



GEMAS SLIM LED LIGHTS



"Pool Technology"

Description

This LED lights has been designed to be used totally submerged in water. It is a Class III electric apparatus with very low safety voltage (12V with alternating current).

Technical Features

- Special, elegant flat design. With completely resin isolated led circuits, 5 years unconditional water leakage warranty.
- Ultra slim design which has only 35 mm thickness from the wall.
- It is suitable with every PAR 56 bulb with niche in the market.
- Easy installment in concrete pools only with 2 screws.
- Comes with liner installation kit which let consumers to install easier in liner pools.
- Light screen in transparent polycarbonate.
- The length of the cable is 2,5 m and the cross section is 2x1,5 mm.
- Embedded into special transparent resin.
- Polycarbonate light body.
- Epoxy PCB
- IP68 rated water isolation sustained.
- Replacement kit include all necessary fixtures to be installed in the niches.

Light Specification

All led models are in A+ energy class.



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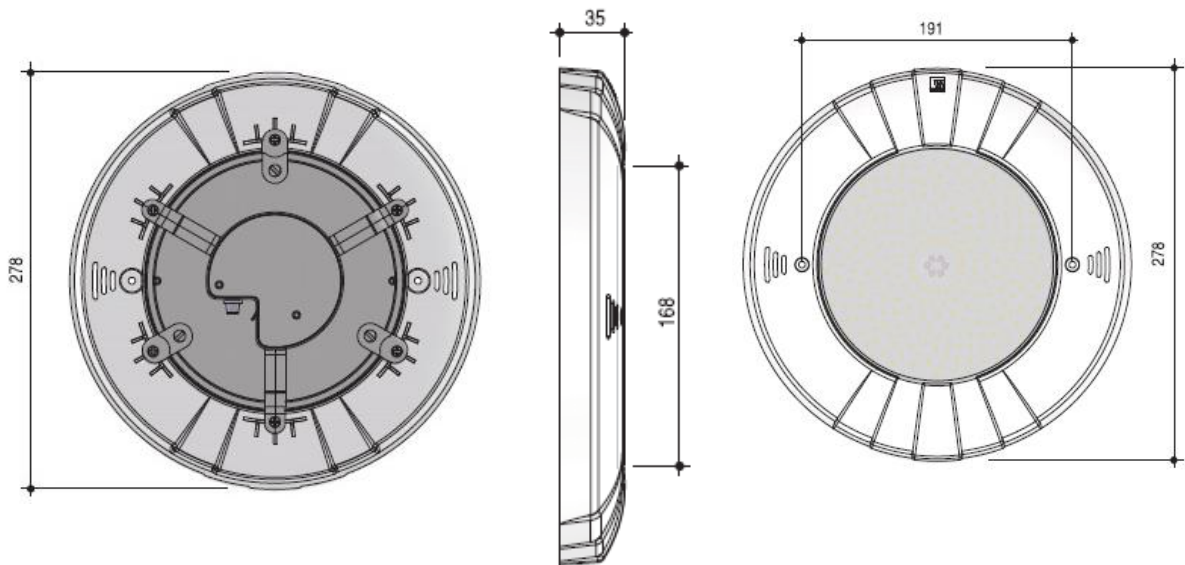


Underwater Slim LED Lights for Concrete Pools

Gemas Code	LED Quantity	Color	Power	Luminous Flux (lm)	Light Angle	System
051140	252	White	50W	4500	120°	Single Color
051141	252	Daylight	50W	4500	120°	
051130	81	White	35W	3000	120°	
051131	81	Daylight	35W	3000	120°	
051155	252	RGB	35W	2500	120°	Central Control
051152	90	RGB-White	35W	900	120°	
051157	81	RGB	30W	850	120°	
051153	252	RGB	35W	2500	120°	Built-in Control
051150	90	RGB-White	35W	900	120°	
051156	81	RGB	30W	850	120°	
051153SC	252	RGB	35W	2500	120°	Self RCU Control
051151SC	90	RGB-White	35W	900	120°	
051156SC	81	RGB	30W	850	120°	

Dimensions

All dimensions are in mm.



