Brilliant Wonders®

LED LIGHTING

BRILLIANT WONDERS REVIEW

Brilliant Wonders® LED LIGHTING

Patent Pending LED Waterfall

The Only LED Bubbler for Vinyl, Fiberglass, or Gunite

Industry Leading LED Products

Growing Brand Awareness

CMP everything matters.

Brilliant Wonders® LED LIGHTING

BRILLIANT WONDERS 2016

2016

Exciting New LED Products

CMP Smart Sync Innovation

Complete Pool LED Design Solutions

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Brilliant Wonders LED LIGHTING

BRILLIANT WONDERS 2016

2016

LED Bubbler with Smart Sync

LED Light with Smart Sync

Smart Sync LED Waterfall Control

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SMART SYNC TECHNOLOGY

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WHAT IS SMART SYNC TECHNOLOGY

One LED lighting system for every pool

Smart Sync is Simple: It just works

Proprietary technology synchronizes all Brilliant Wonders products

Synchronize with Jandy, Pentair & Hayward control systems

CMP everything matters.

Brilliant Wonders LED LIGHTING

SMART SYNC TOP QUESTIONS

Is the old power supply or control also required - No

Will Smart Sync work with our remote control -No

What program or style is CMP style - Jandy

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Brilliant Wonders LED LIGHTING

H-Style
TOP QUESTIONS

How do I get H-Style parts? - Just append part number

Is there any other special part I need to synchronize? - No

Does Smart Sync work with Hayward network controls- No

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Brilliant Wonders LED LIGHTING

P-Style
TOP QUESTIONS

How do I get P-Style parts? - Just append part number

Is there any other special part I need to synchronize? - No

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Brilliant Wonders LED LIGHTING

SMART SYNC
LED WATERFALL
CONTROL
Brilliant
Wonders
LED LIGHTING

SMART SYNC LED WATERFALL CONTROL

One Smart Sync control for all styles

Controls up to ten total feet of LED waterfalls

Uses industry standard 12VAC pool transformers

Simple to install and wire

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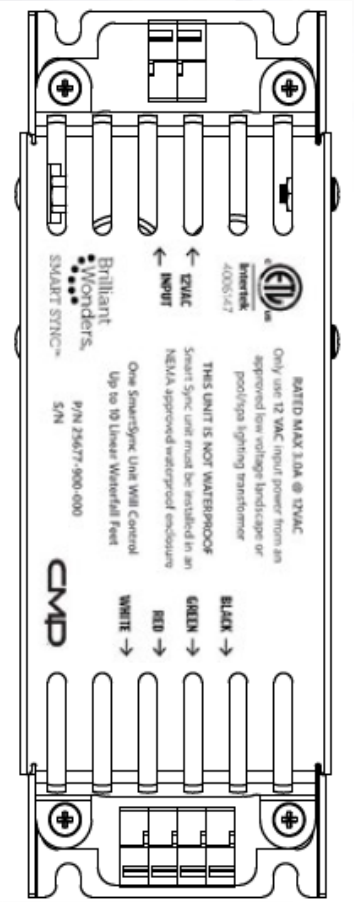
Brilliant Wonders LED LIGHTING

SMART SYNC LED WATERFALL CONTROL



Control dial for setting in the field

For LED Waterfall Only

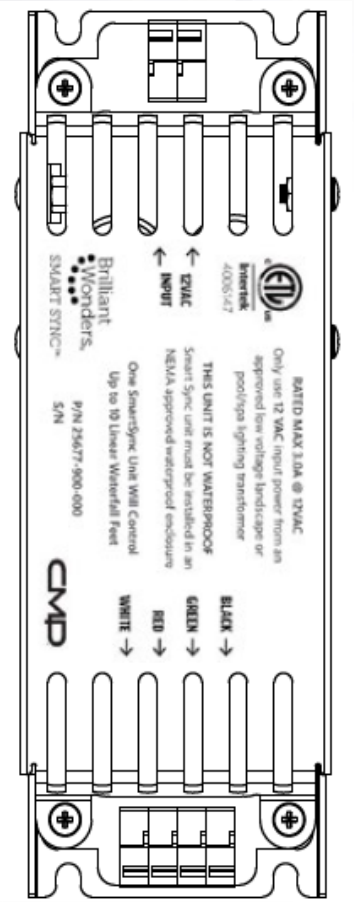
ETL Certified

Not Compatible with Previous LED Waterfall Controls

CMP everything matters.

Brilliant Wonders LED LIGHTING

SMART SYNC LED WATERFALL CONTROL



One control per 10ft of waterfalls

Use multiple controls for over 10ft

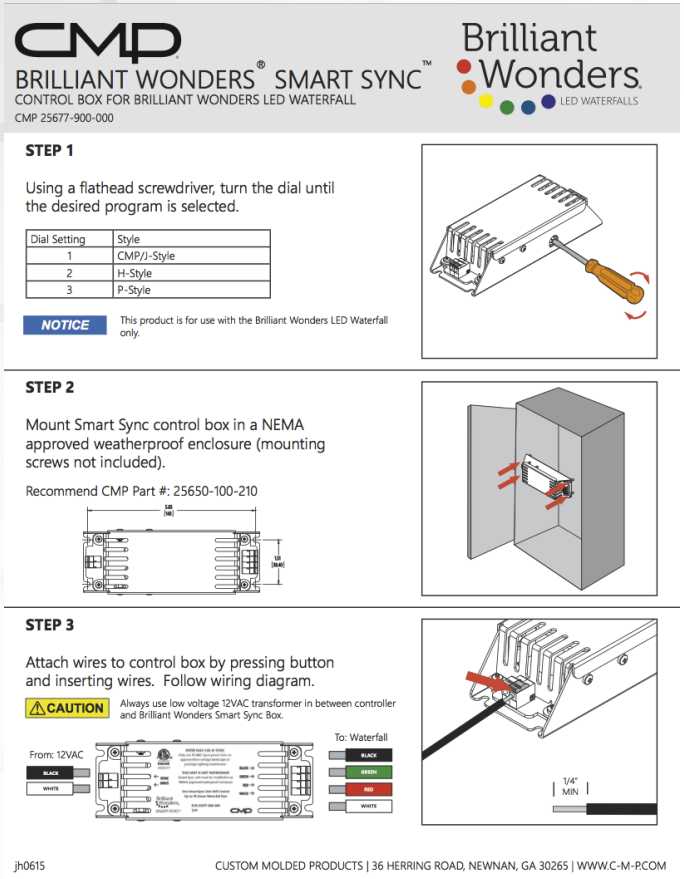
Rated Max 3.0A @ 12VAC

12VAC transformer always required

CMP everything matters.

