



# LIGHTING

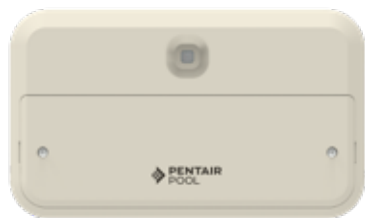
**Updated June 2025**



# INTELLIVIBE™

## POOL LIGHTING SYSTEM

NEW



Controller

The IntelliVibe Pool Lighting System is Pentair Pool's latest lighting innovation. Pool owners can instantly light up pools with millions of colors, multi-zone control, and dimming capabilities, all from their mobile device. It's the perfect customizable combination to make pools a whole vibe.

### Featured Highlights

- Choose from millions of colors and 12 color-changing light shows (seven are new!)
- Independently control up to four pool zones for the ultimate customization
- Dimmable lights set the mood or crank up the energy
- Select any shade of white from bright, cool white to the soothing glow of warm white
- Easy pool control with the Pentair Pool app: a fast, user-friendly way to illuminate the night
- Operable with the required IntelliVibe Controller and IntelliCenter® Automation System
- IntelliVibe Nano, Micro, and Mezzo lights are sold separately and non-backward compatible with Pentair GloBrite, MicroBrite, or IntelliBrite lights

### Ordering Information

Description	Part Number	Diameter	Cable Length	Voltage	Power
INTELLIVIBE POOL LIGHTING SYSTEM					
IntelliVibe Controller	602260	NA	NA	14V	200W
IntelliVibe Nano Light	602268	1"	50'	12V	2W
IntelliVibe Nano Light	602269	1"	100'	12V	2W
IntelliVibe Nano Light	602270	1"	150'	12V	2W
IntelliVibe Micro Light	602278	2"	50'	12V	12W
IntelliVibe Micro Light	602279	2"	100'	12V	12W
IntelliVibe Micro Light	602280	2"	150'	12V	12W
IntelliVibe Mezzo Light	602281	3" (5" with trim ring installed)	50'	12V	24W
IntelliVibe Mezzo Light	602282	3" (5" with trim ring installed)	100'	12V	24W
IntelliVibe Mezzo Light	602283	3" (5" with trim ring installed)	150'	12V	24W
120V to 14V Transformer 300W	619963	NA	NA	120V IN / 12V OUT	300W



#### IntelliVibe Nano

Illuminates shallow water, steps, or landscape and water features in or out of the water.



#### IntelliVibe Mezzo

Powerful compact light illuminates larger pool areas.



#### IntelliVibe Micro

Mounts in 1.5-inch pool fittings to illuminate pools, spas, and sun shelves.

#### CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.  
 ⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.  
 ⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.  
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# INTELLIVIBE™ (CONT'D)

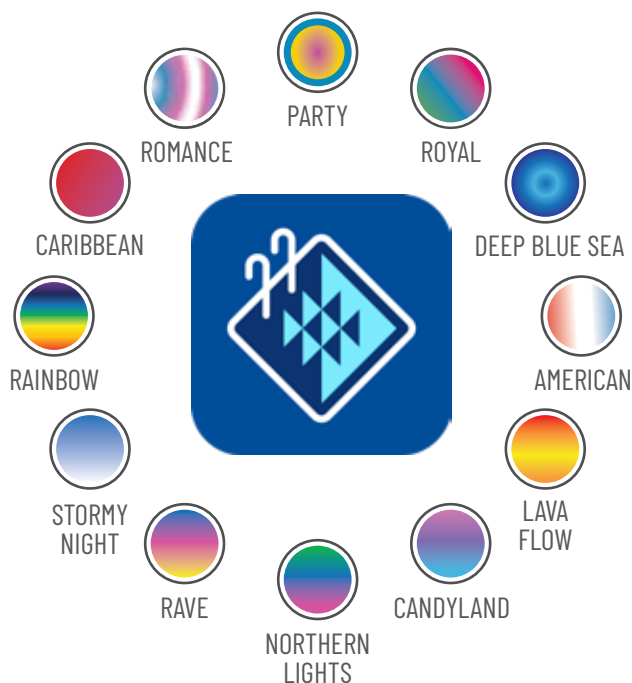
## POOL LIGHTING SYSTEM

ITEM #	DESCRIPTION
ACCESSORIES	
602261	REPLACEMENT PLUGS 4X FOR INTELLIVIBE CONTROLLER
602262	MOUNTING BRACKET REPLACEMENT FOR INTELLIVIBE CONTROLLER
602263	REPLACEMENT FUSE, 10A 4X FOR OUTPUT CHANNEL
602264	GASKET KIT FOR INTELLIVIBE HOUSING
602265	HOUSING COVER REPLACEMENT FOR INTELLIVIBE CONTROLLER
602266	HARDWARE REPLACEMENT KIT FOR INTELLIVIBE CONTROLLER
618040	ADAPTER MICROBRITE/MICRO TO GLOBRITE NICHE
620463	O-RING CONDUIT MICROBRITE/MICRO REPLACEMENT
620460	1.5" THREADED ADAPTER FOR MICROBRITE/MICRO REPLACEMENT

