass
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (35W Max)
Mounting Accessory	6 ft. Stainless Steel Hanger Included

Order Codes

Antique Brass	HLS043-AB
Copper	HLS043-CU

HLS043-CU

Antique Brass   Copper

2.3"
58.42mm

4.3"
109.22mm

Recommended Lamps

Part Number	81057	81061	81066	81071
Product Code	MR16WFL10/827/LED	MR16WFL20/827/LED	MR16WFL35/827/LED	MR16FNV/827/LED
Watts	2.5	4	4.5	8
Color Temp	2700k	2700k	2700k	2700k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see pages 40-41.

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Ledge Lights

Low profile design that delivers uniform illumination to accentuate key hardscape features. Textured Black and Textured Bronze housings for additional architectural appeal.

LLA055/827/TB

LLA055

Housing	Architectural Aluminum
Lens	Shock and Heat-Resistant Frosted Tempered Glass
Wiring	10 ft. (3 m) 18-2 lead-wire
Lamp	0.6 Watt, 2700K LED

Order Codes

Textured Black	LLA055/827/TB
Textured Bronze	LLA055/827/TZ
Light Module	LLA055/827

LLA055/827
Replaceable Light Module

Textured Black

Textured Bronze

5.9"
150mm

0.91"
23.2mm

2.75"
70mm

2.75"
70mm

2.75"
70mm

1.77"
45mm
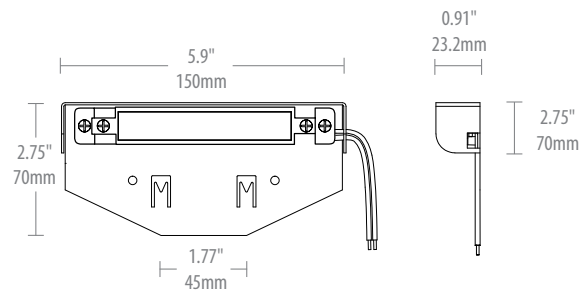
In-Ground Lights
Rock Guard

Durable construction to deliver high performance illumination for desired up light needs. Antique Brass, Composite Black, and Stainless Steel covers for additional architectural appeal.

IGG049-SS

IGG049

Housing	Single-Piece Compression Molded Polyester Composite
Lens	Shock and Heat-Resistant Clear Tempered Glass
Cover	Brass, Composite or Stainless Steel
Aiming	Adjustable Lamp Bracket Provides +/- 15° of Tilt
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (50W Max)

Order Codes

Antique Brass	IGG049-AB
Composite Black	IGG049-CB
Stainless Steel	IGG049-SS

Antique Brass   Composite Black

Stainless Steel

4.9"
124.46mm

4.9"
124.46mm

4.75"
120.65mm

3.5"
88.9mm

Recommended Lamps

Part Number	81056	81060	81065	81070
Product Code	MR16FL10/827/LED	MR16BAB/827/LED	MR16FMW/827/LED	MR16EXN/827/LED
Watts	2.5	4	4.5	8
Color Temp	2700k	2700k	2700k	2700k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see pages 40-41.

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In-Ground Lights

Trim Ring

Durable construction to deliver high performance illumination for desired up light needs. Antique Brass, Composite Black, and Stainless Steel covers for additional architectural appeal.

IGT049-AB

IGT049

Housing	Single-Piece Compression Molded Polyester Composite
Lens	Shock and Heat-Resistant Clear Tempered Glass
Cover	Composite or Stainless Steel
Aiming	Adjustable Lamp Bracket Provides +/- 15° of Tilt
Wiring	3 ft. 18-2 Lead Wire
Lamp	MR16 (50W Max)

Order Codes

Antique Brass	IGT049-AB
Composite Black	IGT049-CB
Stainless Steel	IGT049-SS

Antique Brass   Composite Black

Stainless Steel

4.9"
124.46mm

4.9"
124.46mm

4.75"
120.65mm

3.5"
88.9mm
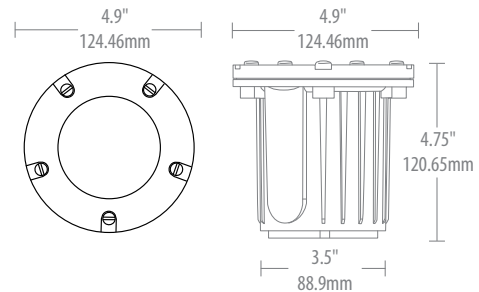
Recommended Lamps

Part Number	81058	81062	81067	81072
Product Code	MR16FL10/850/LED	MR16BAB/830/LED	MR16FMW/830/LED	MR16EXN/830/LED
Watts	2.5	4	4.5	8
Color Temp	5000k	3000k	3000k	3000k
Replacement Watt	10	20	35	50

For the complete ProLED offering of lamps see pages 40-41.