Brilliant Wonders LED LIGHTING

SMART SYNC CONTROL MANUAL



CMP

BRILLIANT WONDERS® SMART SYNC™

CONTROL BOX FOR BRILLIANT WONDERS LED WATERFALL

CMP 25677-900-000

Brilliant Wonders LED WATERFALLS

STEP 1

Using a flathead screwdriver, turn the dial until the desired program is selected.

Dial Setting	Style
1	CMP/J-Style
2	H-Style
3	P-Style

NOTICE This product is for use with the Brilliant Wonders LED Waterfall only.

STEP 2

Mount Smart Sync control box in a NEMA approved weatherproof enclosure (mounting screws not included).

Recommend CMP Part #: 25650-100-210

STEP 3

Attach wires to control box by pressing button and inserting wires. Follow wiring diagram.

CAUTION Always use low voltage 12VAC transformer in between controller and Brilliant Wonders Smart Sync Box.

From: 12VAC — BLACK, WHITE

To: Waterfall — BLACK, GREEN, RED, WHITE

1/4" MIN

jh0615

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Detailed installation and safety information

Easy to read graphics and images

Also available 24/7 online at c-m-p.com/downloads

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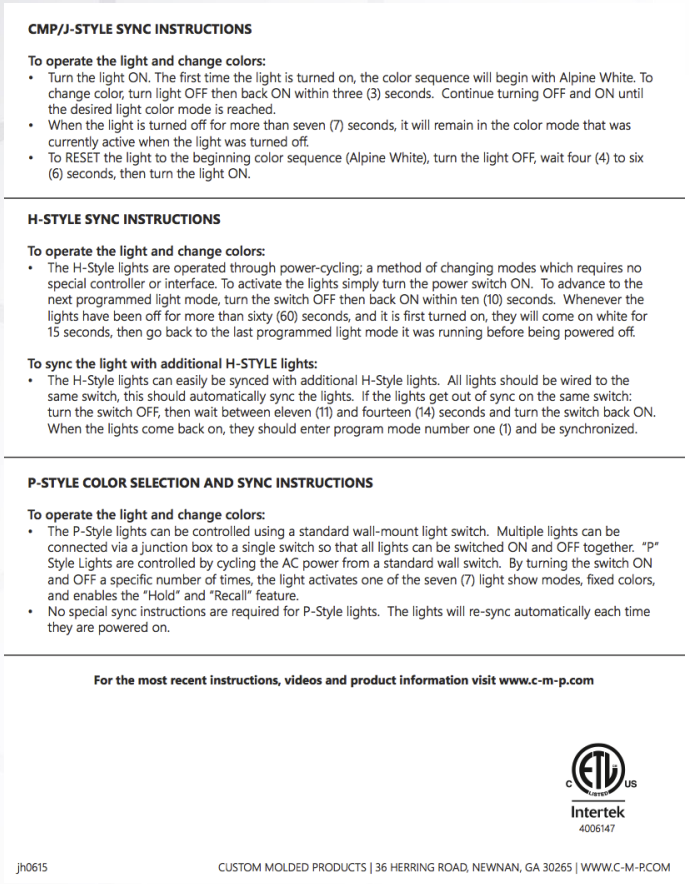
Brilliant Wonders LED LIGHTING

SMART SYNC CONTROL MANUAL



CMP/J-STYLE SYNC INSTRUCTIONS

To operate the light and change colors:

- Turn the light ON. The first time the light is turned on, the color sequence will begin with Alpine White. To change color, turn light OFF then back ON within three (3) seconds. Continue turning OFF and ON until the desired light color mode is reached.
- When the light is turned off for more than seven (7) seconds, it will remain in the color mode that was currently active when the light was turned off.
- To RESET the light to the beginning color sequence (Alpine White), turn the light OFF, wait four (4) to six (6) seconds, then turn the light ON.

H-STYLE SYNC INSTRUCTIONS

To operate the light and change colors:

- The H-Style lights are operated through power-cycling; a method of changing modes which requires no special controller or interface. To activate the lights simply turn the power switch ON. To advance to the next programmed light mode, turn the switch OFF then back ON within ten (10) seconds. Whenever the lights have been off for more than sixty (60) seconds, and it is first turned on, they will come on white for 15 seconds, then go back to the last programmed light mode it was running before being powered off.

To sync the light with additional H-STYLE lights:

- The H-Style lights can easily be synced with additional H-Style lights. All lights should be wired to the same switch, this should automatically sync the lights. If the lights get out of sync on the same switch: turn the switch OFF, then wait between eleven (11) and fourteen (14) seconds and turn the switch back ON. When the lights come back on, they should enter program mode number one (1) and be synchronized.

P-STYLE COLOR SELECTION AND SYNC INSTRUCTIONS

To operate the light and change colors:

- The P-Style lights can be controlled using a standard wall-mount light switch. Multiple lights can be connected via a junction box to a single switch so that all lights can be switched ON and OFF together. "P" Style Lights are controlled by cycling the AC power from a standard wall switch. By turning the switch ON and OFF a specific number of times, the light activates one of the seven (7) light show modes, fixed colors, and enables the "Hold" and "Recall" feature.
- No special sync instructions are required for P-Style lights. The lights will re-sync automatically each time they are powered on.