ITEM#	DESCRIPTION	FITTING TYPE	DEPTH (mm)	COLOR	POOL TYPE
ACCESSORIES					
602271	INTELLIVIBE NANO NICHE - GUNITE	NANO NICHE	NA	NA	GUNITE
602272	INTELLIVIBE NANO NICHE - VINYL LINER	NANO NICHE	NA	WHITE	VINYL LINER
602273	INTELLIVIBE NANO NICHE - FIBERGLASS	NANO NICHE	NA	NA	FIBERGLASS
602274	INTELLIVIBE NANO 1.5" FITTING ADAPTER	1.5" RETURN FITTING	NA	NA	ALL
602275	INTELLIVIBE NANO INSTALL TOOL	NANO NICHE	NA	NA	ALL



Pentair Pool App



Color Shows

IMAGINE THE POSSIBILITIES AT [WWW.PENTAIR.COM/INTELLIVIBE](http://WWW.PENTAIR.COM/INTELLIVIBE)

# INTELLIVIBE™ (CONT'D)

## POOL LIGHTING SYSTEM

ITEM#	DESCRIPTION	FITTING TYPE	DEPTH (MM)	COLOR	POOL TYPE
ACCESSORIES					
602276	INTELLIVIBE NANO REMOVAL TOOL VINYL LINER	NANO NICHE	NA	NA	NA
619114	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	GRAY	VINYL
619120	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	WHITE	VINYL
619126	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	TAN	VINYL
619132	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	BLACK	VINYL
619138	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	BLUE	VINYL
619110	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	GRAY	FIBERGLASS/ GUNITE
619111	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	WHITE	FIBERGLASS/ GUNITE
619112	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	TAN	FIBERGLASS/ GUNITE
619113	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	BLACK	FIBERGLASS/ GUNITE
619115	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	BLUE	FIBERGLASS/ GUNITE
619116	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	GRAY	VINYL
619117	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	WHITE	VINYL
619118	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	TAN	VINYL
619119	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	BLACK	VINYL
619121	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	BLUE	VINYL
619122	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	GRAY	VINYL
619123	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	WHITE	VINYL
619124	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	TAN	VINYL
619125	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	BLACK	VINYL
619127	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	BLUE	VINYL
619128	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	GRAY	GUNITE
619129	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	WHITE	GUNITE
619130	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	TAN	GUNITE
619131	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	BLACK	GUNITE
619133	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	BLUE	GUNITE
619134	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	GRAY	FIBERGLASS
619135	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	WHITE	FIBERGLASS
619136	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	TAN	FIBERGLASS
619137	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	BLACK	FIBERGLASS
619139	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	BLUE	FIBERGLASS



IntelliVibe Mezzo  
White Trim Ring



White IntelliVibe Nano  
Niche Fiberglass



IntelliVibe Nano Niche  
Gunite (5-pack)