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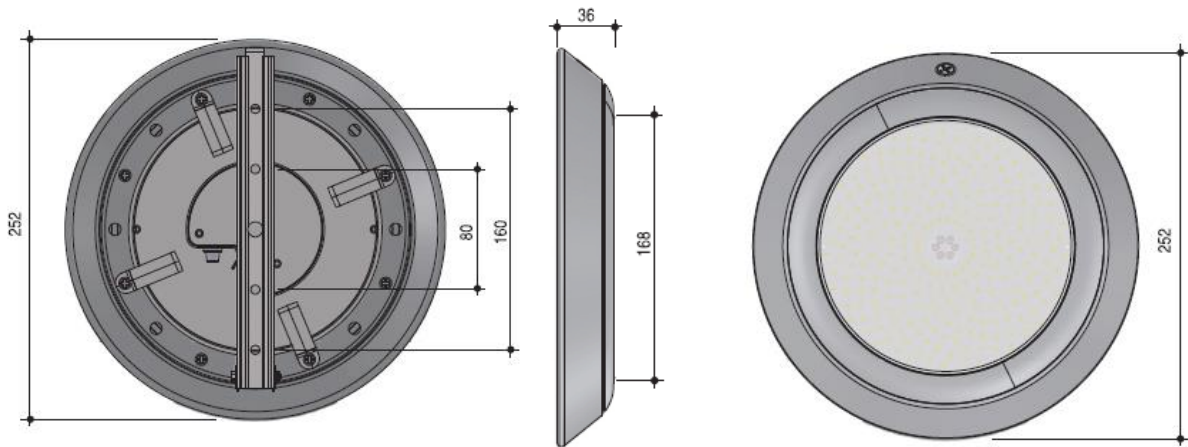


Underwater Slim LED Lights for Concrete Pools
AISI 304 Stainless Steel

Gemas Code	LED Quantity	Color	Power	Luminous Flux (lm)	Light Angle	System
051140SS	252	White	50W	4500	120°	Single Color
051141SS	252	Daylight	50W	4500	120°	
051142SS	252	Turquoise	35W	3024	120°	
051143SS	252	Blue	35W	1000	120°	
051144SS	252	Red	35W	1612	120°	
051145SS	252	Green	35W	3500	120°	
051155SS	252	RGB	35W	2500	120°	Central Control
051153SS	252	RGB	35W	2500	120°	Built-in Control
051153SCSS	252	RGB-White	35W	2500	120°	Self RCU Control

Dimensions

All dimensions are in mm.