For the most recent instructions, videos and product information visit www.c-m-p.com

Intertek
4006147

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Simple synchronization steps

Steps are the same as those for OEM lighting

Sync Steps are required for installations with no master pool control system

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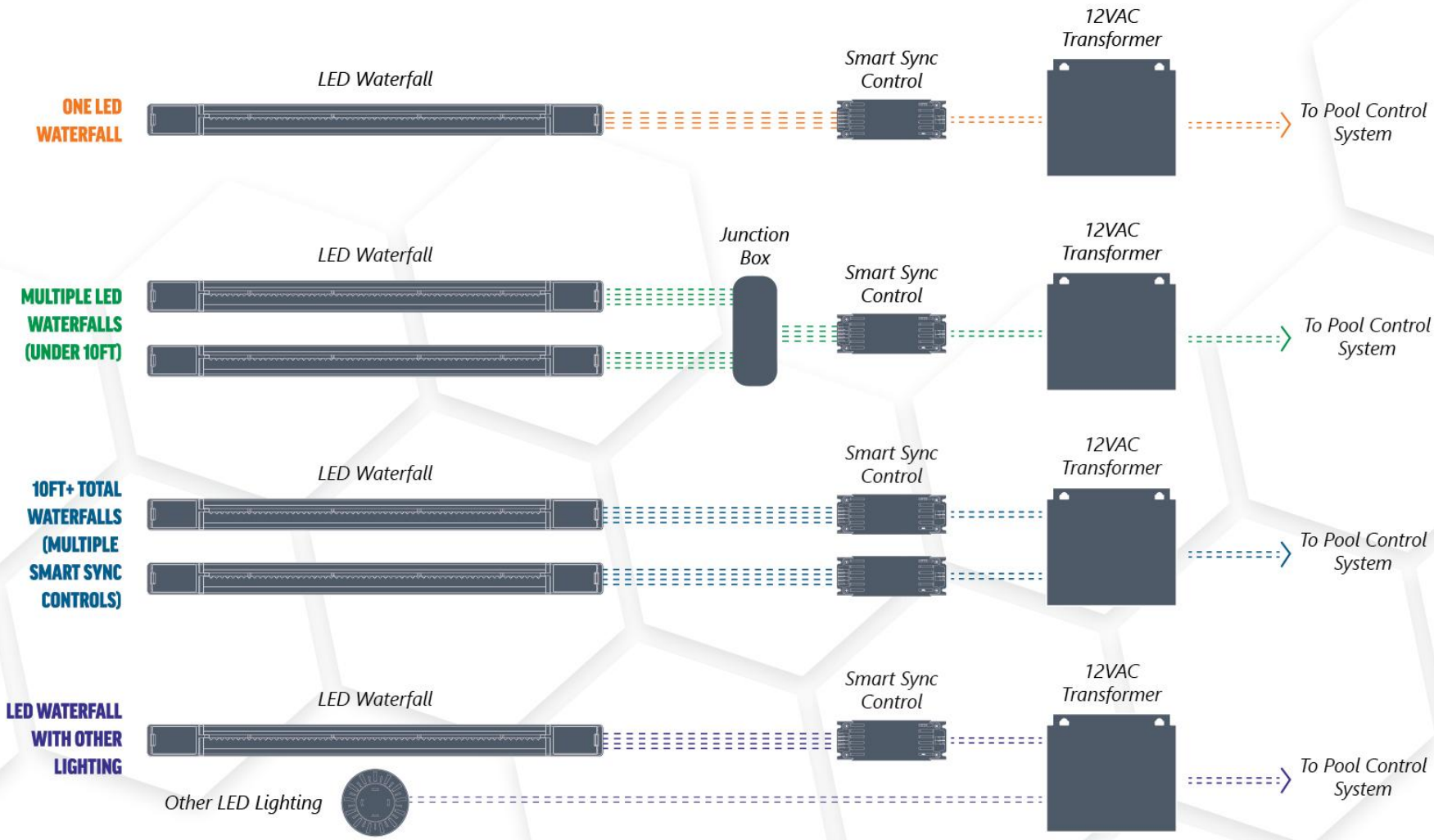
Brilliant Wonders LED LIGHTING