### Certifications

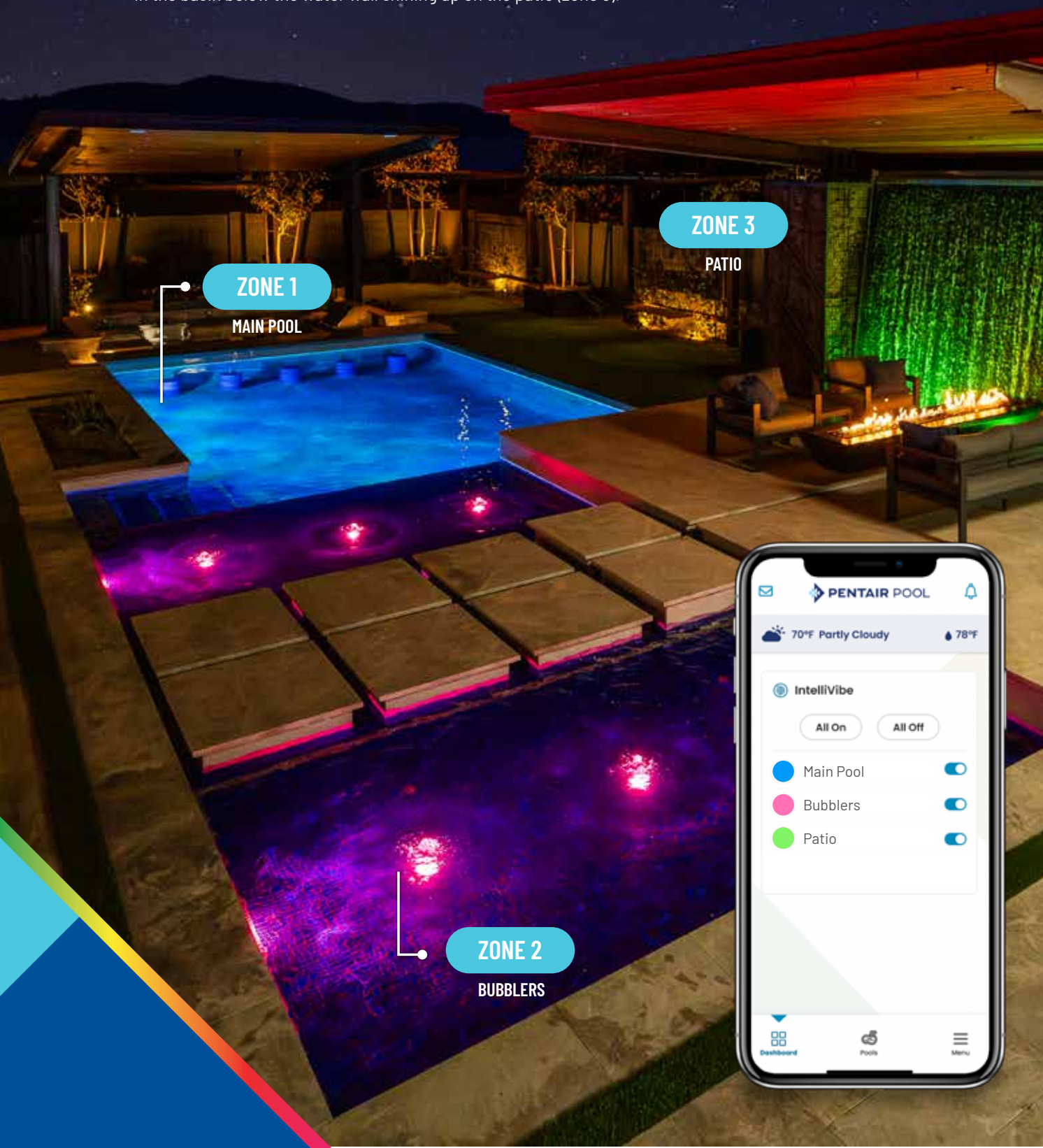




# The IntelliVibe™ Lights bring the vibes.

Pool owners can control up to four pool zones and label them accordingly within the Pentair Pool app.

The pool shown operates with three Mezzo Lights in the main pool area (zone 1), six Micro Lights for the bubblers (zone 2), and four Mezzo Lights in the basin below the water wall shining up on the patio (zone 3).



# INTELLIBRITE®

## ARCHITECTURAL SERIES POOL & SPA LIGHTING

### TRADEGRADE



IntelliBrite Architectural  
Series Pool Light

IntelliBrite Architectural  
Series Spa Light

Our improved patented design illuminates pools for a brighter and more vibrant experience. It's like having a brand new pool to explore.

### Featured Highlights

- More light, more energy efficient — now 60% brighter and 50% more energy efficient\*
- Spreads light widely and evenly in all directions using a 3D light engine and convex lens
- Provides cleaner white light with no color separation thanks to improved optics
- Color for every mood with five brilliant color lights and seven dynamic color-changing light shows
- High-quality components add durability to the dazzle due to long-lasting construction
- Compatibility with Pentair 10" and 6" niches enables an ideal upgrade from incandescent or first-generation LED lights
- Adds instant ambiance with easy customer pool control through a Pentair automation system, if available, or a Color Sync™ Controller for Pentair Color LED Lights

### Ordering Information

Product Number By Cord Length (Feet)				Size	Model	Voltage	Power
50'	100'	150'	250'				
INTELLIBRITE ARCHITECTURAL SERIES POOL & SPA LIGHTING							
602186	602187	602188	602206	Pool	Color	120V	28W
602152	602153	602154	—	Pool	Color	12V	28W
602202	602203	602204	602205	Spa	Color	120V	18W
602198	602199	602200	—	Spa	Color	12V	18W
602182	602183	602184	602207	Pool	White, 300W Equivalent	120V	26W
602144	602145	602146	—	Pool	White, 300W Equivalent	12V	26W
602178	602179	602180	602208	Pool	White, 500W Equivalent	120V	31W
602140	602141	602142	—	Pool	White, 500W Equivalent	12V	31W
602194	602195	602196	602209	Spa	White, 100W Equivalent	120V	18W
618016	618017	618018	—	Spa	White, 100W Equivalent	12V	18W
602190	602191	602192	602221	Pool	Warm White	120V	31W
602148	602149	602150	—	Pool	Warm White	12V	31W
602226	602227	602228	602229	Spa	Warm White	120V	18W
602239	602240	602241	—	Spa	Warm White	12V	18W
—	—	602236	—	Pool	Turtle	12V	31W
—	—	602223	—	Pool	Turtle	120V	31W
—	—	602242	—	Spa	Turtle	12V	18W
—	—	602231	—	Spa	Turtle	120V	18W

\*Compared to Pentair IntelliBrite 5G Color LED Pool Light in white color mode only. The IntelliBrite Architectural Series delivers higher lumen output (brightness) and lumen per watt efficiency compared to the IntelliBrite 5G Color LED Pool Light depending on color mode. The brightness increases for each color are as follows: 28% for blue; 60% for white (RGB); 118% for green; 141% for red. Energy efficiency improvements for each color are as follows: 17% for blue; 50% for white (RGB); 58% for green; 19% for red. Testing was conducted and measured in an open-air environment without water present. Actual performance results may vary when the lights are utilized in different settings and water conditions.