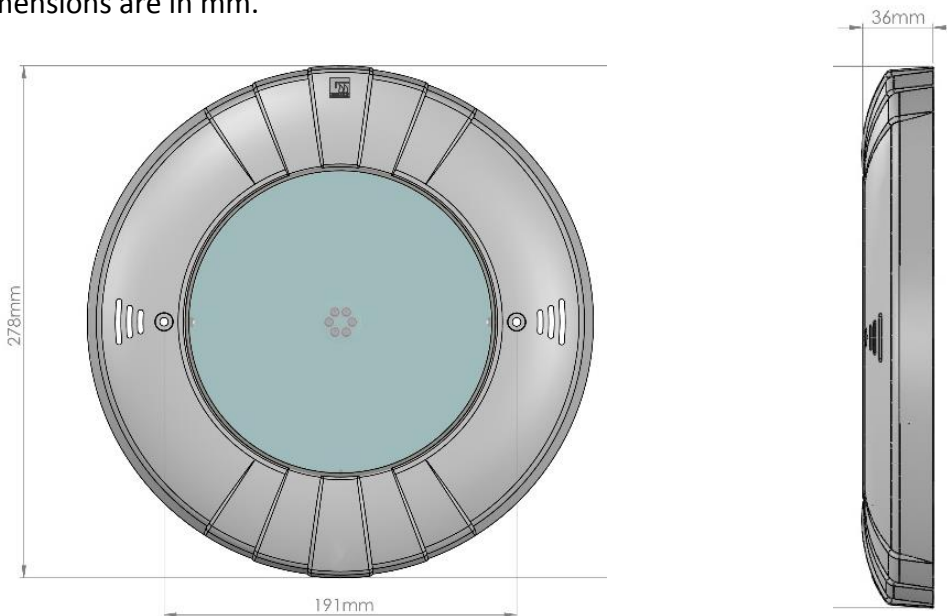


Underwater Slim LED Lights for Liner Pools

Gemas Code	LED Quantity	Color	Power	Luminous Flux (lm)	Light Angle	System
052140	252	White	50W	4500	120°	Single Color
052141	252	Daylight	50W	4500	120°	
052130	81	White	35W	3000	120°	
052131	81	Daylight	35W	3000	120°	
052155	252	RGB	35W	2500	120°	Central Control
052152	90	RGB-White	35W	900	120°	
052157	81	RGB	30W	850	120°	
052153	252	RGB	35W	2500	120°	Built-in Control
052150	90	RGB-White	35W	900	120°	
052156	81	RGB	30W	850	120°	
052153SC	252	RGB	35W	2500	120°	Self RCU Control
052151SC	90	RGB-White	35W	900	120°	
052156SC	81	RGB	30W	850	120°	

Dimensions

All dimensions are in mm.



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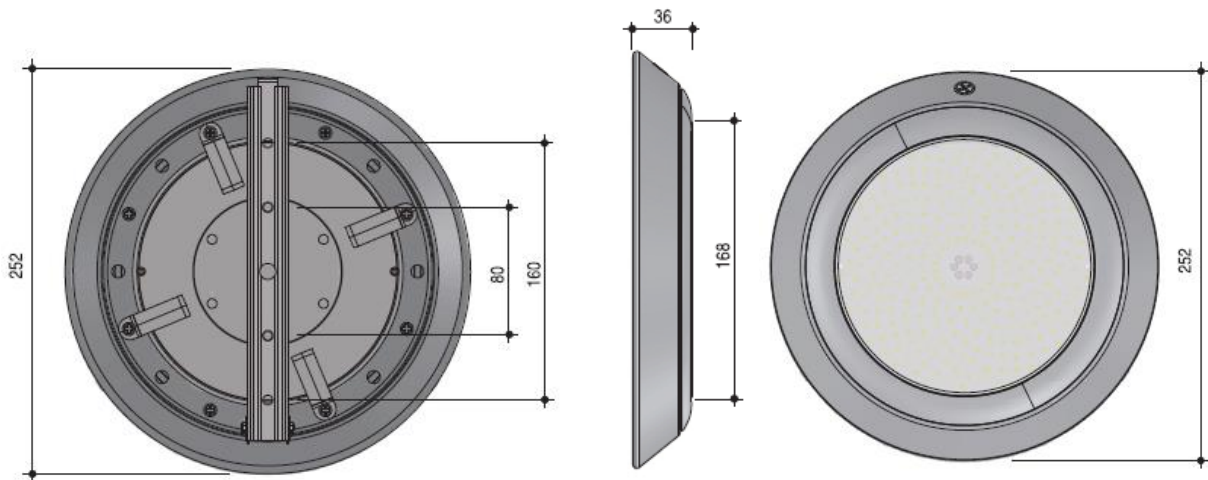


Underwater Slim LED Lights for Liner Pools
AISI 304 Stainless Steel

Gemas Code	LED Quantity	Color	Power	Luminous Flux (lm)	Light Angle	System
052140SS	252	White	50W	45000	120°	Single Color
052141SS	252	Daylight	50W	4500	120°	
052142SS	252	Turquoise	35W	3024	120°	
052143SS	252	Blue	35W	1000	120°	
052144SS	252	Red	35W	1612	120°	
052145SS	252	Green	35W	3500	120°	
052155SS	252	RGB	35W	2500	120°	Central Control
052153SS	252	RGB	35W	2500	120°	Built-in Control
052153SCSS	252	RGB-White	35W	2500	120°	Self RCU Control

Dimensions

All dimensions are in mm.