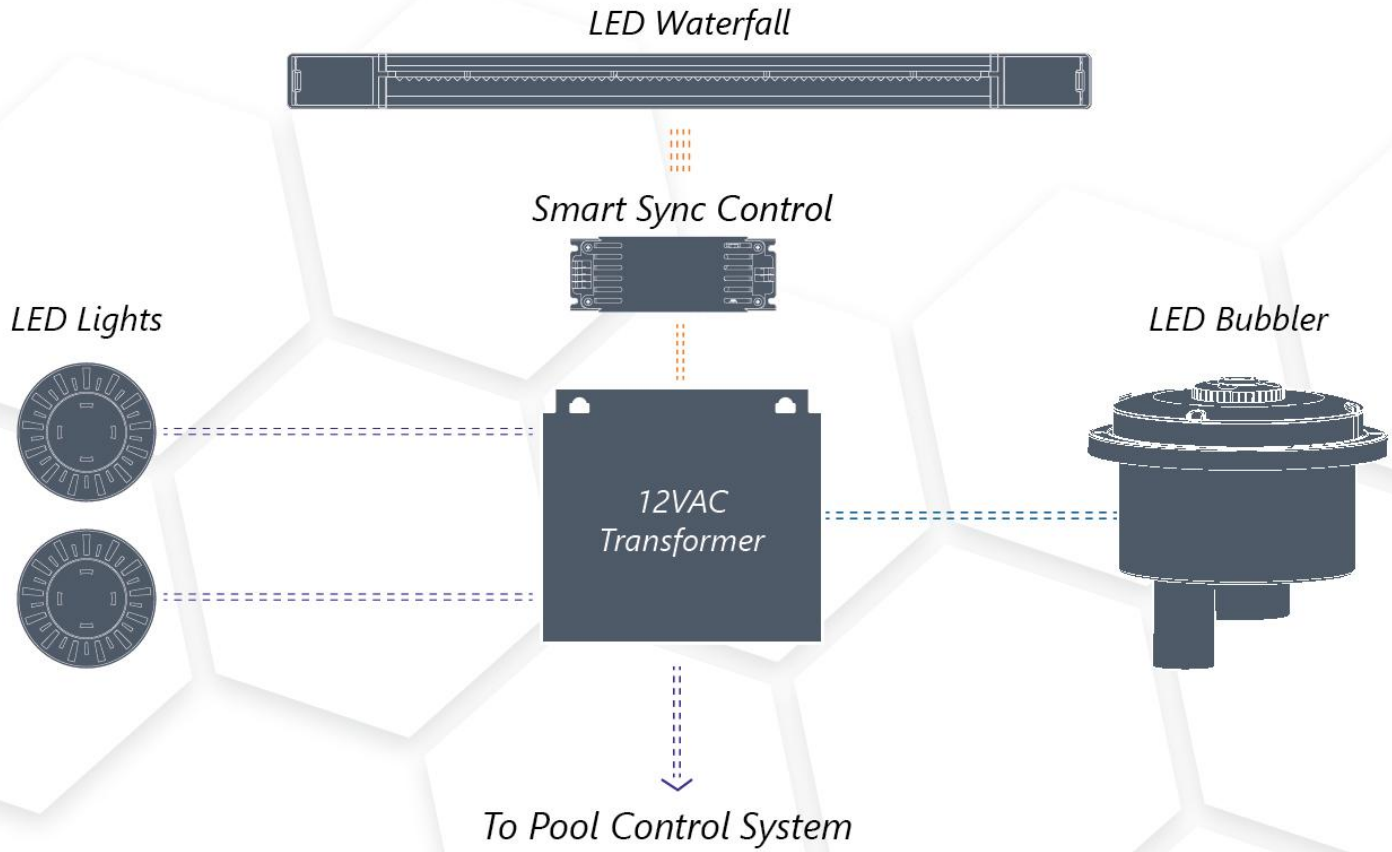


The Smart Sync Control is easy and simple to set up. Simple connect waterfalls to the control, and then to a 12VAC pool transformer. All Smart Sync lighting and compatible controls connected to the same transformer will sync correctly.

For multiple waterfalls, simply connect at a junction box before the Smart Sync control.
For over ten total feet of waterfalls, use multiple Smart Sync controls in parallel, and connect to the same transformer. Other LED lighting can also be installed in parallel to the same transformer.

Brilliant Wonders
LED WATERFALLS

SIMPLE INTEGRATION WITH ALL OTHER POOL LIGHTING



Integrate with all other pool lighting with no special requirements. Simply connect the same as any other LED pool lighting. One line per component connects to a 12VAC pool transformer. All Smart Sync products connected to the same transformer will synchronize. Connect the transformer to pool controls for complete system integration.

Brilliant Wonders
LED WATERFALLS

BRILLIANT
WONDERS
LED BUBBLER
Brilliant
Wonders
LED LIGHTING

2016 LED BUBBLER

WHAT'S NEW

Built-in Smart Sync Technology

New Cree LED Lighting

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Brilliant Wonders LED LIGHTING

2016 LED BUBBLER

SMART SYNC

Built-in, no external controls

Order CMP/J-Style, H-Style or P-Style

Synchronize with CMP Lighting or order to match OEM controls

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Brilliant Wonders LED LIGHTING

2016 LED BUBBLER

CREE LEDS

Fewer LEDs required (6) for the same level of light output

More efficient output with less heat for longer LED life

CMP everything matters.

Brilliant Wonders LED LIGHTING

LED BUBBLER TOP QUESTIONS

Can the new bubbler replace old ones in field - Yes

Will the color shows match with old units? - No

When will new design be available? - Jan 2016

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Brilliant Wonders LED LIGHTING

1.5”
NICHELESS
LED LIGHT

ETL LISTED c US Intertek

POOL & SPA NEWS READERS' CHOICE 2015

Brilliant Wonders LED LIGHTING

1.5" NICHELESS LED LIGHT

PRODUCT FEATURES

IP68 Waterproof Quick Disconnect

Built-in Smart Sync technology

Interchangeable designer faceplates

High performance Cree LED Lighting

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Brilliant Wonders LED LIGHTING

1.5” NICHELESS LED LIGHT

QUICK DISCONNECT

Industry first product feature

Enables fast service and repair

Easy Winterization

ETL Certified connection

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Brilliant Wonders LED LIGHTING

1.5" NICHELESS LED LIGHT

SMART SYNC

Built-in, no external controls

Order CMP/J-Style, H-Style or P-Style

Synchronize with CMP Lighting or order to match OEM controls

CMP everything matters.

Brilliant Wonders LED LIGHTING

1.5” NICHELESS LED LIGHT

DESIGNER FACEPLATES

Fits any standard 1.5” fitting

Color, stainless steel or color accent

Designed to look amazing day & night

Consumer targeted industrial design

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Brilliant Wonders LED LIGHTING

1.5" NICHELESS LED LIGHT

HIGH PERFORMANCE LIGHTING

Fine tuned for output & longevity

Comparable brightness to other brands

RGBW for true white light output

Smooth blending light pattern with no hard edges or color banding

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Brilliant Wonders LED LIGHTING

1.5” LED LIGHT KIT

Kit includes LED light, white faceplate, cord & tool

Color, stainless steel & SS accent faceplates available

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Brilliant Wonders LED LIGHTING

HOW TO ORDER SMART SYNC

Append part number with “H” or “P”

Standard CMP style matches Jandy

11 or 8 Watt color (No Smart Sync needed for white)

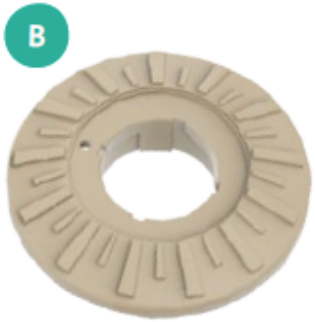
BRILLIANT WONDERS® 1.5" LED LIGHT (CMP / J-STYLE)						
REF	25 FT KIT	50 FT KIT	100 FT KIT	150 FT KIT	DESCRIPTION	ENERGY
A	25503-560-025	25503-560-050	25503-560-100	25503-560-150	11C BRILLIANT COLOR LIGHT KIT	11 WATTS
A	25503-520-025	25503-520-050	25503-520-100	25503-520-150	8C BRILLIANT COLOR LIGHT KIT	8 WATTS
A	25503-500-025	25503-500-050	25503-500-100	25503-500-150	BRILLIANT WHITE LIGHT KIT	5 WATTS
BRILLIANT WONDERS® 1.5" LED LIGHT (P-STYLE)						
A	25503-560-025P	25503-560-050P	25503-560-100P	25503-560-150P	11C BRILLIANT COLOR LIGHT KIT, P-STYLE	11 WATTS
A	25503-520-025P	25503-520-050P	25503-520-100P	25503-520-150P	8C BRILLIANT COLOR LIGHT KIT, P-STYLE	8 WATTS
BRILLIANT WONDERS® 1.5" LED LIGHT (H-STYLE)						
A	25503-560-025H	25503-560-050H	25503-560-100H	25503-560-150H	11C BRILLIANT COLOR LIGHT KIT, H-STYLE	11 WATTS
A	25503-520-025H	25503-520-050H	25503-520-100H	25503-520-150H	8C BRILLIANT COLOR LIGHT KIT, H-STYLE	8 WATTS

