

Pool **LED** lighting

2019



www.ccei-pool.com



Since 1973, CCEI has been designing and manufacturing electrical equipment for private and public pools. Over the years, we have acquired **in-depth experience** with pools and their specific constraints.

Starting as a **manufacturer specialized** in electrical boxes, we have expanded our expertise to different fields, including automatic water treatment and lighting for pools to become a leader in Europe.

CCEI's technical team has grown and we now have **recognized skills** in electronics, optics and electrochemistry. With this knowledge, we are able to provide **global, adapted solutions** to pool builders and industries and enhance the safety, ergonomics and reliability of pool facilities.

Our relationships with our partners, clients and suppliers are long-standing and based on shared essential values: **trust and respect**.

Moreover, we strive to contribute to **sustainable development** in the pool industry. By working hand in hand with builders, we look for solutions to reduce energy and water consumption, and, more generally, our impact on the environment.

Every year, CCEI invests substantial amounts in researching **innovative solutions** with the engineering team based in Montreal. From the use of unique processes for managing lighting colors to the contact-free underwater socket, "Plug In Pool®," CCEI endeavours to make pools even simpler and safer to use through innovations.

For more than three years, CCEI Inc., based in Montreal and CCEI USA Inc. based in Los Angeles have worked hard to adapt their products **to North American market requirements** and obtain certifications for UL, CSA, FCC and IC standards.

From design to **manufacturing**, CCEI has mastered each step in the industrialization process of its products.

Our young, experienced North American team enhances its expertise with every new season to better respond to your expectations in order to create, together, **the pool equipment of the future**.

Pierre-Yves FLATTOT
President of CCEI USA

CCEI around the world



Marseilles, France

The company's head office, where tomorrow's pool equipment is dreamt up and produced.



Montréal, Canada

Our Canadian branch manufactures and markets equipment specially selected for the North-American market.



Madrid, Spain

Our business subsidiary based in Madrid, putting CCEI in the heart of the Iberic Peninsula.



Casablanca, Morroco

Our Moroccan branch, which manufactures and markets equipment for Northern Africa, a historical market for CCEI.



Timisoara, Romania

Our Romanian branch, with its efficient manufacturing plant and a business team specialized in distribution throughout Eastern Europe.



Los Angeles, USA

A business subsidiary based on Los Angeles is in charge of the American market.

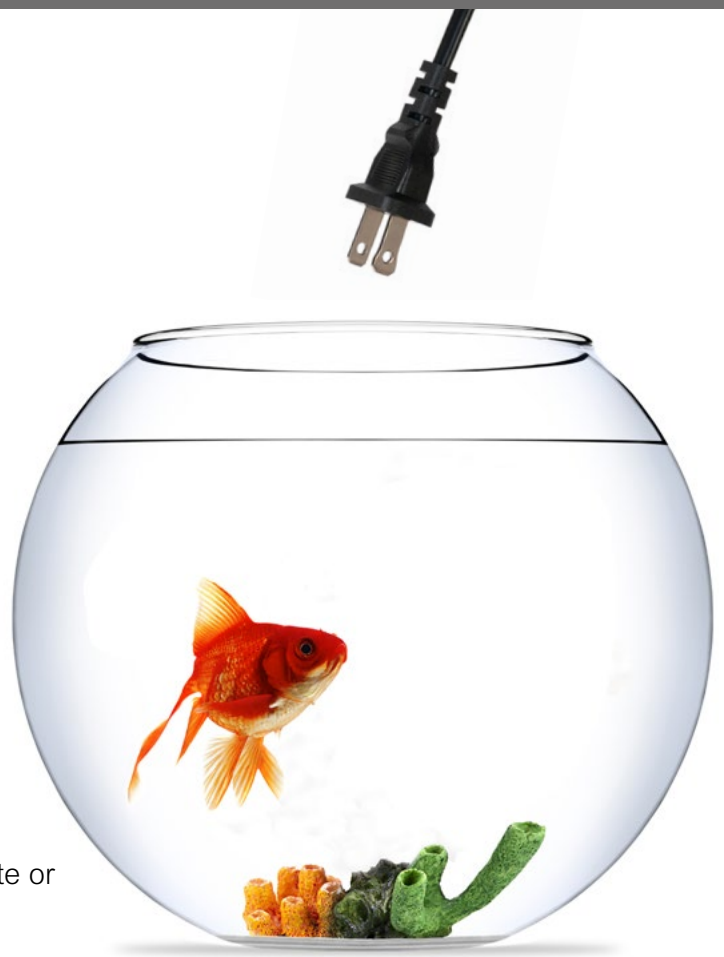
READY FOR THE WIRELESS LIGHT?