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In-Ground Lights
Well Light

Durable construction to deliver high performance illumination for desired up light needs. Composite Black housing to blend with surroundings.

WPO055

Housing	Composite Black ABS
Lamp Holder	Adjustable Height and Angle
Aiming	360° Lamp Rotation
Wiring	3 ft. 18-2 Lead Wire with Slip-on Connectors
Lamp	PAR36 (50W Max)

Order Codes

Well Light	WPO055-CB
Replacement Bracket	WPO055-BRACKET

WPO055-CB

Composite Black

5.5"
139.7mm

5.5"
139.7mm

7.9"
200.66mm

7.9"
200.66mm
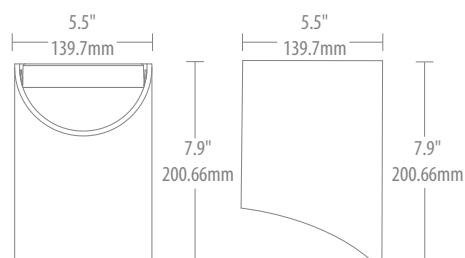
Recommended Lamps

Part Number	81074	81075	81076
Product Code	PAR36WFL4/827/IP67/LED	PAR36WFL6/827/IP67/LED	PAR36WFL12/827/IP67/LED
Watts	4.5	6.5	12.5
Color Temp	2700k	2700k	2700k
Replacement Watt	20	35	50

For the complete ProLED offering of lamps see pages 40-41.

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Step Lights
with Trim Faceplate

Low profile design that delivers uniform illumination to accentuate key hardscape features. Copper, Stainless Steel, Textured Black, and Textured Bronze faceplates for additional architectural appeal.

SBT048-TZ

|	
Housing	Die Cast Aluminum with Adjustable Mounting Brackets
Faceplate	Copper, Stainless Steel, or Architectural Grade Aluminum
Faceplate Mounting	Adjustable Nylon Mounts Correct Undesired Tilt
Lens	Shock and Heat-Resistant Frosted Tempered Glass
Aiming	Adjustable Socket for Proper Lamp Centering
Wiring	3 ft. 18/2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)

Copper

Textured Black

Textured Bronze

Order Codes

Copper	SBT048-CU
Textured Black	SBT048-TB
Textured Bronze	SBT048-TZ

4.8"
121.92mm

3.9"
99.06mm

2.6"
66.04mm
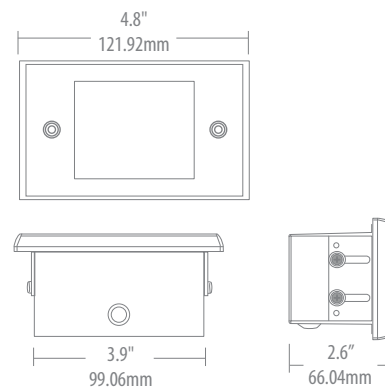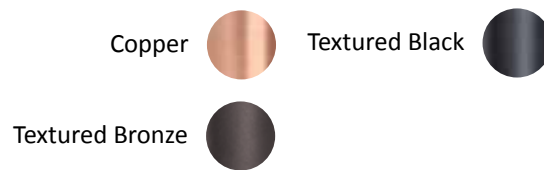
Recommended Lamps

Part Number	80693	80833	80690	81998
Product Code	JC10/1WW/LED	JC2/827/LED	JC20/2WW/LED	JC1/830/OMNI/IP65/LED
Watts	1.5	2.4	2.4	1.2
Color Temp	3000k	2700k	3000k	3000
Replacement Watt	10	20	20	10

For the complete ProLED offering of lamps see pages 40-41.

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Step Lights
with Louver Faceplate

Low profile design that delivers uniform illumination to accentuate key hardscape features. Textured Black, and Textured Bronze faceplates for additional architectural appeal.