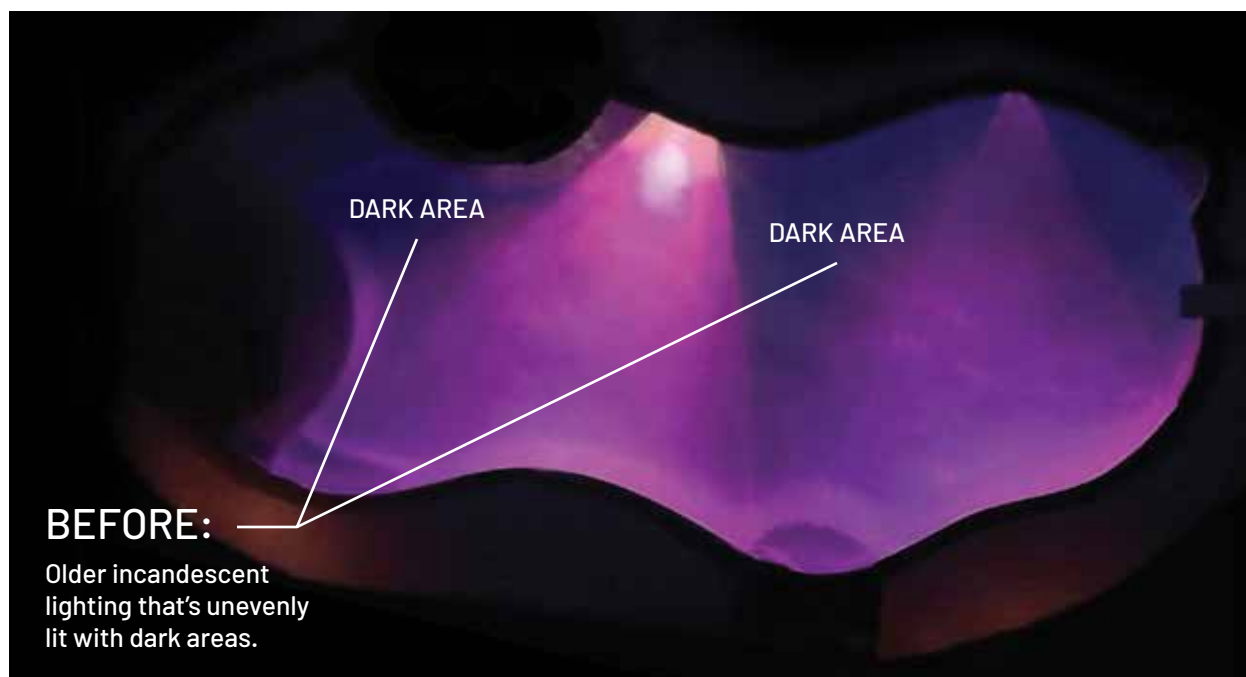
Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

#### CALIFORNIA PROPOSITION 65 WARNING

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## INTELLIBRITE® (CONT'D)

### ARCHITECTURAL SERIES POOL & SPA LIGHTING



#### Certifications



# MICROBRITE®

## COLOR AND WHITE LED LIGHT

### TRADEGRADE



Give pools a brilliant lighting upgrade without the installation difficulties.

Only 3.5-in. long, MicroBrite lights fit easily into standard 1.5-in. wall fittings and are suitable for retrofit into many pools with older fiber optic systems.

Note: Only MicroBrite White and Warm White lights have three different brightness levels. MicroBrite Color lights have one brightness level.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

### Featured Highlights

- Energy-saving, LED efficiency from one of the industry's most compact 12V LED plastic light
- Only 3.5 inches long, fits into narrow walls and tight spaces, can be installed horizontally or vertically
- No niche required — installs in any standard 1.5 inch pool wall fitting
- Connect to any Pentair control system or the Pentair Color Sync™ Controller
- MicroBrite Color lights feature five fixed colors and seven popular color shows that come preprogrammed into the MicroBrite light.
- MicroBrite White and Warm White lights allow the selection of three brightness levels (100%, 75% and 50%)

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### Ordering Information

Product	Description	Color	Lights	Cord Length	Voltage	Watts
MICROBRITE LED LIGHT						
620424	MicroBrite Light	Color LED	One	50'	12V	12W
620425	MicroBrite Light	Color LED	One	100'	12V	12W
620426	MicroBrite Light	Color LED	One	150'	12V	12W
602214	MicroBrite-G Light	Color LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	100'	12V	12W
602166	MicroBrite-G Light	Color LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	150'	12V	12W
620428	MicroBrite Light	White LED	One	50'	12V	12W
620429	MicroBrite Light	White LED	One	100'	12V	12W
620430	MicroBrite Light	White LED	One	150'	12V	12W
602213	MicroBrite-G Light	White LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	100'	12V	12W
602165	MicroBrite-G Light	White LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	150'	12V	12W
602156	MicroBrite Light	Warm White LED	One	50'	12V	12W
620457	MicroBrite Light	Warm White LED	One	100'	12V	12W
602155	MicroBrite Light	Warm White LED	One	150'	12V	12W
602215	MicroBrite-G Light	Warm White LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	100'	12V	12W
602167	MicroBrite-G Light	Warm White LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	150'	12V	12W
602157	MicroBrite Light	Turtle Edition*	One	150'	12V	12W
618040	Adapter for MicroBrite to GloBrite	Adapter allows a MicroBrite light to be installed into a Pentair GloBrite Niche or Pentair ColorVision Bubbler				

\*620nm red/orange light, for special oceanfront pool applications in certain areas with regulations intended to protect sea turtles.

Note: Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.