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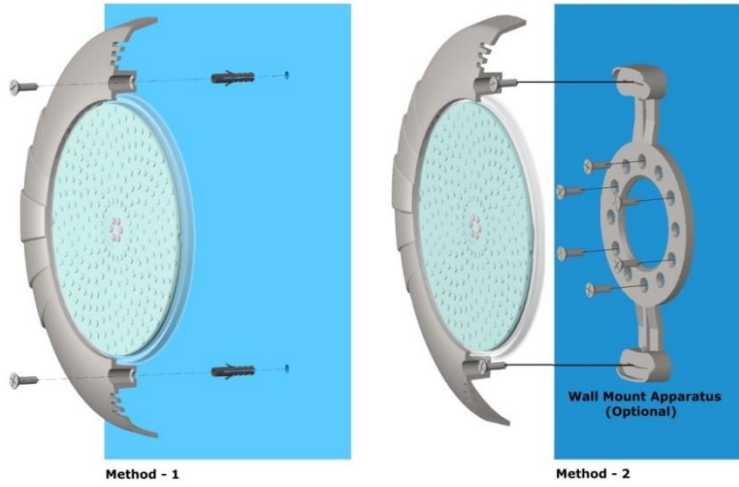
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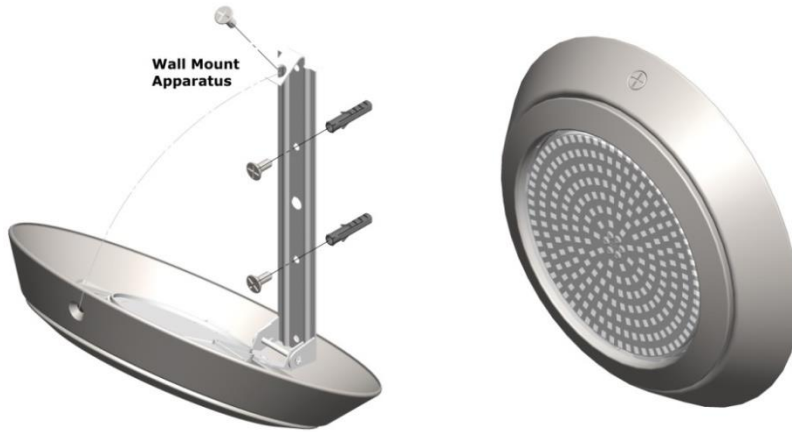
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Concrete Pool Installation

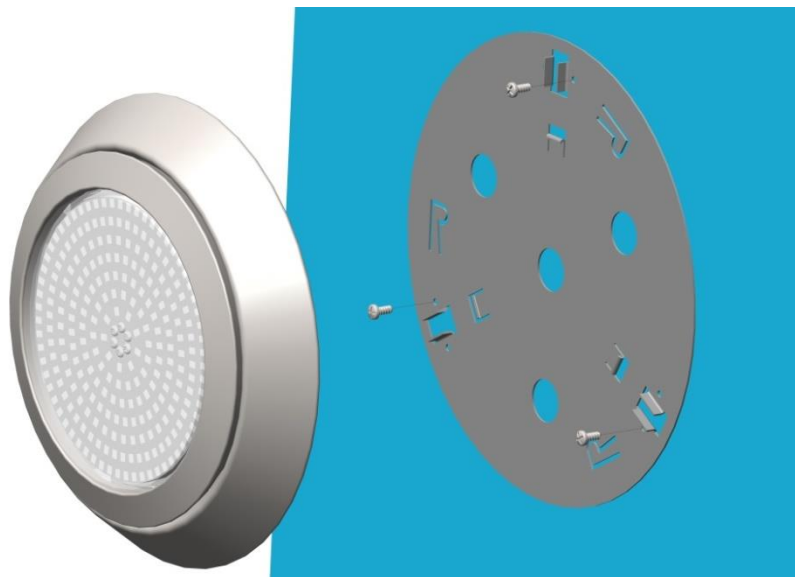
Below are the mounting schemes of different Slim LED versions on the concrete pool wall.