Don't worry!

Plug-in-Pool is an underwater electrical outlet that works without contacts. The outlet works on the principle of transmission of electrical energy by induction. With no wires, no contacts and, above all safe, the Plug-in-Pool consists of a waterproof base fixed in the wall of the pool serving as socket for the plug.

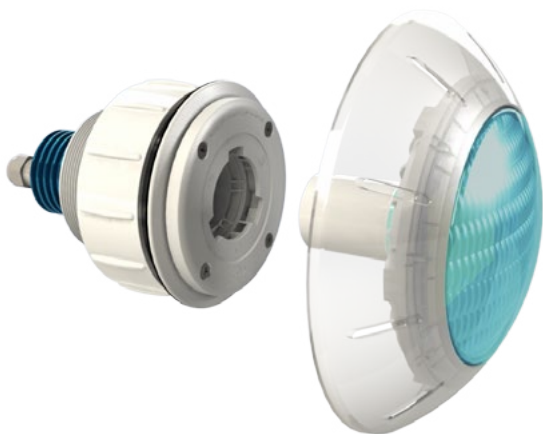
Whenever it is disconnected, the power turns off automatically and you can remove the light and plug accessories.

You can already use Plug-in-Pool system with large and mini light for pool. Each light is available with monochromatic (white or blue) or multicolor lighting.



Plug in Pool®

INDUCTIVE UNDERWATER PLUG FOR POOL DEVICES



- ❖ Wireless
- ❖ Harmless
- ❖ Contactless
- ❖ Limitless





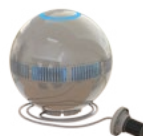
PLUG IN POOL® SYSTEM



Waterproof
socket



Big and mini
underwater lights



Bluetooth®
floating speaker



Renovation kit
for lights

Plug in Pool® socket

Waterproof socket for Plug in Pool® system



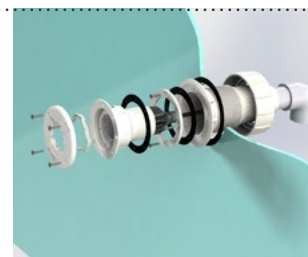
- UNDERWATER INDUCTIVE SOCKET
- WIRELESS POWERING FOR LIGHTS AND ACCESSORIES
- POWERED BY OUR 24V DC TRANSFORMER (SEE P.11)
- EASIEST AND FASTEST WINTERIZING SYSTEM AVAILABLE

Part Number	Description	Photo
PF10R24C/15	Plug-in-Pool socket Cable: 15 feet	
PF10R24C/50	Plug-in-Pool socket Cable: 50 feet	
PF10R24C/100	Plug-in-Pool socket Cable: 100 feet	
PF10R24I	Winterizing plug included Replace the light in winter to prevent freezing	

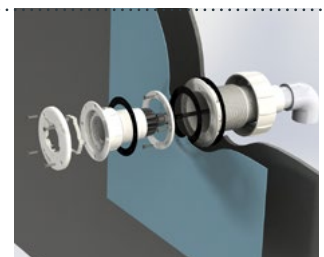
Technical Data

Plug in Pool socket	
Part Number	PF10R24C
Power	52W
Power supply	24V DC power supply
Color control	ON/OFF - BRiO RC+
Cable length*	15ft - 50ft - 100ft