SBL048-TZ

SBL048

Housing	Die Cast Aluminum with Adjustable Mounting Brackets
Faceplate	Architectural Grade or Aluminum
Faceplate Mounting	Adjustable Nylon Mounts Correct Undesired Tilt
Lens	Shock and Heat-Resistant Frosted Tempered Glass
Aiming	Adjustable Socket for Proper Lamp Centering
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (20W Max)

Order Codes

Textured Black	SBL048-TB
Textured Bronze	SBL048-TZ

Textured Black

Textured Bronze

4.8"
121.92mm

3.9"
99.06mm

2.6"
66.04mm
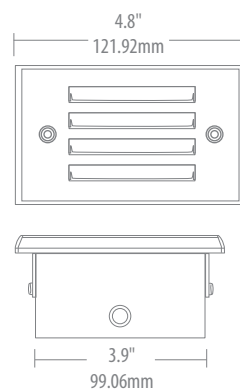
Recommended Lamps

Part Number	81091	80693	80815	81998
Product Code	JC2S/827/LED2	JC10/1WW?LED	JC20/2NW/LED	JC1/830/OMNI/IP65/LED
Watts	1.4	1.5	2.4	1.2
Color Temp	2700k	3000k	5000k	3000
Replacement Watt	20	10	20	10

For the complete ProLED offering of lamps see pages 40-41.

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Deck Lights
Post Lights

Traditional design that delivers uniform illumination to accentuate key hardscape features. Antique Brass, Textured Black, and Textured Bronze faceplates for additional architectural appeal.

DPL033-AB

DPL033

Housing	Die Cast Aluminum or Brass
Lens	Shock and Heat-Resistant Frosted Tempered Glass
Mounting	Surface Mounting Plate
Wiring	3 ft. 18-2 Lead Wire
Lamp	T3 Bi-Pin (10W Max Brass; 20W Max Aluminum)

Order Codes

Antique Brass	DPL033-AB
Textured Black	DPL033-TB
Textured Bronze	DPL033-TZ

Antique Brass

Textured Black

Textured Bronze

2"
50.8mm

3"
76.2mm

3"
76.2mm
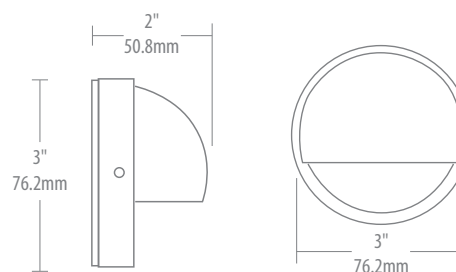
Recommended Lamps

Part Number	80693	80690	80833	81091
Product Code	JC10/1WW/LED	JC20/2WW/LED	JC2/827/LED	JC2S/827/LED2
Watts	1.5	2.4	2.4	1.4
Color Temp	3000k	3000k	2700k	2700k
Replacement Watt	10	20	20	20

For the complete ProLED offering of lamps see pages 40-41.

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Deck Lights
Under-Step Lights

Low profile design that delivers uniform illumination to accentuate key hardscape features. Antique Brass, Copper, and Stainless Steel faceplates for additional architectural appeal.

DUS120-CU

DUS060-CU

DUS060/DUS120

Housing	Die Cast Aluminum
Cover	Antique Brass, Natural Copper or Stainless Steel
Lens	Shock and Heat-Resistant Frosted Tempered Glass
Mounting	Optional Stainless Steel Mounting Plate for Hardscape Installations
Wiring	3 ft. 18-2 Lead Wire
Lamp	912 Wedge (20W Max) - DUS120 Operates Two Lamps

Order Codes	6" Length	12" Length
Antique Brass	DUS060-AB	
Copper	DUS060-CU	DUS120-CU
Stainless Steel	DUS060-SS	
Mounting Plate	MP06	MP12

Antique Brass

Copper

Stainless Steel

1"
25.4mm

12"
304.8mm

12" Deck Under-Step Light

6"
152.4mm

6" Deck Under-Step Light

Recommended Lamps

Part Number	80791	81102
Product Code	912/1WW/LED	912/1WW/LED2
Watts	1	1.2
Color Temp	3000k	3000k
Replacement Watt	10	10

For the complete ProLED offering of lamps see pages 40-41.