Slim LED

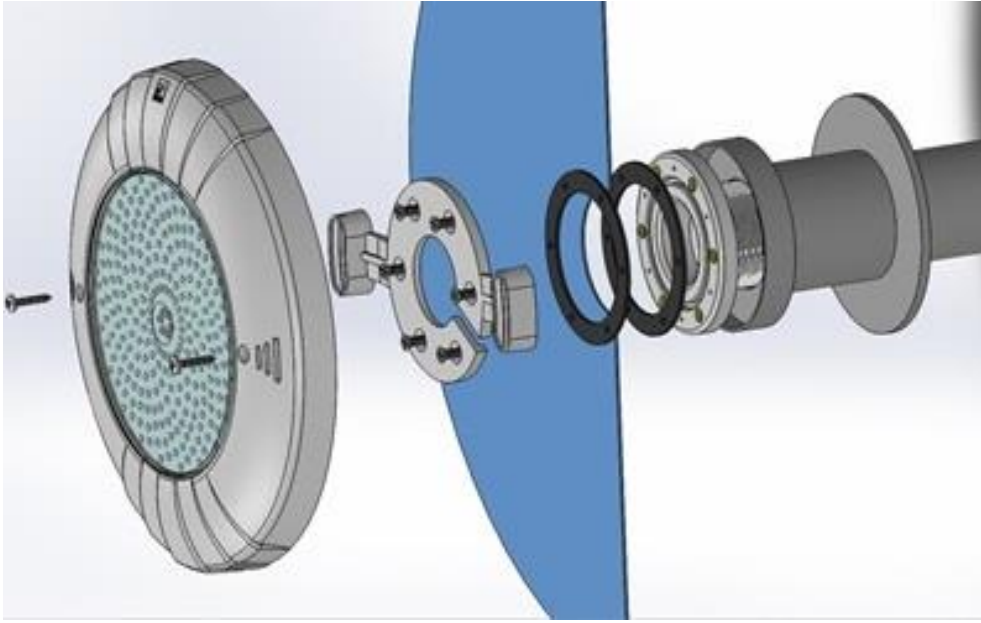


Slim LED Inox

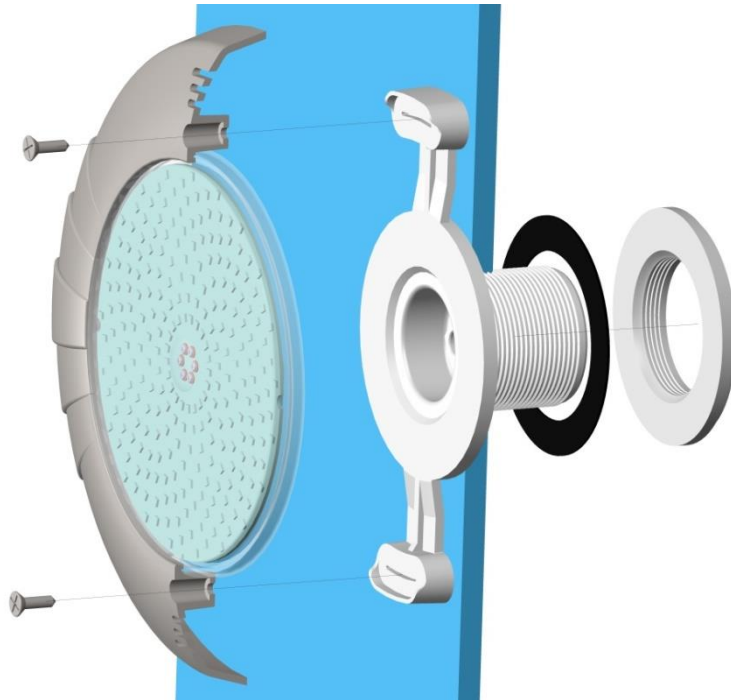


Slim LED Inox Click

Liner Pool Installation

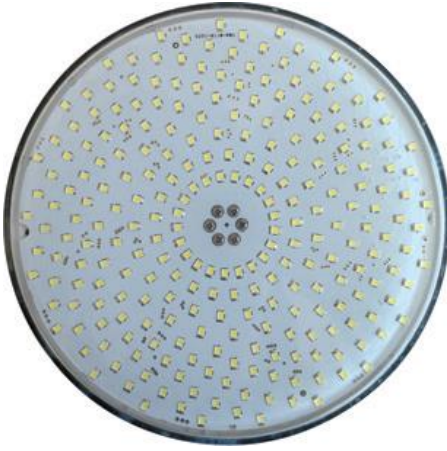


Polyester Pool Installation

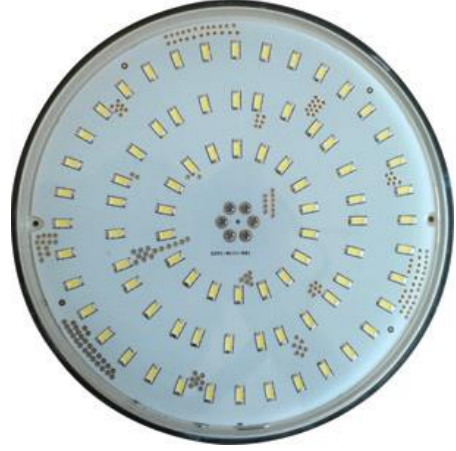


PAR56 Compatible Slim LED Replacement Kit – Single Color

Gemas Code	Color	LED Quantity	Power Consumption	Luminous Flux (lm)	Light Angle
0541101	White	252	50W	4500	120°
0541102	Daylight	252	50W	4500	120°
0541103	Turquoise	252	35W	3024	120°
0541104	Blue	252	35W	1000	120°
0541105	Red	252	35W	1612	120°
0541106	Green	252	35W	3500	120°
0541111	White	81	35W	3000	120°
0541112	Daylight	81	35W	3000	120°
0541113	Turquoise	81	20W	1780	120°
0541114	Blue	81	20W	710	120°
0541115	Red	81	20W	1050	120°
0541116	Green	81	20W	2310	120°



252 LED Slim LED Bulb



81 LED Slim LED Bulb



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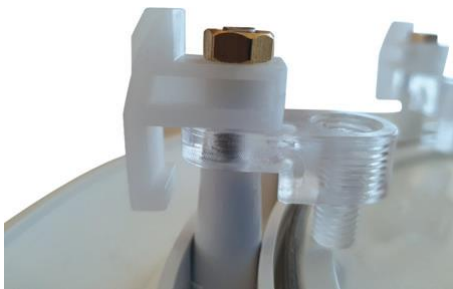
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PAR56 Compatible Slim LED Replacement Kit – RGB Color