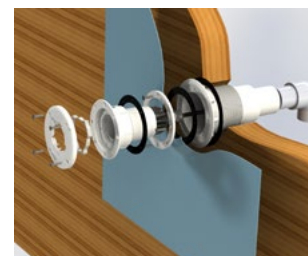
*please contact us for custom length



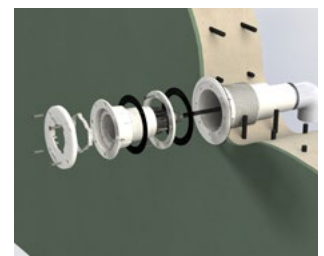
Fiberglass



Liner and panel



Wood and liner



Concrete





Gaia Plug in Pool® light

Large LED light for Plug in Pool® system




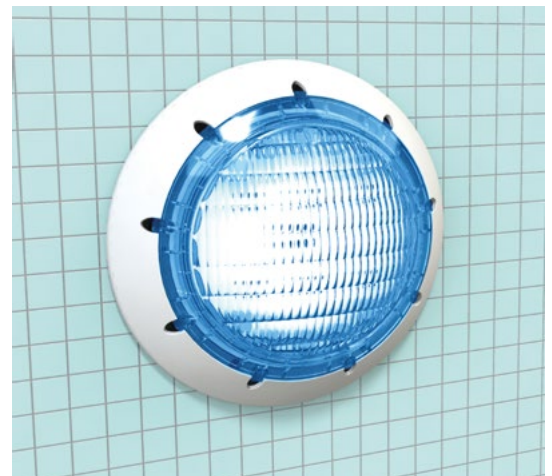
8.66"
220 mm

- INDUCTIVE LIGHT WITH CURVED LENS
- WHITE OR MULTICOLOR
- LED LIGHTING (35W AND UP TO 3,500 LM)
- POWERED EXCLUSIVELY BY THE PLUG IN POOL® SOCKET

Part Number	Description	Photo
PF10R24A	White Gaia light 2 bezels included (white and gray) 	
PF10R25B	Color Gaia light 2 bezels included (white and gray) 11 fixed colors and 7 lighting sequences possible 	

Technical Data

Gaia light	White	Multicolor
Part Number	PF10R24A	PF10R25B
Color	○	
Power	35W	35W
Luminous flux	3500 lm	1150 lm
Power supply	24V DC - Plug-in-Pool socket	
Light angle	120°	
Color control	ON /OFF	BRIO RC+ WIFI BRIO RC+ & ON / OFF



Mini-Gaïa Plug in Pool® light

Compact LED light for Plug in Pool® system



5.12"
130 mm

- **NEW VERSION** : MORE POWERFUL (UP TO 1200 LM) AND NEW DESIGN
- INDUCTIVE LIGHT WITH FLAT LENS
- WHITE OR MULTICOLOR
- LED LIGHTING (12 W UP TO 1200 LM)
- POWERED EXCLUSIVELY BY THE PLUG IN POOL® SOCKET

Part Number	Description	Photo
PK10R803	White Mini-Gaïa light 2 bezels included (white and gray) Ideal for lighting small pools or a specific part of a pool (walking, whirlpool area, etc.)	
PK10R806	Color Mini-Gaïa light 2 bezels included (white and gray) 11 fixed colors and 7 lighting sequences possible Ideal for lighting small pools or a specific part of a pool (walking, whirlpool area, etc.)	

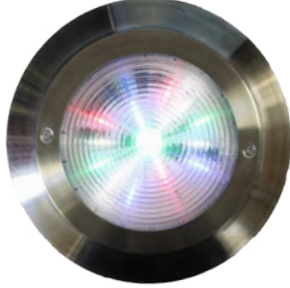
Technical Data

Mini Gaia	White	Multicolor
Part Number	PK10R803	PK10R806
Color	○	●●●
Power	12W	19W
Luminous flux	1200 lm	700 lm
Power supply	24V DC - Plug-in-Pool socket	
Light angle	120°	
Color control	ON /OFF	BRIO RC+ WIFI BRIO RC+ & ON / OFF




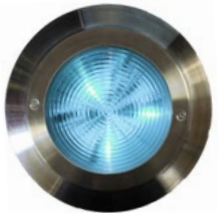

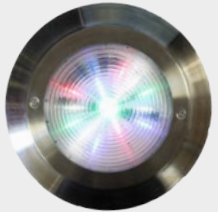
Noria Plug in Pool® light

Large LED light with stainless steel bezel for Plug in Pool® system




8.66"
220 mm

- INDUCTIVE LIGHT WITH FLAT LENS
- WHITE OR MULTICOLOR
- STAINLESS-STEEL BEZEL
- LED LIGHTING (35 W UP TO 3500 LM)
- POWERED EXCLUSIVELY BY THE PLUG IN POOL® SOCKET

Part Number	Description	Photo
PF10R24A/I	White Noria light Stainless steel bezel 316L 	
PF10R25B/I	Color Noria light Stainless steel bezel 316L 11 fixed colors and 7 lighting sequences possible 	

