POOL LIGHTING

ASTRALPOOL | AQUA SPHERE | ZODIAC

New EU regulation*

from 1st September 2021

According to the eco-design regulation, the swimming pool halogen lights can no longer be sold in the European Union market

2020
HALOGEN & LEDs

2021
LEDs ONLY

We are your LED's best partner

With our LED solutions for swimming pools, we'll make it easy for you and your customers

MADE IN EUROPE

100% production in our own facilities

QUALITY CONTROL

360° continuous control from suppliers ISO certifications to finished products

BUILT BY POOL EXPERTS

More than 15 years of R&D experience to design, inject and test watertight solutions

*EU Regulation 2019/2020 (Ecodesign requirements for light sources), halogen lights for swimming pools can no longer be sold in the EU countries. This also applies to the United Kingdom and Qatar.

FLUIDRA

Energy efficiency

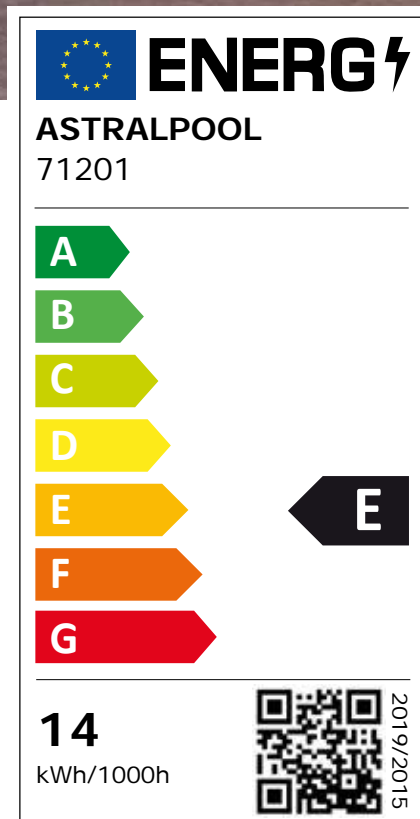## New European regulation of energy labeling for lamps and projectors

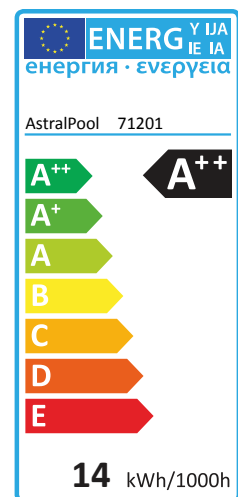**NEW ENERGY EFFICIENCY LABEL FOR LIGHTING**

The European Union launches the European Regulation EU 2019/2015 on new energy efficiency labeling in lamps and projectors that starts on September 1st, 2021 and repeals the European Regulation EU 874/2012.

The new Energy Efficiency label allows:

- Providing more information to the installer and customer. Thanks to the new QR code will access the European EPREL base, where the characteristics of the product are available.

- Carrying out a new energy classification promotes evolution of lighting technology.

- Greater control of products manufactured in the EU, with the QR code.

ENERG⚡

ASTRALPOOL
71201

A
B
C
D
E
F
G

E

14
kWh/1000h

2019/2015

New label

ENERGY IJA IE IA
енергия · ενεργεια

AstralPool   71201

A⁺⁺
A⁺
A
B
C
D
E

A⁺⁺

14 kWh/1000h

Old label

The new classification must be marked on the unit packagings with the label, and in catalogs and product data sheets with the symbol below.

