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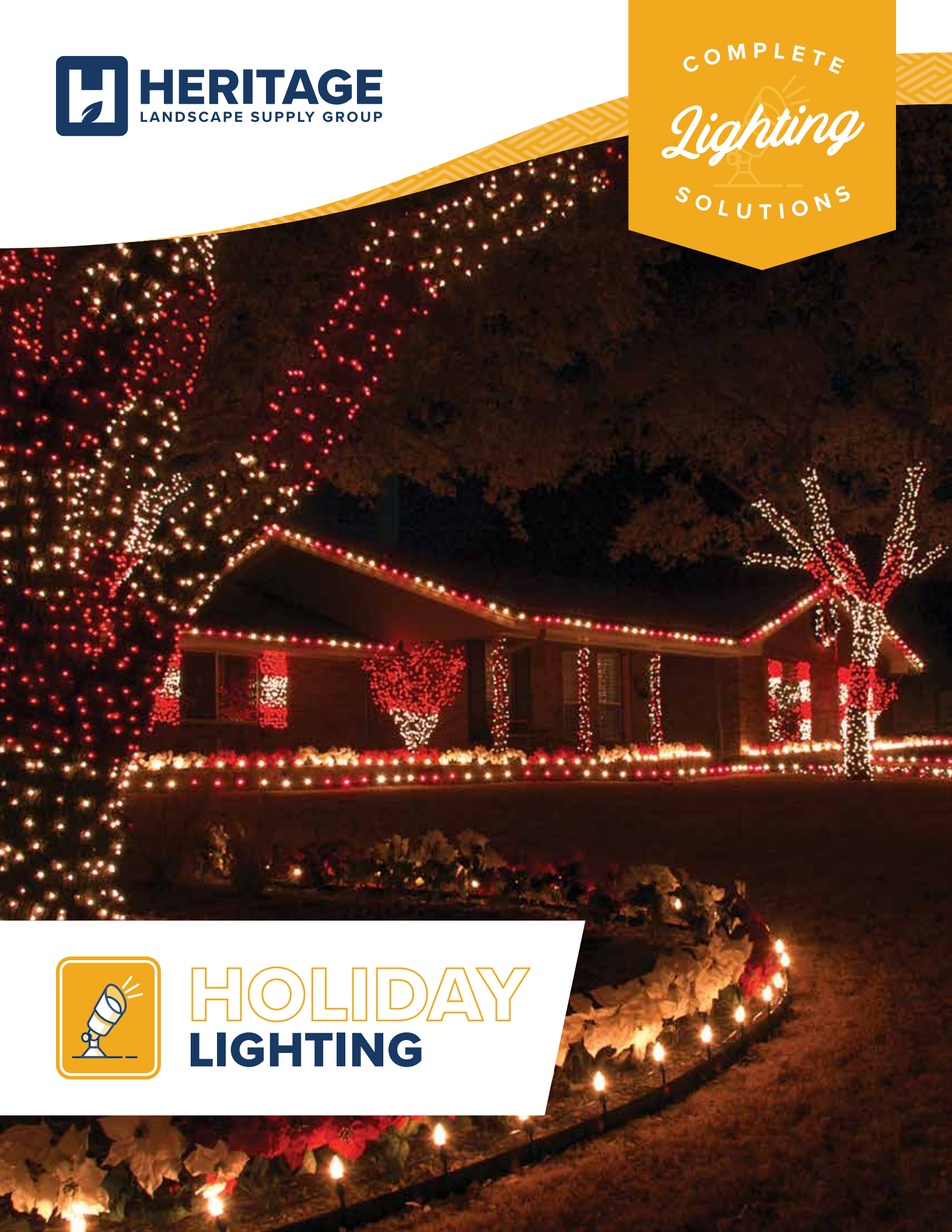
LANDSCAPE SUPPLY GROUP

COMPLETE
Lighting
SOLUTIONS



HOLIDAY LIGHTING

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As landscaping work slows after fall, many contractors boost revenue by offering professional Holiday light installation for residential and commercial clients. This service leverages similar manpower, tools, and supplies, making it an appealing seasonal option. However, several factors should be considered before adding it to your offerings."