Technical Data

Noria	White	Multicolor
Part Number	PF10R24A/I	PF10R25B/I
Color	○	
Power	35W	35W
Luminous flux	3500 lm	1150 lm
Power supply	24V DC - Plug-in-Pool socket	
Light angle	120°	
Color control	ON /OFF	BRIO RC+ WIFI BRIO RC+ & ON / OFF



Power supply 24V DC

24V DC power supply for Plug in Pool® system

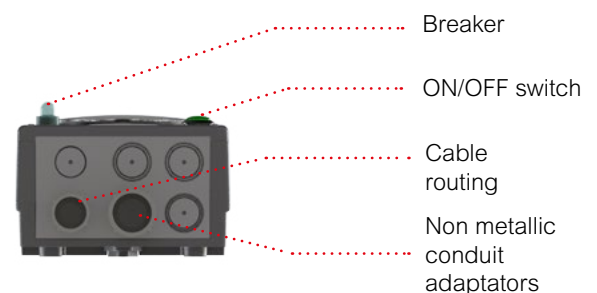


- 24V DC SAFETY POWER SUPPLY
- SPECIFIC POWER SUPPLY FOR PLUG IN POOL SYSTEM
- ON/OFF SWITCH AND BREAKER ON THE FRONT PANEL
- INDOOR OR OUTDOOR INSTALLATION

Part Number	Description	Photo
PF10V202	Power supply 49W – 24V DC ON/OFF switch and breaker on front panel Quick connects included Can power up to 2 large lights or 3 small lights	
PF10V203	Power supply 90W – 24V DC ON/OFF switch and breaker on front panel Quick connects included Can power up to 4 large lights or 6 small lights	

Technical Data

Type	Power supply 24V DC	
Model	49W - 24V DC	90W - 24V DC
Part Number	PF10V202	PF10V203
Dimensions	148 x 256 x 84 mm - 5.83 x 10.08 x 3.31 in	
Power supply	120V AC	
Output voltage	24V DC	
Color control	ON / OFF switch	

























































BRIo RC+ controller – 24V DC

RC+ controller for multi-color lights with Bluetooth® mobile app



- REMOTE CONTROL FOR PLUG IN POOL LIGHTS
- CAN SET LIGHT BRIGHTNESS AND LIGHT SEQUENCES
- RADIO REMOTE CONTROL INCLUDED
- CONTROLLED VIA BLUETOOTH WITH A MOBILE APP

Part Number	Description	Colors & Sequences																																				
PF10R08F	<p>RC+ controller 24V DC for Plug in Pool lights</p> <p>Can control up to 120W of lights (4 large lights or 6 small lights)</p> <p>Color control via the radio remote control included or via the Smartphone app.</p>	<table><tr><td></td><td>Pure white</td><td></td><td>Pink</td></tr><tr><td></td><td>Deep blue</td><td></td><td>Red</td></tr><tr><td></td><td>Blue lagoon</td><td></td><td>Orange</td></tr><tr><td></td><td>Cyan</td><td></td><td>Emerald</td></tr><tr><td></td><td>Magenta</td><td></td><td>Purple</td></tr><tr><td></td><td>Slow rainbow</td><td></td><td>Green water</td></tr><tr><td></td><td>Fast gradient</td><td></td><td>Blue variations</td></tr><tr><td></td><td>Colors parade</td><td></td><td>Random parade</td></tr><tr><td></td><td>Techno rhythm</td><td></td><td>Random colors</td></tr></table>		Pure white		Pink		Deep blue		Red		Blue lagoon		Orange		Cyan		Emerald		Magenta		Purple		Slow rainbow		Green water		Fast gradient		Blue variations		Colors parade		Random parade		Techno rhythm		Random colors
	Pure white		Pink																																			
	Deep blue		Red																																			
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	Colors parade		Random parade																																			
	Techno rhythm		Random colors																																			

Technical Data

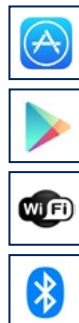
BRIo RC+ - 24V DC	
Part Number	PF10R08F
Dimensions	110 x 160 x 42 mm - 4.33 x 6.30 x 1.65 in
Power supply	24V DC
Connection	Bluetooth® 4.0 Low Energy
Controlled power	120W