A↑G A   A↑G B   A↑G C   A↑G D   A↑G E   A↑G F   A↑G G

LEDs selection guide

ASTRALPOOL

MADE IN EUROPE

	Projectors						Stairs	SPAS	Lamps		

	Commercial pools	**Residential pools**			**Stairs**	**SPAS**	**Commercial pools**	**Residential pools**		
	LumiPlus Design	**LumiPlus Flexi V2**	**LumiPlus Flexi V1**	**PAR56 & Flat**	**LumiPlus FlexiMini V2**	**LumiPlus FlexiMini V1**	**LumiPlus Micro**	**LumiPlus PAR56 V2**	**LumiPlus PAR56 V1 (2)**	**Lamps PAR56 (2)**
Brand	ASTRALPOOL	ASTRALPOOL	ASTRALPOOL	AQUA SPHERE	ASTRALPOOL	ASTRALPOOL	ASTRALPOOL	ASTRALPOOL	ASTRALPOOL	AQUA SPHERE
Lifespan (h)	L70 50000h	L70 50000h	L70 50000h	L70 25000h	L70 50000h	L70 50000h	L70 50000h	L70 50000h	L70 50000h	L70 25000h
Warranty (years)	3	3	3	2	3	3	2	3	3	2
Decorative ring	Stainless Steel effect White	Stainless Steel / White / Anthracite / Light grey / Beige	Stainless Steel / White / Anthracite / Light grey / Beige	White	Stainless Steel / White / Anthracite / Light grey / Beige	Stainless Steel / White / Anthracite / Light grey / Beige	Stainless Steel / White	-	-	-
Type of installation	Niche Ø180 mm	Niche Ø180 mm up to 230 mm (PAR56) Surface mounted Inlet or nozzle	Niche Ø180 mm up to 230 mm (PAR56) Surface mounted Inlet or nozzle	Niche Ø230 mm (PAR56) Surface mounted	Mini niche Nozzles Pipes	Mini niche Nozzles Pipes	Ø50 mm pipe 1"1/4 thread	PAR56 Projector	PAR56 Projector	PAR56 Projector
RGB — Watts — AC	32	43	22	15	7.6	3.8	4	48	22	15
RGB — Lumens	2544	2544	1100	900	600	300	186	2544	1100	900
RGB — Efficiency	F	G	G	G	F	F	G	G	G	G
RGB — Control options — Control	LumiPlus Top / LumiPlus App / LumiPlus DMX (NN thing — Fluidra Connect compatible)	LumiPlus ECO / LumiPlus Top / LumiPlus App (NN thing — Fluidra Connect compatible)	LumiPlus ECO / LumiPlus Top / LumiPlus App (NN thing — Fluidra Connect compatible) / Wireless Control Motion	RC	(a) LumiPlus Top / LumiPlus App / LumiPlus DMX (NN thing — Fluidra Connect compatible); (b) Wireless Control Motion	(a) LumiPlus Eco / LumiPlus Top / LumiPlus App (NN thing — Fluidra Connect compatible); (b) Wireless Control Motion	LumiPlus Top / LumiPlus App / LumiPlus DMX (NN thing — Fluidra Connect compatible)	LumiPlus Top / LumiPlus App / LumiPlus DMX (NN thing — Fluidra Connect compatible)	(a) LumiPlus ECO / LumiPlus Top / LumiPlus App (NN thing — Fluidra Connect compatible); (b) Wireless control Motion	RC
White — Watts — DC High efficiency			8.7							
White — Watts — DC		32	14		6.8	3		32	14	
White — Watts — AC	45	32	14.5	11.5	7.2	3.5	4		14.5	11.5
White — Lumens	4320	4320	1485	1300	900	450	315	4320	1485	1300
White — Efficiency — DC (1) High efficiency			B							
White — Efficiency — DC(1)		D	E		D	C		D	E	
White — Efficiency — AC	D	D	E	E	D	D	F		E	E

* Compatible with ABS niches.

(1) DC - power supply included.

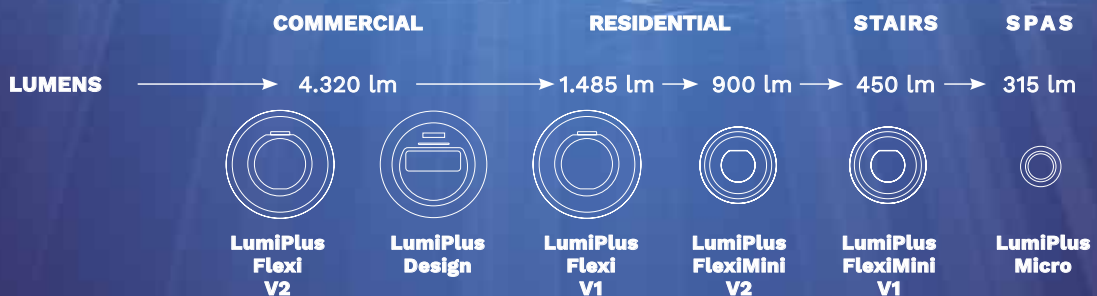(2) AC lamp direct retrofit with 300 W halogen lamps.