2016 Catalog Page

1.5” LED LIGHT FACEPLATES

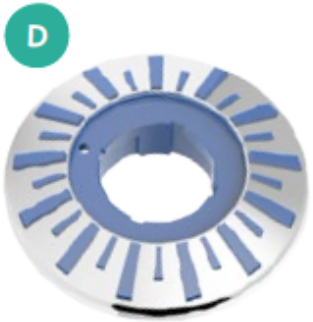
Every kit will include a standard white faceplate

Designer faceplates sold separately



FULL COLOR PLASTIC

FULL STAINLESS STEEL



STAINLESS STEEL COLOR ACCENT

BRILLIANT WONDERS® 1.5" LED LIGHT FACEPLATE								
REF	WHITE/OTHER	GRAY	BLACK	DARK GRAY	LIGHT BLUE	DARK BLUE	TAN	DESCRIPTION
B	25503-510-000	25503-511-000	25503-514-000	25503-517-000	25503-559-000	25503-569-000	25503-519-000	FULL COLOR
C	25503-510-200	—	—	—	—	—	—	STAINLESS STEEL
D	25503-510-220	25503-511-220	25503-514-220	25503-517-220	25503-559-220	25503-569-220	25503-519-220	SS COLOR ACCENT

2016 Catalog Page

TECHNICAL SPECIFICATIONS

ETL CERTIFIED

11, 8 or 5 watt

No bonding or grounding

12VAC transformer required

Water cooled

Heat conductive PPC body

Color or White LED

4” minimum depth

Wall or floor installation

Install in any 1.5” fitting

Vinyl, gunite or fiberglass pools

Bayonet quarter turn installation

4.5” deep light body

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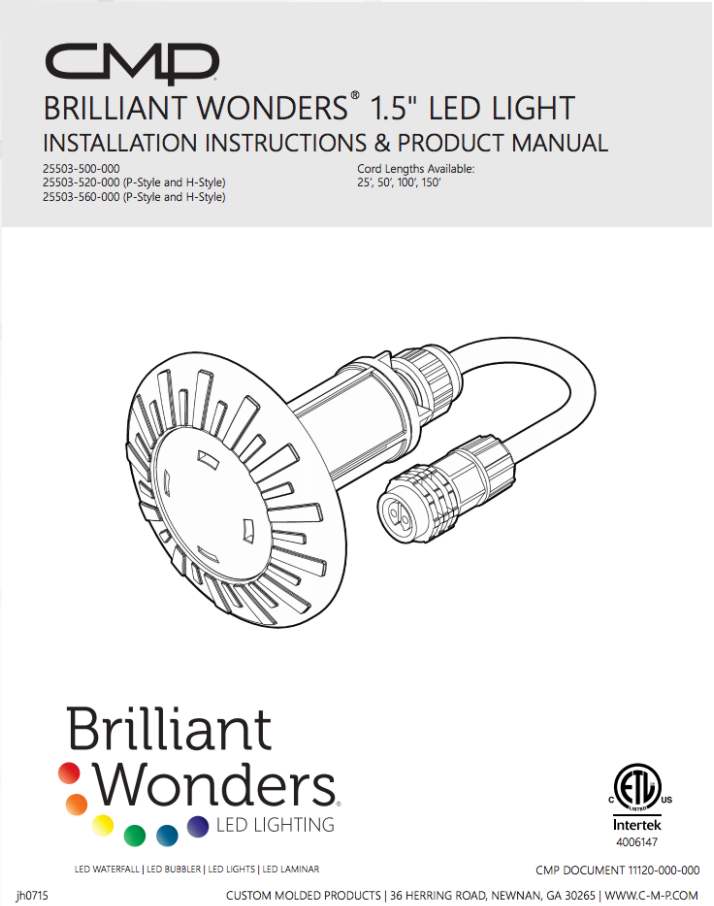
Brilliant Wonders LED LIGHTING

SMART SYNC CONTROL MANUAL



CMP

BRILLIANT WONDERS® 1.5" LED LIGHT

INSTALLATION INSTRUCTIONS & PRODUCT MANUAL

25503-500-000
25503-520-000 (P-Style and H-Style)
25503-560-000 (P-Style and H-Style)

Cord Lengths Available:
25', 50', 100', 150'

Brilliant Wonders LED LIGHTING

LED WATERFALL | LED BUBBLER | LED LIGHTS | LED LAMINAR

Intertek 4006147

CMP DOCUMENT 11120-000-000

jh0715

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Detailed installation and safety information

Easy to read graphics and images

Available online 24/7 at c-m-p.com/downloads

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Brilliant Wonders LED LIGHTING

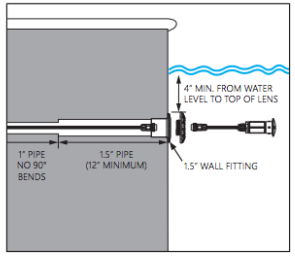
1.5" LED LIGHT MANUAL

3. INSTALLATION INSTRUCTIONS

STEP 1

The light must be installed in or on a wall of the pool (or water feature) with the top of the lens opening no less than 4 inches (10.16 cm) below normal water level of the pool. For vertical installations on benches, swim outs and fountains the depth of the light underwater must still be no less than 4 inches.

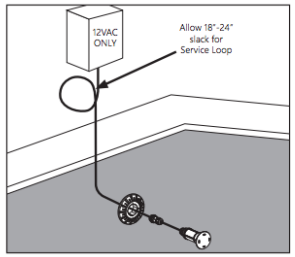
NOTE: Requires the use of a 1.5" threaded wall fitting.
NOTE: 12" minimum of 1.5" pipe to accommodate the LED Light. Then 1" pipe to control box with sweeps only, no 90° bends.



STEP 2

Install supplied 2-conductor electric cord through the conduit outlet of the wall into the conduit and up to the location of the 12VAC pool/spa transformer. Cut off excess cord installing appropriate service length.

NOTICE Allow 18"-24" extra slack in the cord on the 12VAC pool transformer end for future service of the LED light.



An example of an approved pool transformer is the Intermatic model PX-100 or PX-300. Refer to Wire Gauge and Wire Length guide for proper wire gauge size in reference to the use of Junction Box installations.

NOTE: Brilliant Wonders 1.5" LED Light can be used with any UL Listed, outdoor rated, 12VAC transformer provided the wattage and amperage is not exceeded by the total wattage and amperage in use.