NEW

BRiO RC+ Wifi controller

RC+ controller for multi-color lights with Wifi mobile app

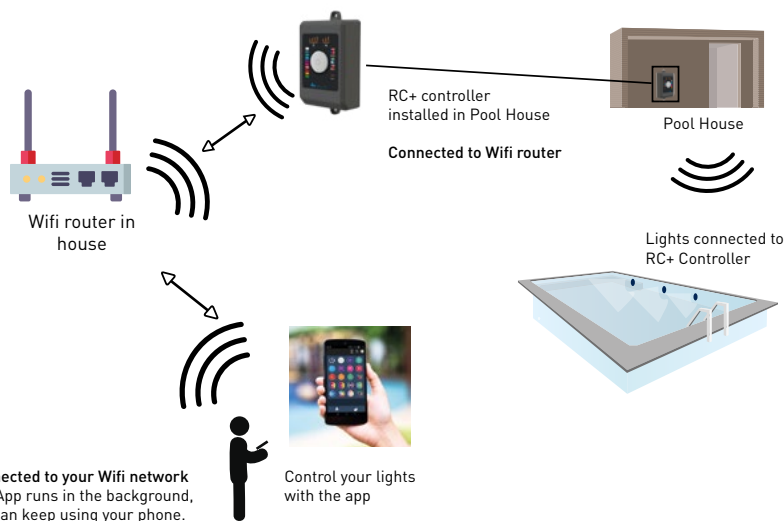


- REMOTE CONTROL WITH SMARTPHONE APP
- RC+ COLORS AND SEQUENCES SELECTION (SEE PREVIOUS PAGE)
- ONE BUTTON FOR ALL FEATURES : COLOR SELECTION, LUMINOSITY VARIATION, ETC.
- CONTROLLER CONNECTED TO WIFI SO YOU KEEP YOUR PHONE FOR NORMAL USE

Part Number	Description	Photo
PF10R08H	<p>RC+ Wifi controller for multi-color lights Version with surface-mount housing</p> <p>Color control via smartphone app. 11 colors and 7 sequences available</p>	

Technical Data

RC+ Wifi 24V DC	
Part Number	PF10R08H
Dimensions	72.5 x 139 x 36 mm - 2.75 x 5.12 x 1.18 in
Power supply	24V DC
Connection	Bluetooth® 4.0 - Wifi 802.11b
Controlled power	120W



Soundbowl Plug in Pool®

Bluetooth® floating speaker with integrated LEDs

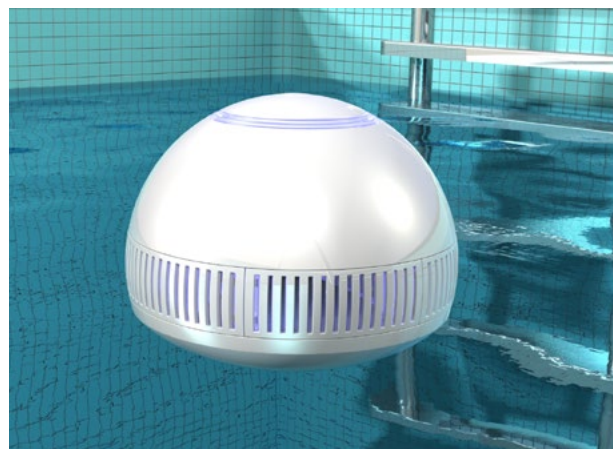


- FLOATING SPEAKER
- TWO VERSIONS: PLUG-IN-POOL® SOCKET OR BATTERY + CHARGER
- BLUETOOTH
- EQUIPPED WITH AN AMBIANCE LED LIGHT

Part Number	Description	Photo
PF10R24E	Soundbowl Plug in Pool Powered with inductive Plug in Pool® socket Bluetooth® LED ambiance and selection buttons (music, volume and LED colors) on the upper panel.	
PF10R24E/B	Soundbowl with battery Integrated battery and charger included Bluetooth® LED ambiance and selection buttons (music, volume and LED colors) on the upper panel.	

Technical Data

SoundBowl		
Model	Plug in Pool	Battery
Part Number	PF10R24E	PF10R24E/B
Dimensions	Ø300 mm - Ø11.81 in	
Power supply	Plug-in-Pool socket	Battery + charger
Connection	Bluetooth® 4.0	
Max Usage Time		4 hours



Plug in Pool® Renovation Kit

Plug-in-Pool adapter + bezel for existing niches Pentair®, Hayward®, Jandy® and Jacuzzi®



- INSTALLATION OF PLUG IN POOL ON EXISTING NICHES
- FOR GAIA LIGHT
- COMPATIBLE WITH ACCESSORIES (SOUNDBOWL, ETC.)
- QUICK AND EASY INSTALLATION
- 2 COLORS AVAILABLE