AstralPool LumiPlus is the most extensive family in the market of underwater spotlights for public, commercial and residential pools.

The entire LumiPlus range is made of high-quality LEDs and electronic components, and is manufactured entirely in the EU to European quality standards.

The AstralPool LumiPlus family delivers:

- Greater energy efficiency.
- High performance projectors with top quality lighting (TQL) technology.
- Enhanced energy efficiency in pools thanks to the use of LumiPlus DC lamps and projectors run from a direct current power source (24 V DC).
- Great control over the range with the inclusion of the Internet of Pools (IoP) concept by Fluidra Connect.
- IP68 protection rating.
- L70 50000 hours lifespan.

The most comprehensive range for every type of pool

	COMMERCIAL		RESIDENTIAL		STAIRS	SPAS
LUMENS	4.320 lm		1.485 lm	900 lm	450 lm	315 lm
	LumiPlus Flexi V2	LumiPlus Design	LumiPlus Flexi V1	LumiPlus FlexiMini V2	LumiPlus FlexiMini V1	LumiPlus Micro

PROJECTOR

LumiPlus Flexi

The LED solution that adapts to every type of pool

NEW
2022

High efficiency Flexi lamp

The most efficient solution 170 lm/W

B | A | G
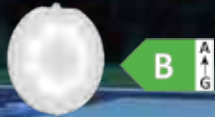
The LumiPlus projectors, FlexiNiche, FlexiSlim and FlexiRapid, are characterised by their more stylish finish and their great adaptability to any type of new-build or existing pool, whether a liner or concrete pool, that can be fitted to niches on the surface or in bushings.

WHITE | ANTHRACITE GREY | BEIGE | LIGHT GREY | STAINLESS STEEL

"AstralPool's LumiPlus Flexi system delivers top flexibility"

GARANTÍA 3 AÑOS YEARS GUARANTEE

GREEN FRIENDLY

MADE IN EUROPE

LumiPlus Flexi

The LED solution that adapts to all types of pool

The family of LumiPlus Flexi spotlights – FlexiNiche, FlexiSlim and FlexiRapid – is characterized by its great adaptability to any type of new-build or existing pool, whether a liner or concrete pool, that can be fitted to niches, on the surface or in bushings. The LumiPlus Flexi system delivers top flexibility.

Versions V1 and V2 are ideal for residential pools and public/hotel pools, respectively.

LumiPlus Flexi is the perfect solution for your pool that lets you choose:

1. The color of the light.

2. The mounting system.

3. The faceplate color that best matches your pool, between white, beige, Light grey, anthracite grey and stainless steel, this one only for the FlexiNiche version.

The FlexiNiche version with his unique system of screws can adapt to any niche from diameter 180 up to 230 mm.

FlexiSlim version is compatible with the brackets for Flat, Extraflat and Slim Projectors by AstralPool.

FlexiRapid is compatible with any bushing with 1"½ internal thread.

MADE IN EUROPE

Dimensions

	LumiPlus FlexiNiche		LumiPlus FlexiSlim	LumiPlus FlexiRapid
	Niche Ø 180-230 mm		Walls	Inlets
	ABS	Full stainless steel		

FlexiNiche spotlights

FlexiRapid spotlights

FlexiSlim spotlights

Spotlight

White Warm white RGB

Dimensions

Spotlight LumiPlus Flexi

Ø171

How to install them?