TIMING

Thanksgiving is a popular day to start turning on Christmas lights, which means you will want to start advertising your services in early fall. It's important to look through your crew's availability – and any necessary equipment – to make sure you have the resources available to meet this deadline.

RESEARCH AHEAD

In some neighborhoods, there may be homeowner association restrictions dictating what day holiday lights can be turned on. Make sure your customers are aware of any restrictions in their area. There's also an opportunity to pitch the idea of a timer to control when the lights come on and turn off for an additional charge. From accessories and tools to lights and decorative bows, we have what you need to get started with your next festive venture.

C7 BULBS

C7 bulbs are smaller and ideal for indoor trees, wreaths, and trims, offering a soft, elegant glow. Perfect for smaller spaces or intricate designs. They also have a low power draw making them ideal for longer strings.

C9 BULBS

C9 bulbs are larger and brighter—perfect for rooflines, outdoor trees, and bold, eye-catching designs. Ideal for high impact outdoor displays and work well in larger areas.

WREATHS, GARLANDS & DECORATIVE BOWS

For indoor or outdoor use ask about the different types of foliage we carry. Whether you prefer traditional greenery or pre-lit styles, finishing your décor with a vibrant bow ties it all together beautifully.

LIGHT STRINGS & SETS

Holiday light strings and sets add festive cheer to any space, indoors or out. Available in a variety of bulb shapes and sizes, each style offers a unique aesthetic.

5MM LIGHTS

Feature small, conical bulbs that deliver intense, focused brightness—perfect for wrapping trees and shrubs.

G12 LIGHTS

Often called "raspberry lights," have a round, faceted globe shape that provides a soft, sparkling glow, ideal for wreaths, garlands, and accent lighting.

M5 LIGHTS

Resemble miniature traditional incandescent bulbs, offering a classic holiday look with the energy efficiency of LEDs. Whether you're outlining a roofline, decorating a mantel, or lighting up a walkway, these light sets bring warmth and magic to your seasonal décor.

HOLIDAY LIGHTING TOOLS & ACCESSORIES

From weatherproof extension cords and smart timers to light clips, and stakes, these must-have tools make decorating easier, safer, and more dazzling. Whether you're trimming the tree or lighting up the whole house, the right accessories help your lights shine bright all season long.

LIGHT BULB COMPARISON CHARTS

STRING LIGHT BULB COMPARISON

Bulb images are sized proportionally, dimensions are actual size

5MM
String Light
1/4" x 3/8"

G12
String Light
7/16" x 7/16"

M5
String Light
29/32" x 7/32"

C5 Color-Rite
String Light
1-1/8" x 1/2"

C6
String Light
1-1/4" x 1/2"

C7
String Light
1-1/2" x 7/8"

C9
String Light
2-3/8 x 1"

RETROFIT LIGHT BULB COMPARISON

Bulb images are sized proportionally, dimensions are actual size

C7 Retrofit
C7 Socket
1-7/16" x 7/8"

C9 Retrofit
C9 Socket
2-1/4" x 1-1/8"

G30 Retrofit
C9 Socket
1" x 1"

G40 Retrofit
C7 Socket
1-1/2" x 1-1/2"

G50 Retrofit
C9 Socket
2" x 2"

HELPFUL TIPS - ELECTRICAL CALCULATIONS & ESTIMATING

CONNECTIVITY

Based on current UL Standards, the maximum number of watts you can plug End-to-End, is 216 Watts.
Use the chart below to easily find Power Draw and Maximum End-to-End (in-line) Connectivity:

Type of Product	Size	Watts/Amps	Maximum End-to-End (in-line) Connectivity
Premium Grade LED Sets	70ct. 5MM, M5, G12, or C6	4.8W/0.04A	45 Sets End-to-End
	50ct. 5MM Red, Gold, Orange, or Multi	2.4W/0.02A	90 Sets End-to-End
	50ct. 5MM Blue, Green, Purple, Pink, Teal, or White	4.8W/0.04A	45 Sets End-to-End
	25ct. C7 or C9	2.4W/0.02A	90 Sets End-to-End
Color-Rite LED Sets	50ct. 5MM, M5, or C5	7.2W/0.06A	30 Sets End-to-End
	26ct. C9	6.0W/0.05A	36 Sets End-to-End
Commercial Grade LED Sets	25ct. All Bulb Styles	3.6W/0.03A	60 Sets End-to-End on one C05065RY Plug
LED Trunk Wraps/Net Lights	100ct. Red, Gold, Orange, or Multi	4.8W/0.04A	45 Sets End-to-End
	100ct. Blue, Green, Purple, Pink, Teal, or White	8.4W/0.07A	25 Sets End-to-End
Incandescent Mini Lights	50ct. set	24W/0.20A	9 Sets End-to-End
	100ct. set	48W/0.40A	4 Sets End-to-End

Individual Bulbs (LED or Incandescent), using 18g Wire
Use the chart below to easily find Power Draw and Maximum End-to-End (in-line) Connectivity:

Type of Product	Size	Watts/Amps	Maximum End-to-End (in-line) Connectivity
LED Retrofit Bulbs	C7, C9, G-Series, or Plastic S14	0.96W/0.008A	Mfg. recommends no more than 400 Bulbs In-Line
	Glass S14 (non-dimmable)	1.1W/0.0092A	Varies based on Wire Used - Please check wire for Max Watts
Incandescent C7 & C9 Bulbs		7.0W/0.06A	100 Bulbs In-Line

ESTIMATING TREES -Determining how many sets of lights you need.

PREMIUM GRADE LED SETS

Estimating Outdoor Trees (Evergreen or Deciduous) Using Premium Grade LED Sets

HEIGHT of Tree (ground-to-tippy top) X WIDTH of Tree (at widest point) = SQUARE FEET
Example: Tree is 10' Tall x 5' Wide = 50 Square Feet

SQUARE FEET X .18 = TOTAL # Premium LED sets needed (70 light set @ 24' long -or- 50 light set @ 25' long)
Example: 50 Square Feet x .18 = 9 sets of Premium Grade LEDs needed
* Experienced Installers can install an average of 20 Premium Grade sets per hour

COMMERCIAL GRADE LED SETS

Estimating Outdoor Trees (Evergreen or Deciduous) Using Commercial Grade LED Sets

HEIGHT of Tree (ground-to-tippy top) X WIDTH of Tree (at widest point) = SQUARE FEET
Example: Tree is 10' Tall x 5' Wide = 50 Square Feet

SQUARE FEET X .5 = TOTAL # Commercial LED sets needed (25 light set @ 9' or 13' long)
EX: 50 Square Feet x .5 = 25 sets of Commercial Grade LEDs needed
* Experienced Installers can install an average of 40 Commercial Grade sets per hour

Height - Measure from Ground to the very top

Width - Measure the widest part of the tree

HEIGHT x WIDTH = SQUARE FEET

Remember trees grow, so plan on adding sets every year

INCANDESCENT MINI LIGHTS

Estimating Outdoor Trees (Evergreen or Deciduous) Using Incandescent Mini Lights

HEIGHT of Tree (ground-to-tippy top) X WIDTH of Tree (at widest point) = SQUARE FEET
Example: Tree is 10' Tall x 5' Wide = 50 Square Feet

SQUARE FEET X .25 = TOTAL # of 50 count Incandescent Mini Light sets needed (25' long)
Example: 50 Square Feet x .25 = 12.5 - Always Round Up - 13 sets of 50ct. Incandescent Mini Lights needed
* Experienced Installers can install an average 20 strands per hour

SQUARE FEET X .13 = TOTAL # of 100 count Incandescent Mini Light sets needed (50' long)
Example: 50 Square Feet x .13 = 6.5 - Always Round Up - 7 sets of 100ct. Incandescent Mini Lights needed
* Experienced Installers can install an average 10 strands per hour

OTHER HANDY NUMBERS/FORMULAS

Electrical - Max Watt/Amp Ratings

18 Gauge Wire	1200 Watts -or- 10 Amps
16 Gauge Wire	1560 Watts -or- 13 Amps
14 Gauge Wire	2160 Watts -or- 18 Amps
Triple Taps & Timers	1800 Watts -or- 15 Amps