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LANDSCAPE LIGHTING

Lamp Guide

Style	Size	Item #	Product Code	Finish	LED Lamp Product Code
In-Ground w/Rock Guard		996232	IGG049-AB	Antique Brass	MR16NFL10/827/LED - 81055 MR16NFL10/830/LED - 81079 MR16FL10/827/LED - 81056 MR16FL10/830/LED - 81077
		996200	IGG049-CB	Composite Black	MR16FL10/850/LED - 81058 MR16WFL10/827/LED - 81057 MR16WFL10/830/LED - 81080 MR16NFL4/827/LED - 81103
		996234	IGG049-SS	Stainless Steel	MR16FL4/827/LED - 81098 MR16WFL4/827/LED - 81099 MR16BBF/827/LED - 81059 MR16BBF/830/LED - 81081
In-Ground w/Trim Ring		996132	IGT049-AB	Antique Brass	MR16BAB/827/LED - 81060 MR16BAB/830/LED - 81062 MR16BAB/850/LED - 81063 MR16WFL20/827/LED - 81061
		996100	IGT049-CB	Composite Black	MR16WFL20/830/LED - 81082 MR16FRA/827/LED - 81064 MR16FRA/830/LED - 81083 MR16FMW/827/LED - 81065
		996134	IGT049-SS	Stainless Steel	MR16FMW/830/LED - 81067 MR16FMW/850/LED - 81068 MR16WFL35/827/LED - 81066 MR16WFL35/830/LED - 81084 MR16EXZ/827/LED - 81069
Hanging Light		997402	HLS043-AB	Antique Brass	MR16EXZ/830/LED - 81085 MR16EXN/827/LED - 81070 MR16EXN/830/LED - 81072 MR16EXN/850/LED - 81073
		997404	HLS043-CU	Copper	MR16FNV/827/LED - 81071 MR16FNV/830/LED - 81086 MR16/5RGB/FL/LED - 80728
Well Light		996300	WPO055-CB	Composite Black	PAR36WFL4/827/IP67/LED - 81074 PAR36WFL6/827/IP67/LED - 81075 PAR36WFL12/827/IP67/LED - 81076

Lamp Guide

	Style	Size	Item #	Product Code	Finish		LED Lamp Product Code
	Step Light with Trim		942006	SBT048-CU	Copper		JC10/1WW/LED - 80693
			942004	SPT048-TB	Textured Black		
			942033	SPT048-TZ	Textured Bronze		JC2/827/LED - 80833
			942507	SBL048-SS	Stainless Steel		JC20/2WW/LED - 80690
			942504	SBL048-TB	Textured Black		JC20/2NW/LED - 80815
			942533	SBL048-TZ	Textured Bronze		JC35/4WW/LED - 80830
							JC1/830/IP65/LED - 81104
							JC2/830/IP65/LED - 81107
							JC2S/827/LED2 - 81091
							JC2S/830/LED2 - 81092
							JC2/827/LED2 - 81109
							JC20/2WW/LED2 - 81108
	Deck Post Light		997104	DPL033-AB	Antique Brass		JC1/830/OMNI/IP65/LED - 81998
			940002	DPL033-TB	Textured Black		JC2/830/OMNI/IP65/LED - 81199
			940003	DPL033-TZ	Textured Bronze		
	Deck Under-Step	6"	941002	DUS060-AB	Antique Brass		
			941000	DUS060-CU	Copper		
			941001	DUS060-SS	Stainless Steel		912/1WW/LED - 80791
		12″	941012	DUS120-CU	Copper		912/1WW/LED2 - 81102

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LANDSCAPE LIGHTING ®

DecoStrand™

Commercial Outdoor String Lights

Decorative accent strand lighting for indoor/outdoor use that accepts multiple lamp options including LED, incandescent, and specialty color.

DSL/52254M/3G-BK

Overall Length	52 ft.
Number of Sockets	25
Socket Type	Medium Base
Drop Distance	4 in.
Voltage	120V Only
Circuit	15A Capacity Circuit Typical
Maximum Lamp Wattage	50 Watts
Plug	3 — Prong Grounded Plug
Receptable	3 — Prong Grounded Receptable
Wiring	52 ft. 14-3 Wire Grounded
Lamp	Lamps Sold Separately

Order Codes

Strand Lighting	DSL/52254M/3G-BK

Lamp Wattage Range	Total System Watts	Total # of DecoStrands per Circuit*
40-50 Watts	1000 - 1250	1
17-25 Watts	425 - 625	2
13-16 Watts	325 - 400	3
11-12 Watts	275 - 300	4
9-10 Watts	225 - 250	5
8 Watts	200	6
7 Watts	175	7
6 Watts	150	8
5 Watts	125	9
4 Watts	100	10

*Circuit capacity based on typical 15 Amps system. Larger circuit sizes may be able to accomodate more Decostrand strings. Consult an Electrical Engineer for complete circuit load confirmation.