Gemas Code	LED Quantity	Power	Luminous Flux (lm)	Light Angle	System
0541201	90	35W	900	120°	Built-in Control
0541202	90	35W	900	120°	Central Control
05115301	252	35W	2500	120°	Built-in Control
05115501	252	35W	2500	120°	Central Control
05115601	81	30W	850	120°	Built-in Control
05115701	81	30W	850	120°	Central Control
05115601SC	81	30W	850	120°	Self RCU Control
05115301SC	81	30W	850	120°	Self RCU Control



Slim LED- Standard 2002 Detail

Slim LED- Standard 95 Detail



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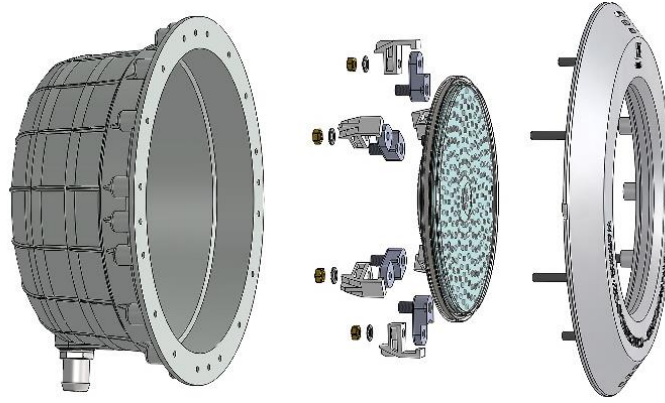
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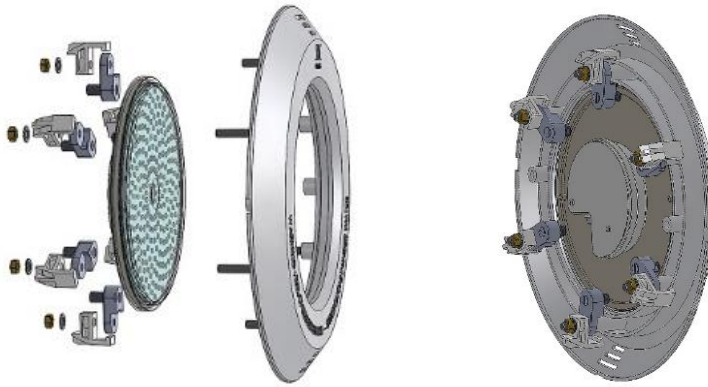
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Installation to Pool Light Niche with Replacement Kit

Replacement kit include all necessary fixtures to be installed in the niches.



Replacement Kit for Concrete Pools



Replacement Kit for Liner Pools



Existing PAR56 Bulb