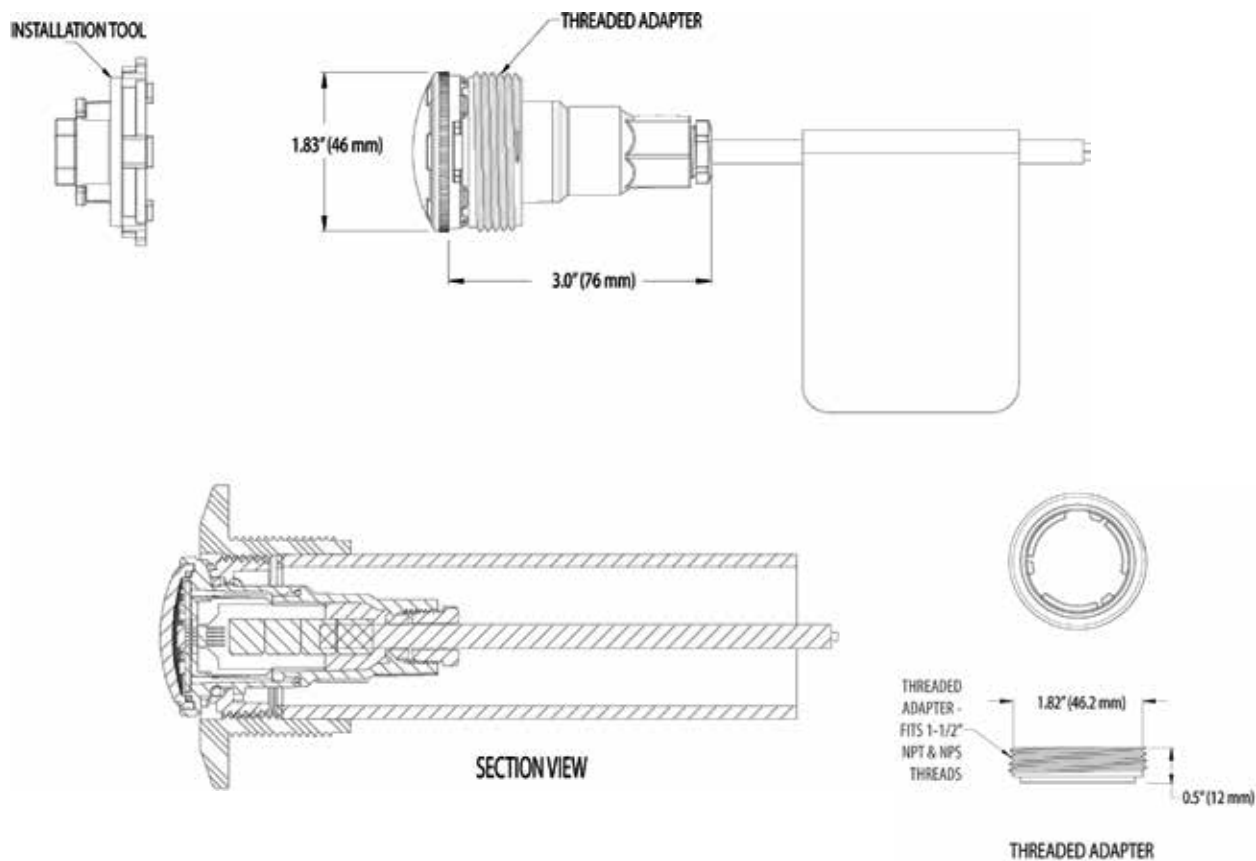
# MICROBRITE® (CONT'D)

## COLOR AND WHITE LED LIGHT

Product	Description
REPLACEMENT KITS	
620460	MicroBrite Light Adaptor, Replacement
602158Z	Installation Tool, Replacement (Hand/Grip Style)
620463	Conduit Seal O-Ring, Replacement
618040	Adapter for MicroBrite to GloBrite Niche

Product	Voltage	Wattage
TRANSFORMERS (LANDSCAPE POOL RATED)		
619962	120V Input, 12-14V Output	100W
619963	120V Input, 12-14V Output	300W

### Dimensions and Certifications



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SEE PAGE 401 FOR REPLACEMENT PARTS

# GLOBRITE® WHITE AND COLOR LED LIGHTS

## UNDERWATER LED LIGHTS FOR SWIMMING POOLS AND SPAS

### TRADEGRADE



### Featured Highlights

- Energy-efficient, high quality pool lighting
- Can be placed in as little as 4 in. of water, even in the floor pointing up
- Does not require grounding or bonding for quick and easy installations
- Five brilliant fixed colors and seven pre-programmed light shows
- Controlled with Color Sync™ Controller or Pentair automation systems
- Compatible with gunite/concrete, fiberglass and vinyl pools

GloBrite LED lighting is a brilliant way to showcase pools and highlight pool features like sun shelves, steps, beach entries, and bubblers.

Note: GloBrite White lights have three different brightness levels. GloBrite Color lights have one brightness level.