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LANDSCAPE LIGHTING®

solloslighting.com

DecoStrand™

Residential Outdoor String Lights

Decorative accent strand lighting for indoor/outdoor use that accepts multiple lamp options including LED, incandescent, and specialty color.
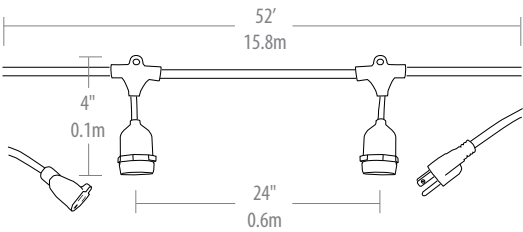
DSL/26124M/2G-BK

Overall Length	26 ft.
Number of Sockets	12
Socket Type	Medium Base
Drop Distance	4 in.
Voltage	120V Only
Circuit	15A
Maximum Lamp Wattage	25 Watts
Plug	2 — Prong Plug with 8A Fuses
Receptable	2 — Prong Receptable
Wiring	26 ft. 16-2 Wire
Lamp	Lamps Sold Separately

Order Codes

Strand Lighting	DSL/26124M/2G-BK

Lamp Wattage Range	Total System Watts	Total # of DecoStrands per Circuit*
13-25 Watts	156-300	1
9-12 Watts	108-144	2
7-8 Watts	84-96	3
6 Watts	72	4
5 Watts	60	5
4 Watts	48	6
3 Watts	36	8

*Circuit capacity based on typical 15 Amps system. Larger circuit sizes may be able to accomodate more Decostrand strings. Consult an Electrical Engineer for complete circuit load confirmation.

26'
7.9m

4"
0.1m

24"
0.6m

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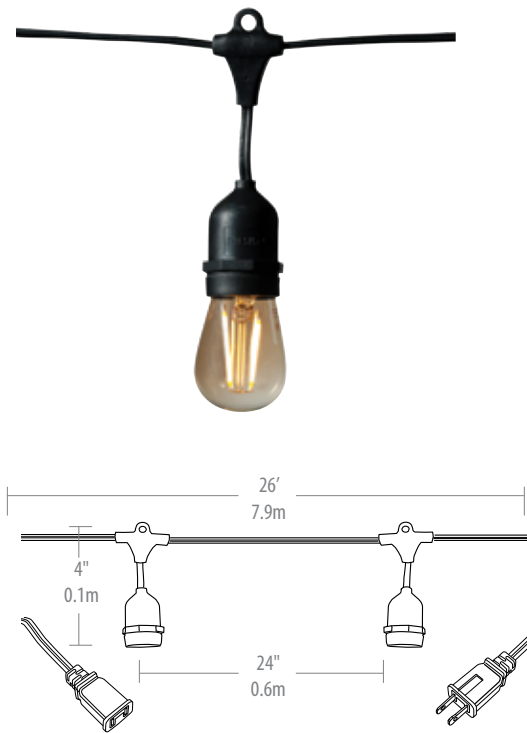
DecoStrand®

DecoStrand® Reflectors

Natural   Copper   Antique Brass

Part Number	99963	99604	99605
Product Code	DSL/FSTR-NF	DSL/FSTR-CU	DSL/FSTR-AB
Product Description	Natural Finish	Copper Finish	Antique Brass Finish

4" Textured Bronze   7.5" Textured Bronze

4" Textured Black   7.5" Textured Black

Part Number	99606	99607	99608	99609
Product Code	DSL/PSH040-TZ	DSL/PSH040-TB	DSL/PSH075-TZ	DSL/PSH075-TB
Product Description	4" Straight Hat Textured Bronze Finish	4" Straight Hat Textured Black Finish	7.5" Straight Hat Textured Bronze Finish	7.5" Straight Hat Textured Black Finish

Recommended Lamps

Part Number	82139*	82140*	81129**	81132**
Product Code	S14CL2ANT/827/LED2	S14AMB2ANT/822/LED2	A19AMB4ANT/722/LED	T19AMB5ANT/722/LED
Watts	2	2	4.5	5
Color Temp	2700K	2200K	2200K	2200K

For the complete ProLED offering of lamps see HalcoLighting.com

* Wet location listed.
** Damp location listed.
For the complete ProLED offering of lamps see HalcoLighting.com

Part Number	80522*	20006	9051	20002
Product Code	S14CL1C/827/LED	ST18ANT40	S14CL11	A21ANT40
Watts	1.4	40	11	40
Color Temp	2700k	2500k		2500k