IP68 Connector: Rated 39 inches

Max Install Depth (Floor): 2 feet

Max Install Depth (Wall): 3 feet

Leave slack at transformer for light service or replacement

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Brilliant Wonders LED LIGHTING

HOW MANY LIGHTS?

THERE ARE MANY POOL LIGHTING VARIABLES

- Ambient light
- Pool materials
- Placement
- Pool geometry
- Pool dimensions
- Color or material of pool liner
- Cleanliness of pool
- Etc.

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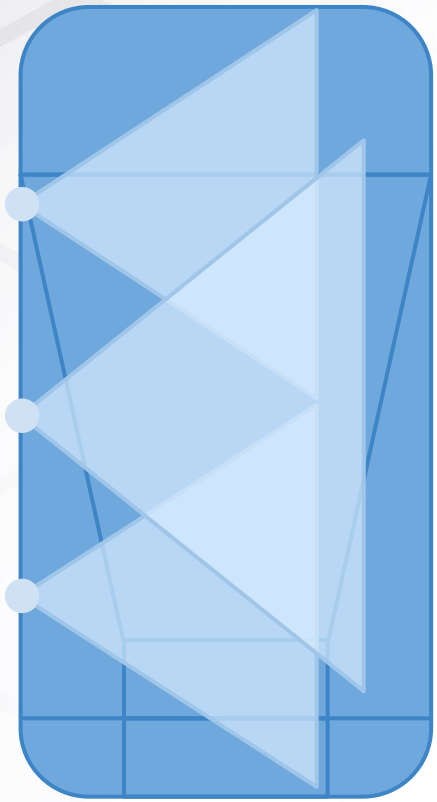
Brilliant Wonders LED LIGHTING

RECOMMENDED LIGHTING STYLE



Evenly distributed light is a primary benefit

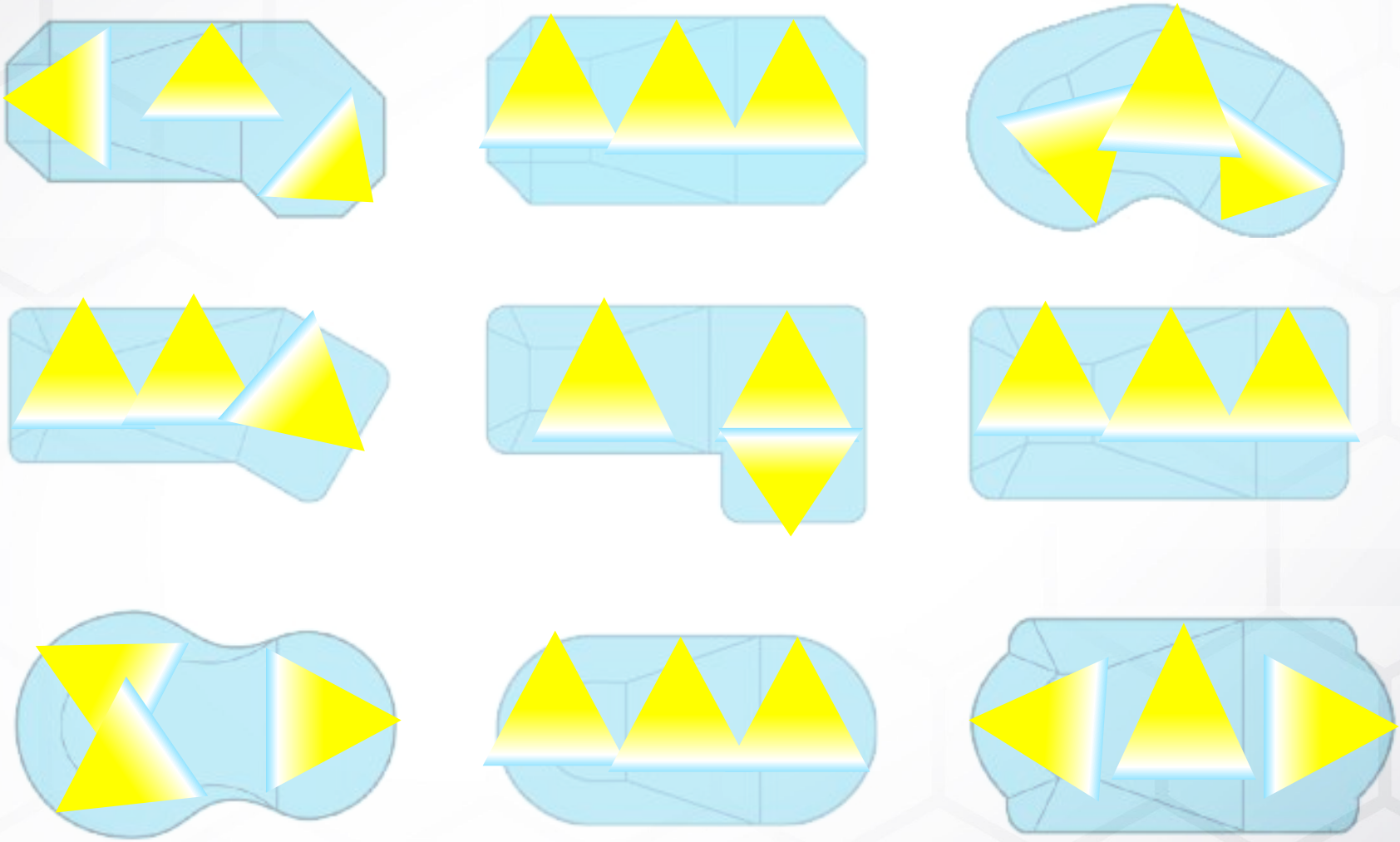
Designed for even illumination as well as coves, steps, swim-outs, etc