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### Ordering Information

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE COLOR LED LIGHTS					
602054	12	15W	50	1	6
602055	12	15W	100	1	9
602056	12	15W	150	1	12

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE WHITE LED LIGHTS					
602103	12	15W	50	1	6
602104	12	15W	100	1	9
602105	12	15W	150	1	12

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE NICHES			
620040	Gunite/Concrete Niche for GloBrite (includes white, blue, black, gray and tan rings)	1	1.3
620039	Vinyl Niche for GloBrite (includes white, blue, and gray rings)	1	1.3
620041	Fiberglass Niche for GloBrite (white)	1	1.3
620093	Fiberglass Niche for GloBrite (blue)	1	1.3
620094	Fiberglass Niche for GloBrite (gray)	1	1.3

NOTE: Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

**GLOBRITE® WHITE AND COLOR LED LIGHTS (CONT'D)**

## UNDERWATER LED LIGHTS FOR SWIMMING POOLS AND SPAS

**Ordering Information**

Product		Description	Carton Qty.	Carton Wt. (Lbs.)
TRANSFORMERS (LANDSCAPE AND POOL RATED)				
619962	120V Input, 12-14V Output	100W	1	12
619963	120V Input, 12-14V Output	300W	1	12
ACCESSORIES				
620314	GloBrite LED Light Glare Shield			
602136	Replacement Face Ring Kit for GloBrite Vinyl Liner Niche, Blue*			
602137	Replacement Face Ring Kit for GloBrite Vinyl Liner Niche, Gray*			
602138	Replacement Face Ring Kit for GloBrite Vinyl Liner Niche, White*			

\* Includes three (3) faceplates in specified color, three (3) gaskets, twelve (12) screws.  
Each kit can fully equip three (3) GloBrite lights with new faceplates, gaskets and screws.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

**Certifications**

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PN 200714

# COLOR SYNC™ CONTROLLER

## FOR LEGACY PENTAIR COLOR LED POOL LIGHTS

With the Color Sync Controller, your customers can quickly, easily, and remotely turn their backyard oasis into a true extension of their home. Convenient control through the Pentair Pool app puts them in the driver's seat to automate a vibrant pool experience that matches their mood.



### Featured Highlights

- Universally compatible with all Pentair Color LED lights except the IntelliVibe Pool Lighting System (requires its own controller)
- Convenient control with the Pentair Pool app
- Create dazzling light shows from seven existing themes and five colors
- Easily save favorite color settings for future use
- Set automated schedules through the app
- Weatherproof design for outdoor installation
- GPS enabled to automatically turn on at twilight
- Weekday vs. weekend options, with multiple runtime options

Compatible with legacy Pentair lights for pools that don't have automation systems. Compatible lights include MicroBrite® Color LED Lights, GloBrite® Color Changing LED Lights, IntelliBrite® 5G Color LED Pool Light, IntelliBrite Architectural Series Color Pool Light, ColorVision® LED Bubbler, and MagicStream® Laminars.

### Ordering Information

Product	Descriptor
COLOR SYNC™ CONTROLLER	
618031	Color Sync Controller

NOTE: Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

### Certifications



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PN201763

SEE PAGE 401 FOR REPLACEMENT PARTS



**AMERLITE®****UNDERWATER INCANDESCENT LIGHTS WITH S/S FACE RINGS****Featured Highlights**

- A standard of reliability
- Stainless steel face ring with uni-tension clamp
- Prismatic tempered lens
- Low water cutoff

**TRADEGRADE**

Amerlite Incandescent Light

Amerlite light, a standard of reliability for underwater lights, features a stainless steel shell, 8-3/8 in. prismatic tempered glass lens, and stainless steel face ring with uni-tension clamp. Amerlite lights are UL listed to install in full-sized Pentair Pool Products, American, PacFab, and Purex niches.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

**Ordering Information**

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
<b>AMERLITE WITH STAINLESS STEEL FACE RING – 400 WATT, 120 VOLT</b>					
78448100	120	400	50'	1	10
78447100	120	400	150'	1	20
<b>AMERLITE WITH STAINLESS STEEL FACE RING – 500 WATT, 120 VOLT</b>					
78458100	120	500	50'	1	10
78456300	120	500	100'	1	15
78457100	120	500	150'	1	20

## CALIFORNIA PROPOSITION 65 WARNING

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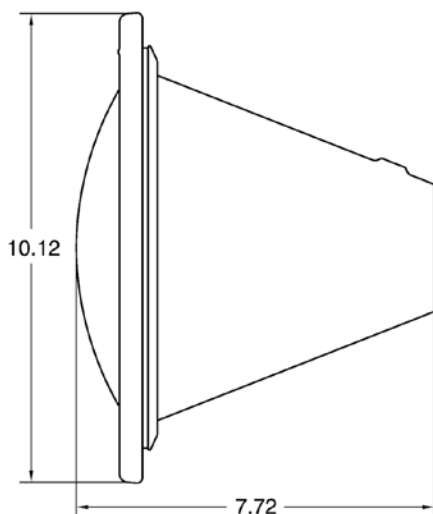
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PN 20171A

SEE PAGE 401 FOR REPLACEMENT PARTS

**AMERLITE® (CONT'D)****UNDERWATER INCANDESCENT LIGHTS WITH S/S FACE RINGS**

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
LENS, COVERS, AND FACE RINGS FOR AMERLITE					
79100100	Clear Lens, tempered			1	1
79110600	Stainless Steel Face Ring			1	1/2

**Dimensions and Certifications**

Note: All 120 volt pool and spa lights must be connected to a branch circuit protected by a ground fault circuit interrupter (GFCI).

Note: All cord lengths over 50 feet on 12 volt lights create resistance that dramatically reduces the light output. This condition exists on all low voltage lights regardless of design or manufacturer.