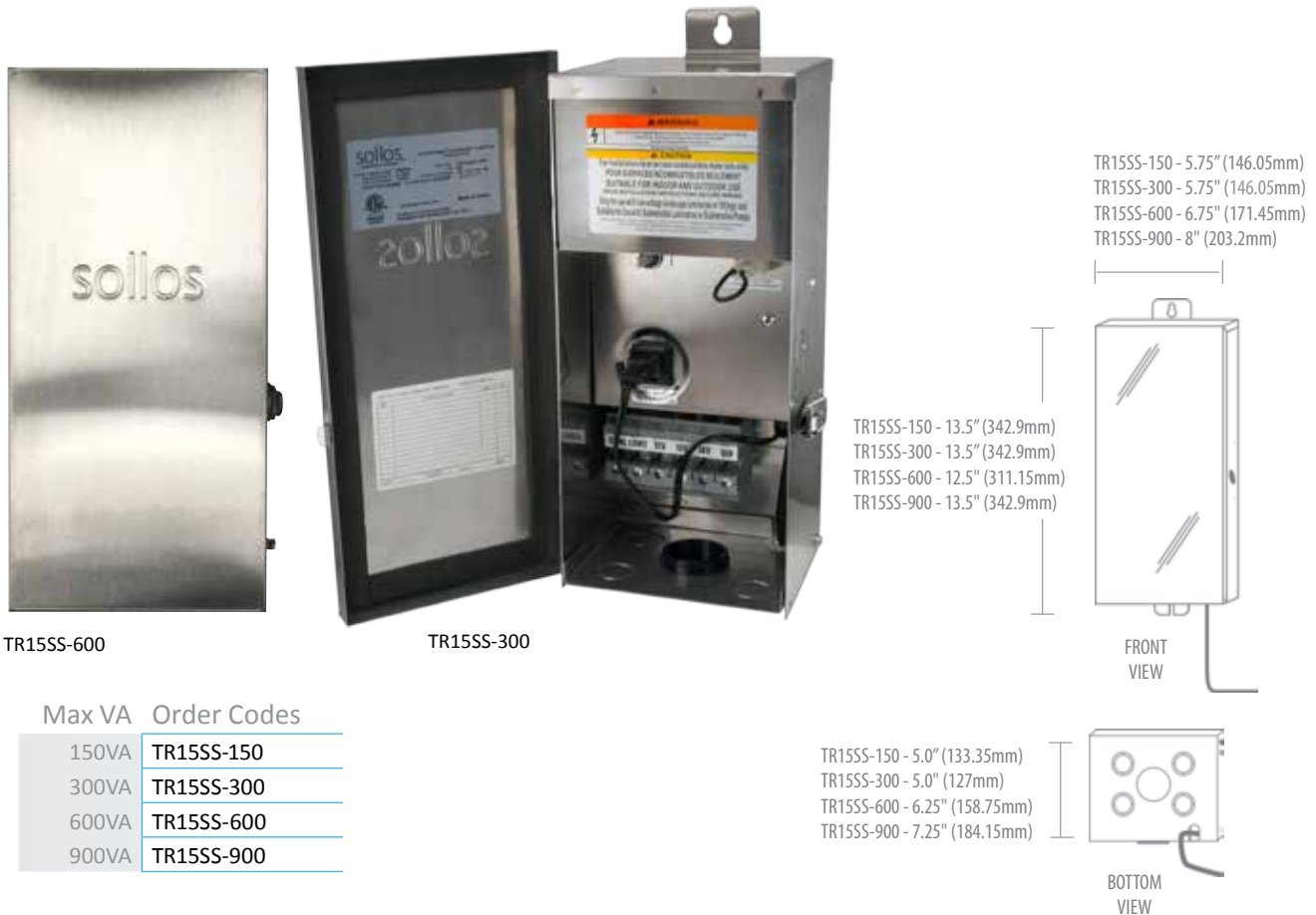For the complete ProLED offering of lamps see HalcoLighting.com

* Wet location listed.
** Damp location listed.
For the complete ProLED offering of lamps see HalcoLighting.com

Commercial Transformers

TR15SS-600

TR15SS-300

TR15SS-150 - 5.75" (146.05mm)
TR15SS-300 - 5.75" (146.05mm)
TR15SS-600 - 6.75" (171.45mm)
TR15SS-900 - 8" (203.2mm)

TR15SS-150 - 13.5" (342.9mm)
TR15SS-300 - 13.5" (342.9mm)
TR15SS-600 - 12.5" (311.15mm)
TR15SS-900 - 13.5" (342.9mm)

FRONT
VIEW

TR15SS-150 - 5.0" (133.35mm)
TR15SS-300 - 5.0" (127mm)
TR15SS-600 - 6.25" (158.75mm)
TR15SS-900 - 7.25" (184.15mm)

BOTTOM
VIEW

Max VA	Order Codes
150VA	TR15SS-150
300VA	TR15SS-300
600VA	TR15SS-600
900VA	TR15SS-900

