

AquaIDEA
UNDERWATER
LIGHTING MANUFACTURER



WHY stand with AqualDEA ?

Comprehensive Design:

Various light angle designs make our products distinguishable from our competitors. Our range includes 90 degree light angle suitable for rectangular shaped pools, 150 degree light angle for rounded shaped pools and our most popular model has 120 degree light angle suitable for irregular shaped pools. AqualDEA has a light to suit all swimming pool installation.

Collaborative Synergy:

We support our dealers by providing promotional resources in collaboration with campaign development to assist business growth and expansion of market share.

After-Sales Service Policy:

We take pride in delivering quality after-sales support with the hope of achieving customer loyalty and satisfaction. Complaints are acknowledged in a timely manner and addressed promptly. AqualDEA offers hassle free replacements for defective or unsatisfactory products. We encourage feedback to enhance our services and ensure high satisfaction. Our commitment includes regular follow-ups to maintain ongoing customer satisfaction and resolve any potential issues

Sole Dealer Policy:

We value our dealer partnerships and uphold the principle of "One-Country-One-Dealer" to avoid unnecessary competition.

On-line Shop Partner Policy :

To optimise convenience, we ask/encourage our dealers to list our products online in order to avoid overstocked inventory. As a result, AqualDEA will cover all shipping costs and our dealers will earn up to 25% on each sale. For first times dealers, we offer a starter pack containing discounted items for trialing sales. We will take care of order fulfilment and manage customer support, ensuring quality and satisfaction.

Start Up Easy Policy :

Our one time starter pack includes a variety of our top selling underwater lights at a significant discount. This allows our distributors to test and sell our products with minimal risk, while gathering important customer feedback and turning insights in to action.

Enjoy Our Lights, Enjoy Your Pool

Choosing AqualIDEA underwater lights guarantees you are purchasing quality products. Our superior light output, finish and model variation places us amongst the best in the world.

Established in 1999, AqualIDEA is a well-known leading company specializing in the design and manufacturing of underwater lighting equipment. We aim to provide the best products to make owning a swimming pool or spa more enjoyable with the added bonus of energy efficiency and easy maintenance. Since the establishment, our design team in Hong Kong has been doing extensive research to develop various pool products creating state of the art technology to meet ever changing needs for our customers. Our manufacturing team in Japan & China ensures every light produced is of the highest quality and at a reasonable price point. AqualIDEA's high standards creates customer satisfaction. We welcome all business opportunities with Wholesalers, Distributors and Pool Shops as well as innovative product sectors.

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Marketing team

AqualIDEA South Africa

Distribution Centre

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Marketing team

WHICH LIGHT is right for your pool?

Mounting Type	Surface Mount							Flush mount	Fountain Fitting	PAR56 Fitting	1.5"-2.5" Return Fitting	Armflow Fitting	Stainless Steel body		Globes / Retrofit South Africa Mount				
Series Name	P Series			Australia Series		M Series		N Series		F Series	T Series	J Series	AF Series	SS Series		ASA Series			
Model	P90	P120	P150	PA120	PA150	MiniP	MiniB	PN90	PN120	PTF90	PT90	JPS /JPS-C	AF120	SSP150	SSPN150	Q50	Q150	Q3W	Q6W
Single colour	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
RGB switch control	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	●	●
RGB Wifi/DMX	●	●	●	●	●	●		●	●	●	●	●		●	●			●	●
12V-24V AC/DC	●	●	●	●	●			●	●		●	●		●	●				
12V AC/DC						●	●			12V DC			●			●	●	●	●
Fixture lumen	1300	1500	2500	1500	1500	1300	500	1300	1500	900	1300	1000	30	2500	2500	300	500	300	500
Beam angle	◀90°	◀120°	◀150°	◀120°	◀150°	◀150°	◀90°	◀90°	◀120°	◀90°	◀90°	◀90°	◀120°	◀150°	◀150°	◀120°	◀120°	◀90°	◀90°
Recommended Pool shape																			
Recommended Spacing	6ft	8ft	9ft	8ft	9ft	6ft	4ft	6ft	8ft	/	6ft	5ft	/	6ft	8ft	4ft	4ft	4ft	4ft
Approx Light penetration in perfect water	15M	12M	10M	12M	10M	6M	6M	15M	12M	/	15M	12M	3M	15M	12M	4M	4M	6M	6M
Suggestions	1. Always upsize the transformer with at least a 20% buffer to make certain it has the capacity to handle surges. 2. Factors in Deciding Lighting Placement and Quantity : Position of the residence in relation to the pool / size & shape / color of the pool finish / Intended use																		