8W light designed for smaller accent areas

Enhances lighting design for backyard pools

Not designed to be a 1:1 replacement for a single large traditional pool light

16 X 32 SUGGESTED LIGHTS



estimates based on typical pool installations, conditions and lighting designs

LED POOL LIGHTING COMPARATIVE PRODUCT MATRIX

SUMMARY	CMP BRILLIANT WONDERS®	HAYWARD® COLORLOGIC®	PENTAIR® GLOBRITE®	SAVI MELODY/ JANDY NICHELESS	SR SMITH™ TREO
	Quick installation, designer flanges and Smart Sync™ technology	*Installs in 1.5" pipe, compatible with Hayward control systems*	*Compatible with Pentair systems, different models for different pool types*	*Replaceable light cartridges, OEM sync available from SAVI*	*Low wattage light with optional advanded LED control system*
IP68 Waterproof Disconnect	●				
Nicheless Installation	●	●		●	●
Heat Conductive Light Body	●		●		
No Bonding or Grounding Required	●	●	●	●	●
Gunite, Vinyl or Fiberglass Installation	●	●	Special Niche Required	●	●
Soft Light Falloff, Smooth Blending	●				
Wall or Floor Installation	●	●		●	
Water Cooled	●		●		●
Bayonet Locking Installation	●		●		
PSN Reader's Choice Award	●				
Retrofit in Most Pools	●				
RGBW Technology	●		●	●	
Bright & Efficient Cree® LEDs	●		●		
Multiple brightness levels available	●	●		●	
Dimmable (with upgraded controls)		●		●	●
White Only Available	●	●		Jandy Only	●
Electrical*	11W/8W, 12VAC	23/13W, 12VAC	15W, 12VAC	14W, 12VAC	5W
Cross-Platform Sync	Smart Sync™			P, H or S Series (SAVI Only)	
Warranty	3 Year (pro-rated)	1 Year	1 Year	5 Year (pro-rated)	3 Year
Designer Flanges	●				
Beam Angle*	140 Degree		100 Degree	180 Degree	
Certifications	ETL	UL	UL	ROHS, ETL, CE	

**per available OEM specifications*

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FOR CMP SALES INTERNAL REFERENCE ONLY

All product details and specifications are current as of available information at the time of publication.

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BRILLIANT WONDERS MARKETING SUPPORT

Print and Web Advertising

Interactive Product Displays

Extensive Trade Show Presence

Training Opportunities

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Brilliant Wonders LED LIGHTING

ADVERTISING

Pool & Spa Marketing, Pool & Spa News, PEP Newsletter, Pool Pro Magazine, Aqua Magazine Print Ads

Custom Molded Products

INTRODUCING THE SMART SYNC™ UNIVERSAL CONTROL for Brilliant Wonders® LED Waterfalls. With one control box, sync your CMP waterfall with LED products from CMP®, Pentair®, Hayward® and Jandy®. Simple to install, and field-programmable with a built-in control dial.

The Brilliant Wonders® LED Waterfall is the premier lighted waterfall in the pool industry. Featuring a patent pending design and front-side serviceability, no other waterfall comes close. And now with the addition of the new Smart Sync™ control, the best LED waterfall is even better.

CMP is committed to supporting pool professionals with premier products and support that set you up for success. Because when the difference is in the details, everything matters®.

www.c-m-p.com

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Brilliant Wonders LED LIGHTING

ADDITIONAL PSN ADVERTISING

Pool and Spa News Masters of Design

Pool and Spa News Readers Choice Award

Virtual Backyard Interactive Pool

CORNERSTONE MASTERS OF DESIGN SPONSOR

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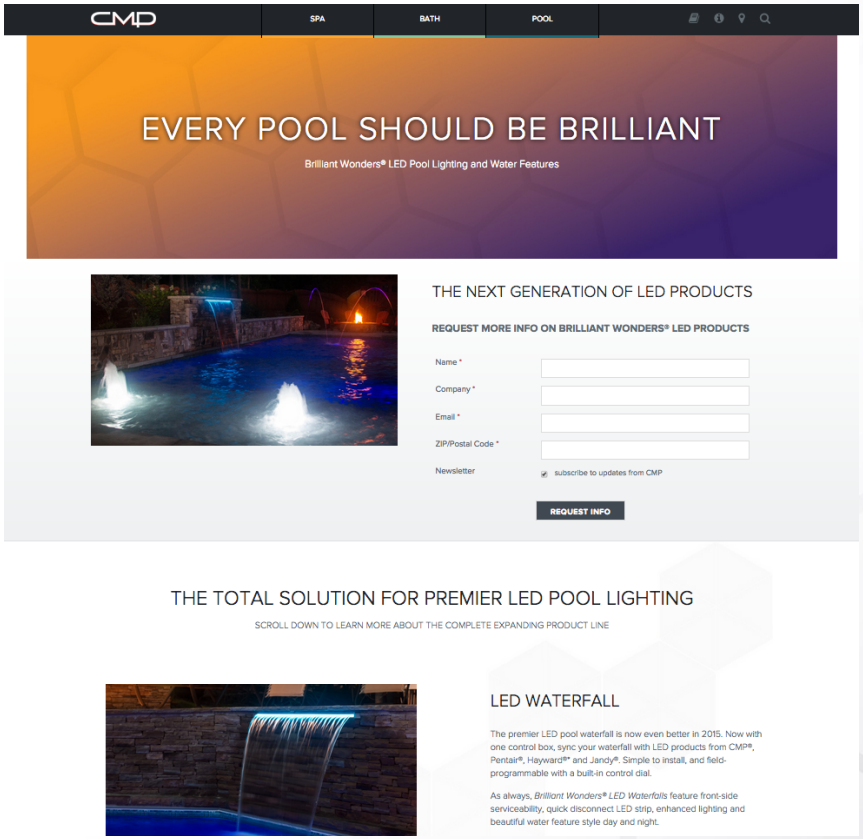
WEB ADVERTISING

Web banner ads

Virtual Backyard

Lead Generation Page

(c-m-p.com/brilliant)



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Brilliant Wonders LED LIGHTING

PRODUCT DISPLAYS

Interactive Countertop Displays

Brand New Designs for 2015

CMD everything matters.