- Corrosion-resistant stainless steel
- Lockable, hinged door
- Bottom panel contains 1½" conduit inlet and (4) ¾" knockouts for low voltage exit
- Input voltage: 120V
- Output voltage taps: 12/13/14/15V
- In-line primary overload protection prevents system damage with auto thermal shut-off
- UL 1838 listed

- In-line secondary magnetic breaker prevents short circuit protection with reset
- Mounting brackets are located on top and bottom of the console
- Plug-in ready
- 6-foot, grounded, water-resistant, heavy gauge power cord
- Approved for use with submersion luminaires
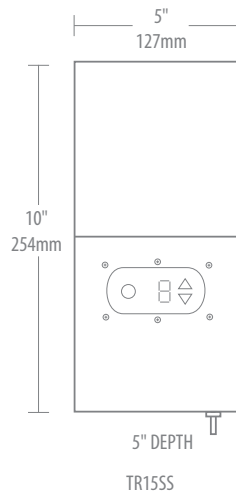- Limited lifetime warranty

Integrated Transformers

TR15SS-INT-300

TR12PC-INT-100

TR12SS-INT-120
TR12SS-INT-200

Max VA	Voltage Taps	Order Codes
100VA	12V	TR12PC-INT-100
120VA	12V	TR12SS-INT-120
200VA	12V	TR12SS-INT-200
300VA	12V, 13V, 14V, 15V	TR15SS-INT-300

5"
127mm

10"
254mm

5" DEPTH

TR15SS

4.25"
107.95mm

6.25"
158.75mm

3.5" DEPTH

TR12PC

4.25"
107.95mm

6.75"
171.45mm

4.25" DEPTH
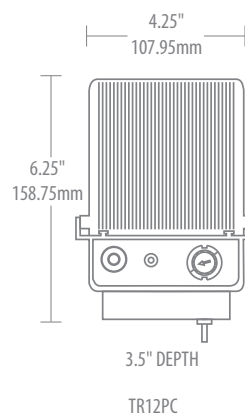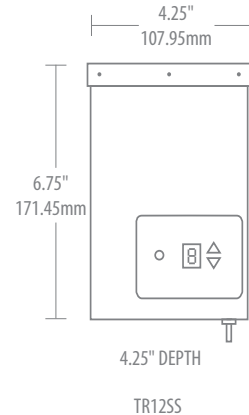
TR12SS

- Corrosion-resistant stainless steel finish (TR12SS)
- Black polycarbonate finish (TR12PC)
- Integral photocell and timer allow light fixtures to operate manually, automatically or on a timer
- Automatic operation turns lights on at dusk and off at dawn
- TR12PC Timer turns lights on at dusk and turns them off 4 hours, 6 hours or 8 hours after dusk

- UL 1838 Listed
- TR12SS Timer turns lights on at dusk and turns them off 1 to 9 hours after dusk
- Resettable circuit breaker prevents overloads and short circuits
- Plug-in ready with 6-foot, grounded, water-resistant, heavy gauge power cord
- Limited 2-year warranty

Accessories

Simple, elegant designs in Antique Brass, Brass, Copper and Stainless Steel natural metals and Textured Black and Textured Bronze powdercoat aluminum finishes complement & enhance landscape settings

TMA

Analog Timer

24-hour clock
3 on/off settings per day

TMDA

Digital Astronomic Timer

Build-in daylight saving time function
Auto adjusts to sunrise/sunset for dusk/dawn settings

DMT027

Deck Mount

2.7"
Antique Brass (AB)

Textured Black (TB)

Textured Bronze (TZ)

RSR12 RSR18

Risers

12" and 18"
Antique Brass (AB)
Textured Black (TB)
Textured Bronze (TZ)

GS08-NS

Ground Stake

8" Black ABS

No Slot cutout for wires

GS08

Ground Stake

8" Black ABS

PCS

Photocell

6" Lead

ProLED® Volt-Ampere Guide

Selecting a Transformer for LED Lighting Installations

Halco ProLED lamps are more efficient and have significantly longer life compared to traditional light sources while providing high quality light. Unlike halogen and incandescent lamps, which produce light by heating a filament, light from LED lamps is produced by the energy that results from forcing electrons through a semiconductor material.