10" Surface mount underwater LED pool light

Model no : P120

LED type : 108pcs 5050 SMD LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE / SAA
SGS-IEC60598

Dimension : $\varnothing 250 \times 50H$ (mm)

Power : 20W

Power Input : 12V-24V ACDC

Light angle : 100° - 120°

Fixture lumen : +1500lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool



10" Surface mount underwater LED pool light

Model no : P90

LED type : 12pcs 3W BRIDGELUX LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE
SGS-IEC60598

Dimension : $\varnothing 250 \times 50H$ (mm)

Power : 18W

Power Input : 12V-24V ACDC

Light angle : 60° - 90°

Fixture lumen : +1300lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool



10" Surface mount underwater LED pool light

Model no : P150

LED type : 30W COB LED

Material : Epoxy resin / ABS plastic
Tempered glass

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing$ 250 x 50H (mm)

Power : 23W

Power Input : 12V-24V ACDC

Light angle : 150°- 180°

Fixture lumen : +2500lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

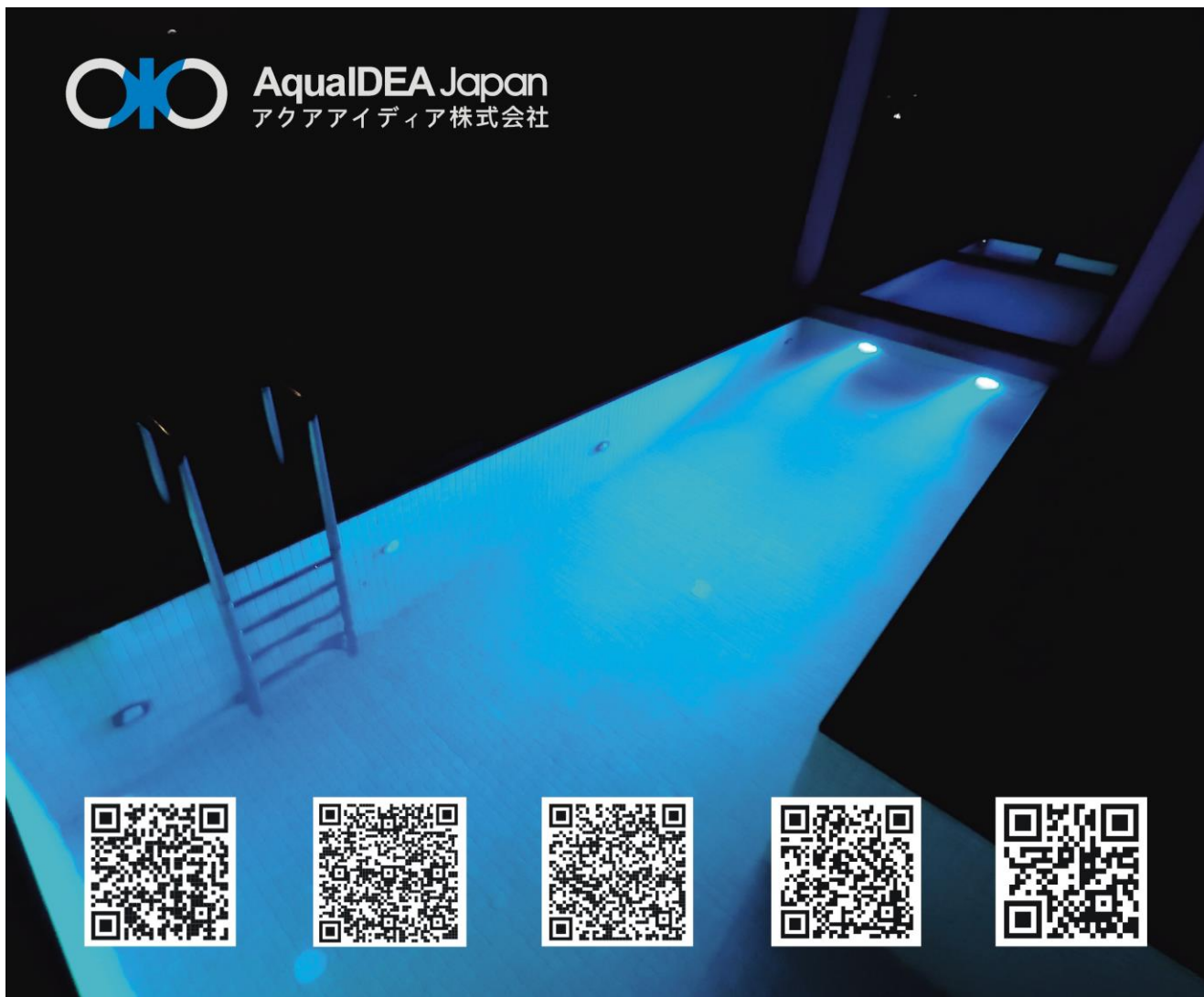
Accessories : Underwater Heat shrink tube
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool





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6" Surface mount underwater LED pool light

Model no : MiniP

LED type : 30W COB LED

Material : Epoxy resin / ABS plastic
Tempered glass

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing$ 150 x 30H (mm)

Power : 10W

Power Input : 12V ACDC

Light angle : 100° - 120°

Fixture lumen : +1300lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool





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My Number Etisalat

Yes



3.5" Surface mount underwater LED pool light

Model no : MiniB

LED type : 6pcs 3W BRIDGELUX LED

Material : Epoxy resin / ABS plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing 90 \times 26H$ (mm)

Power : 6W

Power Input : 12V ACDC

Light angle : 60° - 90°

Fixture lumen : +500lm

Cable type : 10AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB - 2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
316 stainless steel screw

Type of pool : Concrete swimming pool





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Australia's Surface mount underwater LED pool light

Model no : PA150

LED type : 30W COB LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE / SAA
IEC60598

Dimension : Ø240 x 67H (mm)

Power : 23W

Power Input : 12V - 24V ACDC

Light angle : 120° - 150°

Fixture lumen : +1500lm

Connection : Screw Terminal

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Remote : 2 pins cable remote controller
system available (optional)

Accessories : Silicone grease
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool



Australia's Surface mount underwater LED pool light

Model no : PA120

LED type : 108pcs 5050 SMD LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE / SAA
IEC60598

Dimension : $\varnothing 240 \times 67H$ (mm)

Power : 20W

Power Input : 12V - 24V ACDC

Light angle : 100° - 120°

Fixture lumen : +1500lm

Connection : Screw Terminal

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Remote : 2 pins cable remote controller
system available (optional)

Accessories : Silicone grease
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool





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Universal Flush Mount underwater LED pool light

Model no : PN90

LED type : 12pcs 3W BRIDGELUX LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing 300 \times 60H$ (mm)

Power : 18W

Power Input : 12V - 24V ACDC

Light angle : 60° - 90°

Fixture lumen : +1300lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
316 stainless steel foot
316 stainless steel screw

Type of niche : From 190mm-230mm
adjustable flush mount



Universal Flush Mount underwater LED pool light

Model no : PN120

LED type : 108pcs 5050 SMD LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE / SAA
SGS-IEC60598

Dimension : $\varnothing 300 \times 60H$ (mm)

Power : 20W

Power Input : 12V - 24V ACDC

Light angle : 100° - 120°

Fixture lumen : +1500lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
316 stainless steel foot
316 stainless steel screw

Type of niche : From 190mm-230mm
adjustable flush mount





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Armflow Fitting underwater LED pool light

Model no : AF90

LED type : 3W BRIDGELUX LED

Material : Epoxy resin / ABS plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing 40 \times 45\text{H}$ (mm)

Power : Self-powered by water flow power

Light angle : 60° - 90°

Fixture lumen : +80lm

Single colour : Cool white / Blue

Warm white / Green

Type of pool : Swimming pool / Jacuzzi & Spa



Model no : AF120

LED type : 15pcs 5mm DIP LED

Material : Epoxy resin / ABS plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing 40 \times 30\text{H}$ (mm)

Power : 0.3W 12V AC/DC

Light angle : 60° - 90°

Fixture lumen : +30lm

Single colour : Cool white / Blue

Warm white / Green

Type of pool : Swimming pool / Jacuzzi & Spa





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Salt Water Fountain underwater LED light

Model no : PTF90

LED type : 6pcs 3W BRIDGELUX LED

Material : Epoxy resin / ABS plastic
Aluminum alloy

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing 175 \times 50H$ (mm)

Power : 9W

Power Input : 12V DC

Light angle : 90° - 120°

Fixture lumen : +900lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
316 stainless steel screw