Brilliant Wonders LED LIGHTING

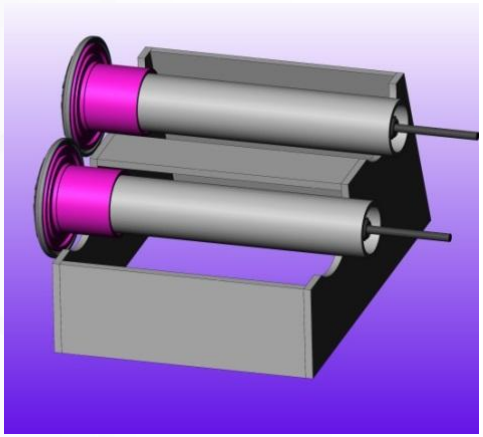
NEW TRADE SHOW DISPLAYS

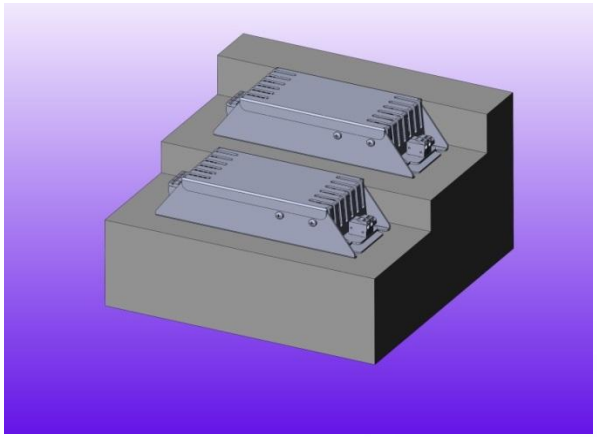
Interactive Hands On Displays

Waterfalls and Lights in Sync

Product Video Loops

Wet and Dry Product Displays





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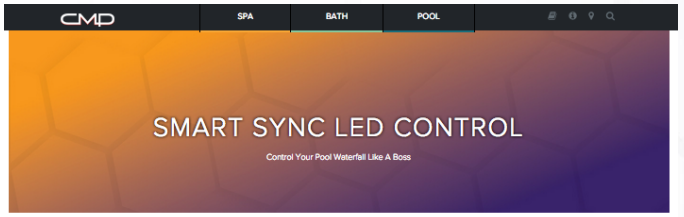
WEB SALES TRAINING

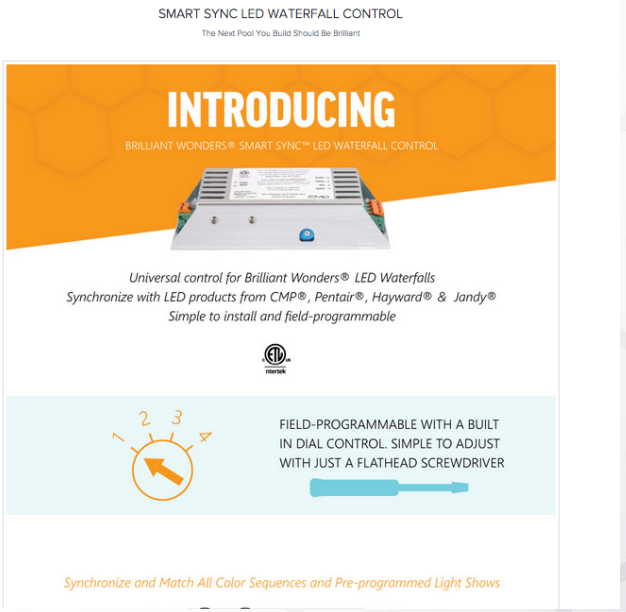
C-M-P.COM/NPA

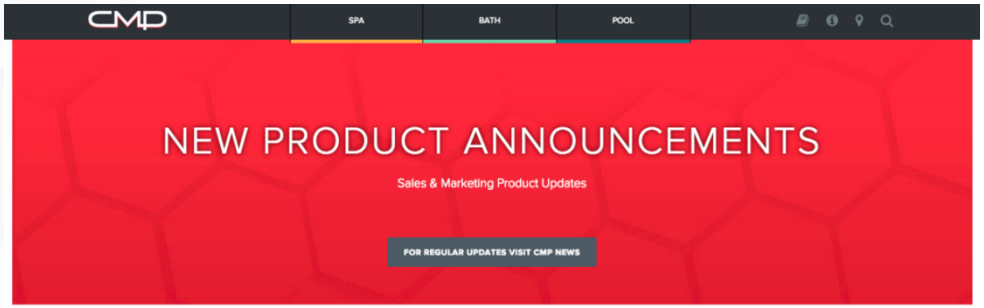
New Product Announcements

Product Infographics

Supplemental Material Downloads







CMP everything matters.

Brilliant Wonders LED LIGHTING

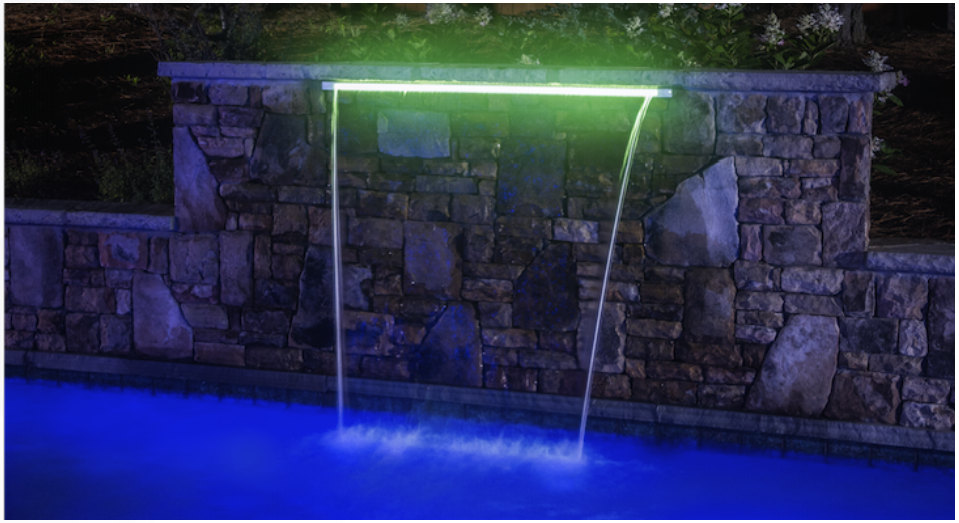
OTHER TOOLS

2016 Catalog

Updated Cut Sheets & Brochures

Product Photos & Videos

Product Presentations



CMP everything matters.

Brilliant Wonders LED LIGHTING

AVAILABILITY DATES

AVAILABLE IMMEDIATELY

- 1.5” LED RGBW Triple and RGBW Single Light in both J and H Styles
- 1.5” LED Light in White

AVAILABLE LATE OCTOBER

- Smart Sync Waterfall for all styles
- 1.5” 1.5” LED RGBW Triple and RGBW Single for P Style

NOVEMBER 2015

- 12” Smart Sync Laminar for all styles

JANUARY 2016

- Smart Sync Bubbler for all styles

CMP everything matters.

Brilliant Wonders LED LIGHTING

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LED LIGHTING

Thank You