True power consumed is measured in watts and is what customers are charged for on their utility bill. A lamp's true power (wattage) is listed on the lamp's packaging. When an LED is powered, the lamp's driver converts alternating current (AC) to direct current (DC), which consumes reactive and harmonic power on top of the true power that is required to produce light. The utility must generate additional energy above and beyond the lamp's true power in order to operate the lamp. The total amount of power that must be generated by the utility is measured in volt-amperes (VA) and is referred to as apparent power. Power factor - the ratio of true power to apparent power - is the measure of how efficiently electrical power is consumed. Dividing a lamp's wattage by the lamp's power factor results in the VA drawn on the line:

Wattage/Power Factor = Volt-Amperes

Halogen and incandescent lamps have a power factor of one, which means that the lamp uses 100% of the input power to produce light and heat. Consequently, filament lamps' wattage and VA are equivalent. For example, a 20W MR16 BAB draws 20VA from the line.

For LED installations, apparent power (VA) must be taken into consideration because transformer size is actually based on apparent power (VA), not true power (W). To specify the correct transformer size, the system's total load must be calculated to ensure that the total volt-ampere draw does not exceed the transformer's rating.

The LED installation example below shows system load (total VA), true power consumed (W) and annual energy cost calculations.

1. Calculate Load of LED System

	Lamp VA	x # Lamps	= Total Fixture Load
Well Light with 10W ProLED PAR36	12.0	8	= 96.0
Modern Bullet with 4.5W ProLED MR16	5.5	4	= 22
Total System Load			118

2. Select the Applicable Transformer for the LED System Load

☐ TR12PC-INT-100   ☐ TR12SS-INT-200   ☐ TR15SS-300   ☐ TR15SS-900

☐ TR12SS-INT-120   ☐ TR15SS-INT-300   ☐ TR15SS-600

3. Calculate LED Energy Consumption

	Lamp Wattage	x # Lamps	= Power Consumption
Well Light with 10W ProLED PAR36	10	8	= 80
Modern Bullet with 4.5W ProLED MR16	4.5	4	= 18
Total System Power Consumption			98

4. Calculate the LED System's Annual Energy Cost

Consumption	x Utility Cost[1]	x Annual Operating Hours[2]/1000	= Annual Energy Cost
98W	$0.115 kWh	2190 hrs	= $24.68

[1]Utility Cost based on national average per U.S. Energy Information Administration http://www.eia.gov/electricity/data.cfm#summary at the time of printing.
[2]Annual Operating Hours based on 6 hours/day and 365 days/year.

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Warranty

Sollos Landscape Lighting (hereinafter called "Sollos"), 2940 Pacific Drive, Norcross, GA 30071, warrants to the original purchaser that Sollos fixtures will be free from defects in materials and or workmanship for five years from the date of purchase except as indicated below:

Category	Warranty
Integrated transformers	2 Years
Commercial grade transformers	Lifetime
Antique Brass fixtures	Lifetime
Copper fixtures	Lifetime
Stainless Steel fixtures	Lifetime
Composite fixtures	Lifetime

EXPLICIT OPERATING CONDITIONS:

All products must be installed according to Sollos Installation Instructions and ProLED lamps must be operated in recommended conditions. This warranty is issued to the original purchaser and is non-transferable.

Should any product fail to meet the warranty specified above, Sollos, at its option, shall correct any defect by repair or replacement. This warranty is conditioned upon proper storage, installation, use and maintenance. Remedy is expressly limited to repair or replacement only.
This warranty is not applicable to any product subjected to abnormal stresses and operating conditions.

Sollos reserves the right to examine all products prior to the determination of warranty status.
All products must be retained for warranty claims. The warranty period starts on the date of original purchase.

NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD.

The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. The warranty sets forth Sollos' responsibilities regarding the products and claimant's exclusive remedy.

LIMITATION OF LIABILITY

Sollos will not under any circumstances, whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise, be liable for consequential, incidental, special or exemplary damages including, but not limited to, loss of profits or revenues, loss of use of product or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of service, down time cost, or claims of claimant's customers. Sollos' liability on any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect of this agreement from the products or services furnished hereunder shall not exceed the price of the specific product or lamps which gives rise to the claim.

Some states do not allow the exclusion or limitation of damages or the length of time for an implied warranty. Therefore, the limitations or exclusions of consequential or incidental damages and implied warranties may not apply to certain claimants. This warranty gives the claimant specific legal rights. The claimant may also have other rights, which vary from state to state.

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LANDSCAPE LIGHTING
A Halco Lighting Technologies Company

Sollos Landscape Lighting

2940 Pacific Drive Norcross GA 30071

P.O. Box 1368 Norcross GA 30091-1368

Toll Free 800-677-3334 | Fax 800-880-0822

solloslighting.com