Type of pool : Fountain / Salt water fountain





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Slim PAR Replacement underwater LED pool light

Model no : PT90

LED type : 12pcs 3W BRIDGELUX LED

Material : Epoxy resin / ABS & PC plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing$ 175 x 30H (mm)

Power : 18W

Power Input : 12V - 24V ACDC

Light angle : 60° - 90°

Fixture lumen : +1300lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
316 stainless steel foot
316 stainless steel screw

Type of pool : Compatible with any type
of pool





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S S Rim Surface Mount underwater LED pool light

Model no : SSP150

LED type : 30W COB LED

Material : Epoxy resin / Tempered glass
316 Stainless steel / ABS plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : Ø 240 x 35H (mm)

Power : 23W

Power Input : 12V - 24V ACDC

Light angle : 150° - 180°

Fixture lumen : +2500lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
Retrofit mounting bracket
316 stainless steel screw

Type of pool : Concrete swimming pool



Universal Flush Mount underwater LED pool light

Model no : SSPN150

LED type : 30W COB LED

Material : Epoxy resin / Stainless steel rim
ABS plastic / Tempered glass

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing$ 300 x 60H (mm)

Power : 23W

Power Input : 12V - 24V ACDC

Light angle : 150° - 180°

Fixture lumen : +2500lm

Cable type : 18AWG - 2M / 10M / 20M

Warranty : 3 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Wifi RGB-4 pins : Connects to WiFi device
controlled by Tuya Apps
compatible with Alexa /
Google Home

Accessories : Underwater Heat shrink tube
316 stainless steel foot
316 stainless steel screw

Type of niche : From 190mm-230mm
adjustable flush mount





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Slim PAR56 Replacement underwater LED pool light

Model no : ECO-PAR

LED type : 30W COB LED

Material : Epoxy resin / ABS plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : $\varnothing$ 175 x 32H (mm)

Power : 10W

Power Input : 12V ACDC

Light angle : 100°- 150°

Fixture lumen : +1300lm

Connection : Screw Terminal

Warranty : 2 Year

Single colour : Cool white / Blue
Warm white / Green

RGB -2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Accessories : Silicone grease
316 stainless steel screws
3 different sizes gland set

Type of pool : Compatible with any type
of pool



1.5" or 2" Return Fitting underwater LED pool light

Model no : ECO-SPT

LED type : 30W COB LED

Material : Epoxy resin / ABS plastic

Certification : IP68 / ROHS / CE / IEC60598

Dimension : Ø 210 x 35H (mm)

Power : 10W

Power Input : 12V ACDC

Light angle : 100° - 150°

Fixture lumen : +1300lm

Connection : Screw Terminal

Warranty : 2 Year

Single colour : Cool white / Blue
Warm white / Green

RGB - 2 pins : Preset 11 colour show mode
controlled by Power On/Off
switch & Auto synchronization

Accessories : Silicone grease
316 stainless steel screws
3 different sizes gland set

Type of pool : Direct suit for 1.5" return
fitting / Vacuum fitting





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Accessories underwater LED pool light



12V Outdoor transformer

Model no: PLA05
 Protection : IPX6 / EN61558-2-6
 Dimension: 180L x 45W x 45H (mm)
 Input voltage: 220V-240V / 100V-120V
 Output power: 1.5A 12V AC 50/60Hz



Swimming pool R.F remote control device

Model no: PLA08
 R.F system: FM 433 frequency
 Dimension: 150L x 90W x 55H (mm)
 Power input: 12V AC/DC
 Application: 1-4pcs RGB pool lights

PLA09
 FM 433 frequency
 20L x 150W x 43H (mm)
 12V AC/DC
 1-10pcs RGB pool lights



1.5" plastic wet niche set

Model no: PLA11
 Material: Injection moulded ABS
 Dimension: Ø 97 x 210H (mm)
 Application: Model : SP / SPT
 Pool type : Fibreglass / Concrete



PAR plastic wet niche set

Model no: PLA07
 Material: Injection moulded ABS
 Dimension: Ø 250 x 200H (mm)
 Application: Model : PAR / PT
 Pool type : Concrete



Slim PAR plastic wet niche

Model no: PLA15
 Material: Injection moulded ABS
 Dimension: Ø 280 x 80H (mm)
 Application: Model : PN / PT / SSPN
 Pool type : Fibreglass / Concrete



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