Part Number	Description	Photo
PF10R14U/W	Plug in Pool Renovation Kit White bezel and adaptor Compatible lights: Gaia	
PF10R14U/G	Plug in Pool Renovation Kit Gray bezel and adaptor Compatible lights: Gaia	

Technical Data

Plug in Pool Renovation Kit		
Color	White	Gray
Part Number	PF10R14U/W	PF10R14U/G

List of compatible niches:

Pentair® : 620004, 78210400, 78210500, 78210600,

78210700, 78232400, 78232500, 79206700

Hayward® : SP0604C, SP0600U, SP0607U, SP0608U

Jandy® : PLNICLRG, SSNICLRG1R, SSNICLRG1S, PLNICVFLRG

Jacuzzi®: 94131234



Renovation line
for existing niches

How to create a Plug-in-Pool® kit?

STEP 1

Select the Plug-in-Pool® socket (p.6)

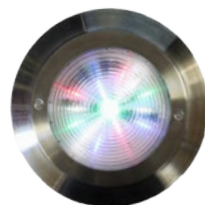
4 possible cable lengths (15 – 50 – 100 ft)
Compatible with all pools
Winterizing plug included



STEP 2

Select light (p.7-9)

1 light per Plug-in-Pool® socket
2 sizes available (large or small)
White or color lighting
Plastic or stainless steel bezel



STEP 3

Select the 24V DC transformer (p.10)

2 possible powers (49- 90 VA)

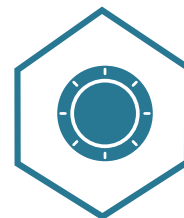


STEP 4

Optional accessories (p11 - 14)

- BRiO RC+ Bluetooth controller
- Bluetooth floating speaker
- Renovation kit for existing niches
- RC+ Wifi controller (p.12)





LED LIGHTS WITH CABLE



Big light
for renovation



Mini-light
for return fitting



Light for
above ground pool




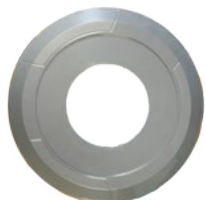

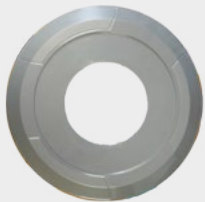
Wifi & Bluetooth
colors controllers

Chroma light

LED light for existing Pentair®, Hayward®, Jandy® and Jacuzzi® niches

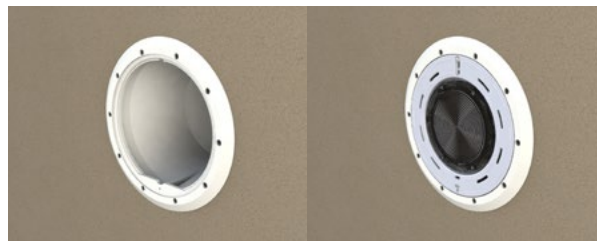


- **RENOVATION LINE**
- INSTALLATION IN EXISTING NICHES
- WHITE OR MULTI-COLOR LIGHTING
- MULTI-COLOR: RC+ OR ON/OFF CONTROL
- EASY INSTALLATION (ADAPTER INCLUDED)

Reference	Description	Photo
PF10R776/15	Chroma white lighting 15 ft. cable - White and gray bezels included	 
PF10R776/50	Chroma white lighting 50 ft. cable - White and gray bezels included	
PF10R776/100	Chroma white lighting 100 ft. cable - White and gray bezels included	
PF10R777/15	Chroma multi-color lighting 15 ft. cable - White and gray bezels included	 
PF10R777/50	Chroma multi-color lighting 50 ft. cable - White and gray bezels included	
PF10R777/100	Chroma multi-color lighting 100 ft. cable - White and gray bezels included	

Technical Data

Chroma light	White	Multicolor
Part Number	PF10R776	PF10R777
Color	○	●●●○
Power	35W	35W
Luminous flux	3500 lm	1150 lm
Power supply	12V AC	
Light angle	120°	
Color control	ON / OFF	BRIO RC+ WIFI BRIO RC+ & ON / OFF



Compatible niches:

Pentair® : 620004, 78210400, 78210500, 78210600, 78210700, 78232400, 78232500, 79206700
Hayward® : SP0604C, SP0600U, SP0607U, SP0608U
Jandy® : PLNICLRG, SSNICLRG1R, SSNICLRG1S, PLNICVFLRG
Jacuzzi® : 94131234



Renovation line
for existing niches

NEW

Mini-BRiO

Mini-LED light for liner return fitting



45 mm
1.97 in



- **NEW VERSION** MORE LUMINOUS
- COMPATIBLE WITH MOST OF THE 1.5" WALL FITTINGS
- WHITE OR MULTI-COLOR LIGHT
- **OPTION** : RETURN FITTING IN 2 VERSIONS

Reference	Description	Photo
PK10R300/15	Mini-BRiO white lighting 15 ft. cable	
PK10R300/50	Mini-BRiO white lighting 50 ft. cable	
PK10R300/100	Mini-BRiO white lighting 100 ft. cable	
PK10R303/15	Mini-BRiO multi-color lighting 15 ft. cable	
PK10R303/50	Mini-BRiO multi-color lighting 50 ft. cable	
PK10R303/100	Mini-BRiO multi-color lighting 100 ft. cable	

Technical Data

Mini-BRiO	White	Multicolor
Part Number Part Number	PK10R300	PK10R303
Color	○	●●●
Power	12W	19W
Luminous flux	1100 lm	770 lm
Power supply	12V AC	
Light angle	120°	
Color control	ON / OFF	BRiO RC+ WIFI BRiO RC+ & ON / OFF



Return fitting for Mini-BRiO

Return fitting for concrete / fiberglass or liner



Liner
version



Concrete / fiberglass
version

- RETURN FITTING FOR MINI BRIO
- 2 VERSIONS : FOR A LINER POOL OR FOR CONCRETE AND FIBERGLASS POOLS.
- MANY COLORS AVAILABLE
- NO BEZEL NEEDED
- WATERTIGHT INSTALLATION WITH THESE 2 RETURNS FITTING

LINER FITTING



PART NUMBER

PF10R291

Liner return

*Supplied with 2 colors
bezels (white and grey)*

CONCRETE / FIBERGLASS FITTING



PART NUMBER

PF10R292

White return

*Anthracite and grey
return fittings available
upon request*

BEZEL FOR LINER POOL - WITHOUT CCEI RETURN FITTING



PART NUMBER

PF10R293

White bezel



TO SCREW IN STANDARD 1.5"
RETURN FITTING (LINER POOL)



ELEGANT DESIGN TO COVER
THE STANDARD RETURN



LIGHT FIXED TO THE BEZEL
NO WORK NEEDED

12V AC transformer

Low-voltage 12-13-14V AC transformer



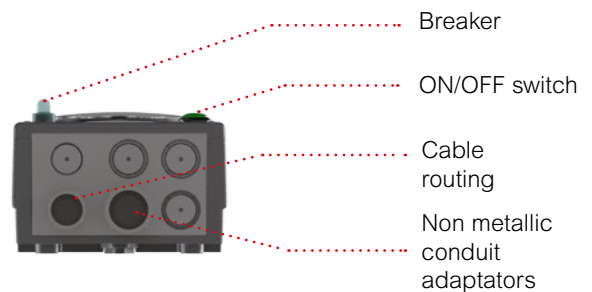
256 mm
10.08 in

- SAFETY 12V AC TRANSFORMER
- ON-OFF SWITCH AND BREAKER ON FRONT PANEL
- INDOOR AND OUTDOOR INSTALLATION

Part Number	Description	Photo
PF10V200	75VA transformer 12-13-14V AC ON/OFF switch on the front panel Quick connects included Can power up to 5 Mini-BRiO <div>75 W</div>	
PF10V201	150VA transformer 12-13-14V AC ON/OFF switch on the front panel Quick connects included Can power up to 10 Mini-BRiO <div>150 W</div>	

Technical Data

AC transformer		
Model	75VA - 12V	150VA - 12V
Part Number	PF10V200	PF10V201
Dimensions	148 x 256 x 84 mm - 5.83 x 10.08 x 3.31 in	
Power supply	120V AC	
Output voltage	12-13-14 V AC	
Color control	ON / OFF switch	





















BRiO RC+ controller – 12V AC



RC+ controller for multi-color lights with Bluetooth® mobil app



- REMOTE CONTROL FOR MINI-COLOR BRIO
- CAN SET LIGHT BRIGHTNESS AND LIGHT SEQUENCES
- RADIO REMOTE CONTROL INCLUDED
- CONTROL VIA BLUETOOTH WITH A MOBILE APP