Converting Watts to Amps

Watts ÷ Volts (this is a constant = 120V) = Amps
Example 4.8 watts ÷ 120 Volts = 0.04 Amps

Converting Amps to Watts

Amps × Volts (this is a constant = 120V) = Watts
Example 0.04 Amps ÷ 120 Volts = 4.8 Watts

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Estimating Rooflines Using C9 Wire and LED Bulbs

Material:

_____ Feet X **1** = _____ Feet of C9 Socket Wire

_____ Feet X **1** = _____ Quantity of C9 Lamps

Labor: _____ Feet X **0.01** = _____ Qty of Labor Hours

C9 String Lights can be ran up to 500' in one direction

Estimating Columns, Posts, Tree Trunks, Branches Using 5MMs or G12s

Material:

4" Width **4"** Spacing — **1.5** X **3** X Length \ **23** = _____ # of 5MM Strands (Round Up)

6" Width **4"** Spacing — **2** X **3** X Length \ **23** = _____ # of 5MM Strands (Round Up)

8" Width **4"** Spacing — **2.7** X **3** X Length \ **23** = _____ # of 5MM Strands (Round Up)

Labor: _____ # of Strands X **0.05** = _____ Qty of Labor Hours

Forty 23.5' Strands can be connected end to end

Estimating Tree Lighting (Outer Wrap) Using C9, 5MMs or G12s

Material:

_____ Height (Ft) X _____ Width (Ft) at Widest Point = _____ Sq. Feet X **5** _____ Feet of Lights

Labor: _____ # of Strands X **0.05** = _____ Qty of Labor Hours

Forty 23.5' Strands can be connected end to end

Estimating Christmas Wreath Installations

24" Wreaths — _____ Qty of Wreaths X **0.25** = _____ Qty of Labor Hours

36" Wreaths — _____ Qty of Wreaths X **0.33** = _____ Qty of Labor Hours

48" Wreaths — _____ Qty of Wreaths X **0.5** = _____ Qty of Labor Hours

60" Wreaths — _____ Qty of Wreaths X **1** = _____ Qty of Labor Hours

72" Wreaths — _____ Qty of Wreaths X **1.5** = _____ Qty of Labor Hours

Estimating Christmas Garland Installations

_____ Qty of Linear Feet of Garland X **0.017** = _____ Qty of Labor Hours

WARRANTY & RETURN POLICY

We stand behind the quality of our products and aim to ensure customer satisfaction. If you are not completely satisfied with your purchase, please contact us. Returns and exchanges may be accepted under certain conditions and within a reasonable time frame. Warranty coverage may be available for some products and will vary depending on the item and circumstances.

All requests are handled on a case-by-case basis. Proof of purchase may be required. Terms are subject to change without notice. For more information or to initiate a return or warranty claim, please reach out to your local branch.

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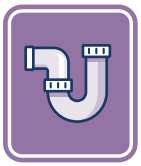
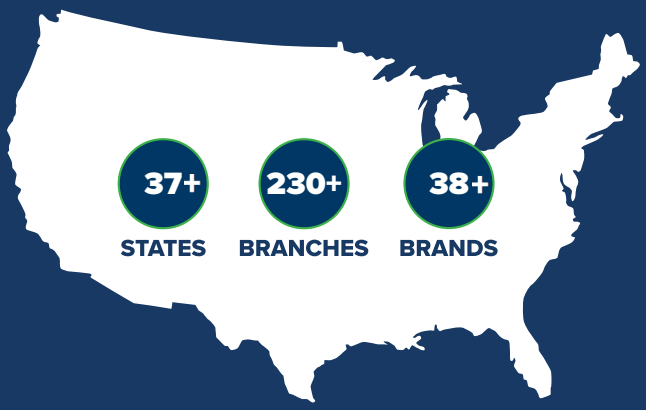

PLUMBING


WATER FEATURES


NURSERY


FENCING

THE NATION'S LEADING FAMILY OF INDEPENDENT LANDSCAPE SUPPLY DISTRIBUTORS



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