Notice: Underwriters Laboratories has listed Pentair Water Pool and Spa, Inc. lights for use with Pentair Water Pool and Spa, Pentair Pool Products, American Products, Purex, or PacFab niches ONLY. To ensure proper grounding/bonding connections install only Pentair Water Pool and Spa lights in Pentair, Water Pool and Spa, Pentair Pool Products, American Products, Purex, or PacFab niches only.

Note: **Amerlite** Incandescent Lights can be utilized to replace: **Sta-Rite**: SunSaver, SunGlow. **Purex-Triton**: Hatteras. **PacFab**: AmerQuartz, Spectrum Amerlite (SAM). To ensure proper grounding of replacement lights, please see the notice directly above.

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PN201763

# PENTAIR LARGE STAINLESS STEEL NICHES

## NICHES FOR SWIMMING POOLS AND SPAS

### Featured Highlights

- Niches for all installations
- Stainless steel housing
- Brass hub: 3/4 or 1 in.
- Internal/external bonding lugs
- Vinyl niches with chrome/brass sealing rings
- Sandwich gasket for vinyl
- Powder coated sealing ring (optional)



Pentair Large Niches

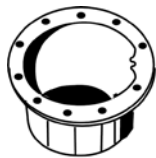
Large stainless steel niches are formed with brass fittings. All niches have internal and external grounding lugs for use with either metal or PVC conduit.

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### Ordering Information

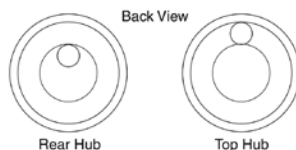
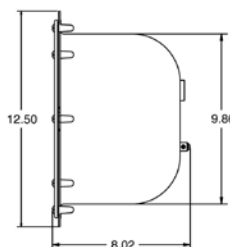
Product	Description	Carton Qty.	Carton Wt. (Lbs.)
LARGE STAINLESS STEEL NICHES FOR CONCRETE INSTALLATION			
78210400	3/4 in. top hub	1	3
78210700	3/4 in. rear hub	1	3
78210500	1 in. top hub	1	3
78210600	1 in. rear hub	1	3
VINYL AND FIBERGLASS INSTALLATION, STANDARD 10 HOLE PATTERN			
78232400	Fiberglass/liner, 3/4 in. rear hub	1	5
78232500	Fiberglass/liner, 1 in. rear hub	1	5
LARGE STAINLESS STEEL NICHE, CONCRETE SHIELD			
45361000	Niche Shield for construction	1	0.325
79211600Z	Replacement/Repair Niche plaster ring	1	5
LARGE STAINLESS STEEL NICHE - CANADIAN LIGHTS			
78210701	For Concrete Installation - 3/4 in. rear hub	1	0.25
78232401	For Vinyl and Fiberglass Installation - 3/4 in. rear hub	1	0.25
POWDER COATED SEALING RINGS, VINYL/FIBERGLASS			
79200255	Sealing ring, large niche (white)	1	0.01
SEALANT FOR NICHE BONDING LUGS			
60028300	Listed potting compound	1	0.0375



Standard 10 Hole Pattern



Gunite Hole Pattern



### Dimensions and Certifications



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# PENTAIR SMALL STAINLESS STEEL NICHES

## NICHES FOR SWIMMING POOLS AND SPAS



Pentair Small Niches

Small stainless steel niches are formed with brass fittings. All niches have internal and external bonding lugs and can be used with either metal or PVC conduit.

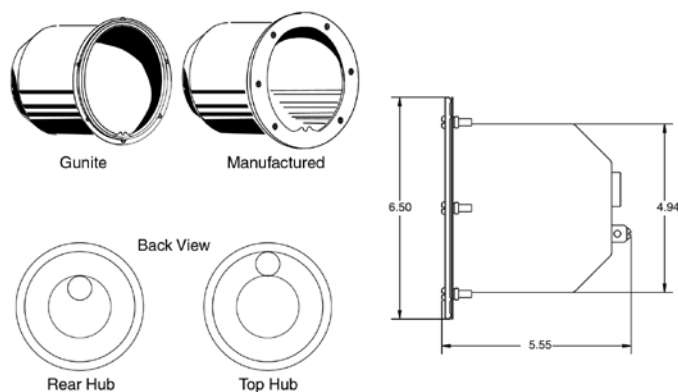
### Featured Highlights

- Stainless steel housing
- Brass hub: 3/4 or 1 in.
- Internal/external bonding lugs
- Vinyl niches with chrome/brass sealing rings
- Niches for all installations
- Sandwich gasket for vinyl

### Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
<b>SMALL STAINLESS STEEL NICHES FOR CONCRETE INSTALLATION</b>			
78243200	Concrete pools or spas, 3/4 in. top hub	1	2
78244200	Concrete pools or spas, 3/4 in. rear hub	1	2
78243300	Concrete pools or spas, 1 in. top hub	1	2
78244300	Concrete pools or spas, 1 in. rear hub	1	2
<b>MANUFACTURED POOLS, SPAS &amp; TUBS INSTALLATION</b>			
78242200	Manufactured pools, spas & tubs, 3/4 in. rear hub	1	3
78242300	Manufactured pools, spas & tubs, 1 in. rear hub	1	3
<b>SMALL STAINLESS STEEL NICHE SHIELD</b>			
45361500	Niche shield for SpaBrite/Aqualight Niche	1	0.25
<b>VINYL/FIBERGLASS NICHE SEALING RING, POWDER-COATED</b>			
79206055	Sealing ring, small niche	1	0.01
<b>SEALANT FOR NICHE BONDING LUGS</b>			
60028300	Listed potting compound	1	0.325
<b>SMALL STAINLESS STEEL NICHES - CANADIAN LIGHTS</b>			
78241202	For manufactured pools, spas & tubs, 3/4" top hub - Canadian Lights	12	2
78242202	For manufactured pools, spas & tubs, 3/4" rear hub - Canadian Lights	12	2
78244202	For Concrete Installation - 3/4 in. rear hub - Canadian Lights	12	3

### Dimensions and Certifications



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SEE PAGE 401 FOR REPLACEMENT PARTS



# PLASTIC NICHEs

## PLASTIC NICHEs FOR SWIMMING POOLs AND SPAs

### Featured Highlights

#### Gunite Plastic Niche:

- Innovative cord seal grommet (Accessory sold separately)
- Large and small models
- Rebar tie-backs
- Plaster ring for secure sealing
- Internal/external bonding lugs
- High strength PVC construction
- Rear one inch PVC hub
- Includes 45° and 3/4 in. reducer bushings
- Includes gunite/plaster shield

#### QuickNiche:

- Revolutionary design mounts and seals like a vinyl inlet fitting
- No screws directly through the pool wall as with conventional vinyl niches
- Designed for quick and easy, one-person installation
- Rubber gasket overmolded on seal ring for reliable sealing
- Built-in current-collecting ring for maximum safety
- Zero wall panel exposure
- Fits standard niche panel
- UL listed



**Gunite Plastic Niche** – These plastic concrete niches are molded of high strength, corrosion resistant PVC with a one inch PVC hub. Both 450 and 3/4 in. reducer bushings are included. Gunite models feature rebar tie-backs and a plaster ring for clean, simple installations and all are packed with a gunite/plaster shield.



**QuickNiche™ Vinyl Liner Niche** – One look at the QuickNiche is all it takes to see that this is a product that really lives up to its name. It is an easy-to-install, super-sealing light niche for vinyl liner pools. It features a revolutionary lock-ring design that mounts and seals like a vinyl inlet fitting fast, secure, and totally leak proof.

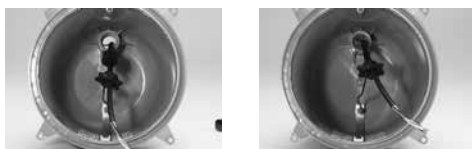
### Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
PLASTIC NICHE - CONCRETE			
79206600	Small PVC niche, concrete <sup>1</sup>	1	2
79206700	Large PVC niche, concrete <sup>1</sup>	1	3
PLASTIC NICHE - VINYL			
620004	QuickNiche <sup>1,2</sup>	1	1
630044Z	QuickNiche gray seal ring	1	1
ACCESSORIES			
670044	Cord Seal Grommet Kit	3	1

<sup>1</sup> Plastic niches are only listed for use with 12V lights in Canada.

<sup>2</sup> Cord seal grommet not available for Quick Niche.

### Dimensions and Certifications



Innovative cord seal grommet accessory  
(p/n 670044Z)

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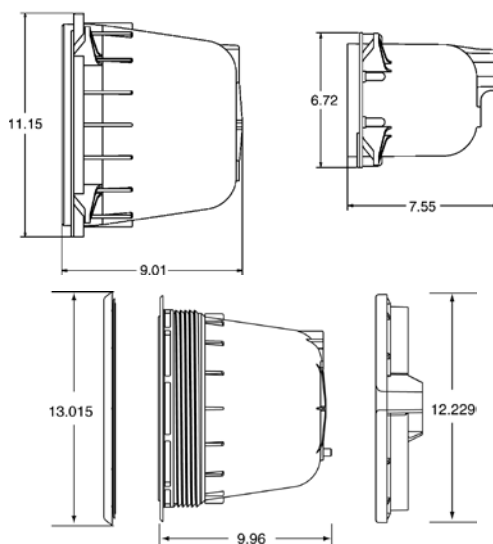
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SEE PAGE 401 FOR REPLACEMENT PARTS

# JUNCTION BOXES

## ADD-ON FEATURES AND ACCESSORIES FOR ALL PENTAIR LIGHTS

Our optional light and niche features are designed to enhance our standard products and accommodate your specific project requirements.

### Featured Highlights

#### Junction Boxes

- Available in 3 sizes: 1/2, 3/4 & 1 in.
- Polycarbonate cover with brass base
- Built-in strain relief
- UL listed

### Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
VINYL NICHE SEALING RING, WHITE POWDER-COATED			
79200255	Sealing ring, large niche	1	0.01
79206055	Sealing ring, small niche	1	0.01
JUNCTION BOX BRASS BASE W/ POLYCARBONATE COVER <sup>1</sup>			
78310500	(3) - 1/2 in. ports	1	1
78310600	(3) - 3/4 in. ports	1	1
78310700	3/4 in. x 1 in. x 3/4 in. ports	1	1

<sup>1</sup> UL Listed.

### Certifications



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