Part Number	Description	Colors & Sequences
PF10R08E	<p>RC+ controller for multi-color lights Control up to 120W of lights (8 Mini-BRiO)</p> <p>Color control via the radio remote control included or with the Smartphone app.</p>	<div><div> Pure white</div><div> Deep blue</div><div> Blue lagoon</div><div> Cyan</div><div> Magenta</div><div> Slow rainbow</div><div> Fast gradient</div><div> Colors parade</div><div> Techno rhythm</div><div> Pink</div><div> Red</div><div> Orange</div><div> Emerald</div><div> Purple</div><div> Green water</div><div> Blue variations</div><div> Random parade</div><div> Random colors</div></div>

Technical Data

BRiO RC+ - 12V AC	
Part Number	PF10R08E
Dimensions	110 x 160 x 42 mm - 4.33 x 6.30 x 1.65 in
Power supply	12V AC
Connection	Bluetooth® 4.0 Low Energy
Controlled Power	120W



NEW

BRiO RC+ Wifi controller

RC+ controller for multi-color lights with Wifi mobile app

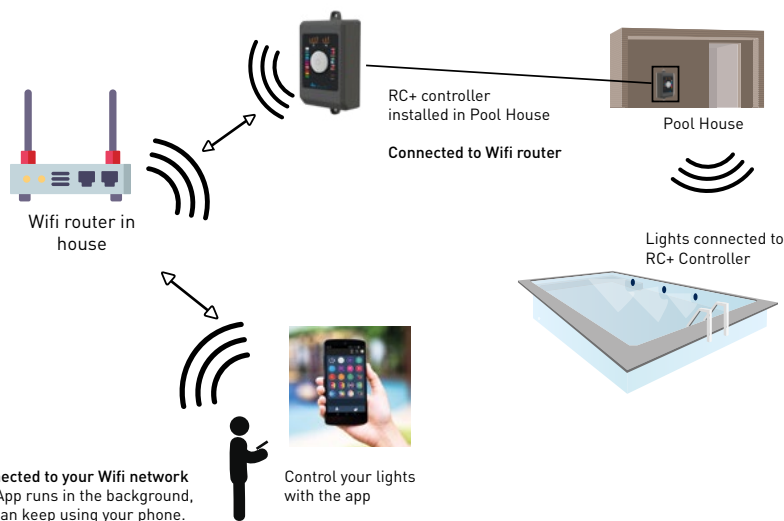


- REMOTE CONTROL WITH SMARTPHONE APP
- RC+ COLORS AND SEQUENCES SELECTION (SEE PREVIOUS PAGE)
- ONE BUTTON FOR ALL FEATURES : COLOR SELECTION, LUMINOSITY VARIATION, ETC.
- CONTROLLER CONNECTED TO WIFI SO YOU KEEP YOUR PHONE FOR NORMAL USE

Part Number	Description	Photo
PF10R0XX	<p>RC+ Wifi controller for multi-color lights Version with surface-mount housing</p> <p>Color control via smartphone app. 11 colors and 7 sequences available</p>	

Technical Data

RC+ Wifi 12V AC	
Part Number	PF10R08J
Dimensions	72.5 x 139 x 36 mm - 2.75 x 5.12 x 1.18 in
Power supply	12V AC
Connection	Bluetooth® 4.0 - Wifi 802.11b
Controlled Power	120W



Borea light

Light for above-ground pool



- SPECIALLY DESIGNED FOR ABOVEGROUND POOLS
- TO BE SCREWED INTO 1.5" RETURN FITTING
- WHITE OR MULTI-COLOR LIGHTING
- MULTI-COLOR: RADIO CONTROL INCLUDED
- 12V AC TRANSFORMER INCLUDED
- EASY AND QUICK INSTALLATION

Part Number	Description	Photo
PF10R420	White Borea light To be screwed into return fitting 12V AC transformer included	
PF10R422	Color Borea light 11 fixed colors and 7 lighting sequences possible 12V AC transformer included Radio remote control included	

Technical Data

Borea light	White	Multicolor
Part Number	PF10R422	PF10R420
Color	○	●●●●
Power	25 W	40 W
Luminous flux	1400 Lm	1150 Lm
Power supply	12V AC - transformer included	
Light angle	120°	
Color control		Radio remote control





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