LumiPlus FlexiNiche	LumiPlus FlexiSlim	LumiPlus FlexiRapid
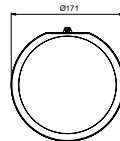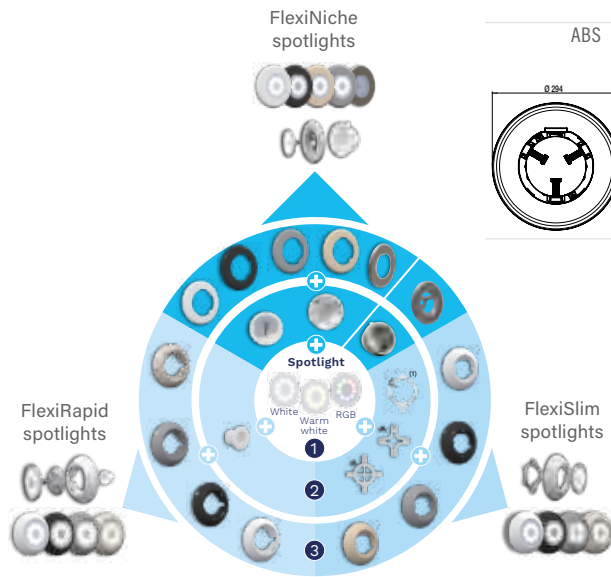
Point of light features

	Color of lamp	Watts	Color temperature	Control system	Efficiency
Residential V1 WHITE : 1485 lm / RGB : 1100 lm AC - 12V AC / DC - 24V DC	White AC	14.5 W (20VA)	5 700K	ON / OFF	E
	Warm White AC	14.5 W (20VA)	3 000K	ON / OFF	E
	White DC	14 W	5 700K	ON / OFF	E
	Warm White DC	14 W	3 000K	ON / OFF	E
	White DC high efficiency	8.7 W	5 700K	ON / OFF	B
	RGB AC	22 W (29 VA)	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	G
	RGB WIR AC	22 W (29 VA)	-	Wireless Control Motion	G
Public/Hotel V2 WHITE : 4320 lm / RGB : 2544 lm AC - 12V AC / DC - 24V DC	White AC	32W (42VA)	5 700K	ON / OFF	D
	Warm White AC	32W (42VA)	3 000K	ON / OFF	D
	White DC	32 W	5 700K	ON / OFF	D
	Warm White DC	32 W	3 000K	ON / OFF	D
	RGB AC	43W (54VA)	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	G
	DMX RGB AC	43W (54VA)	-	LumiPlus RGB DMX	G

*Sea water-proof. ABS versions.
AC - Alternating current. DC - Direct current. DC versions are delivered with power pack.

COMPATIBLE NN thing The models with RGB light are compatible with Fluidra Connect.

POOL LIGHTING

LumiPlus Flexi projectors

Components required to install a LumiPlus Flexi

Choose amongst the components according to your requirements:

- **New-build pools - FlexiNiche or FlexiRapid: 1+2+3**
- **New-build pools - FlexiSlim: 1+3**
- **Replacement without changing niche: 1+3**

LumiPlus Flexi is made up of 3 components

1	**2**	**3**
Spotlight	Niche	Decorative ring

The 3 components are required for the proper installation of FlexiNiche and FlexiRapid.

1 Spotlight

	Code	Code
	V1	**V2**
White AC LumiPlus Flexi spotlight	71200	71233
Warm White AC LumiPlus Flexi spotlight	71200WW	71233WW
White DC LumiPlus Flexi spotlight	71201	71202
White DC LumiPlus Flexi spotlight High Efficiency	71236	
Warm White DC LumiPlus Flexi spotlight	71201WW	71202WW
RGB AC LumiPlus Flexi spotlight [1]	71203	71204
Wireless AC LumiPlus Flexi spotlight [2]	71205	
Wireless AC 1 PL LumiPlus Flexi spotlight + 1 Control Motion [2]	71206	
Wireless AC 2 PL LumiPlus Flexi spotlight + 1 Control Motion [2]	71207	
RGB DMX AC LumiPlus Flexi spotlight [1]		71208

All spotlights come with a 2.5 m power cable. Power cables of 5 m, 10 m and 15 m available on request.
(1) Choose the most suitable control system (see control systems section).
(2) Compatible with ABS trim solutions.

2 Installation

	Code	Code
Niches (*)	**Niche Ø180**	**Niche Ø230**
Niche in ABS for concrete pools	59813	00349
Niche S.S. for concrete pools /prefabricated pools		54102 / 54103
Niche in ABS for prefabricated pools with inserts	59814	00364 / 17805
Niche in ABS for prefabricated pools without inserts	59815	28887 / 72261
Niche in ABS for panel pools with inserts / without inserts		23671 / 23670
Inlet		
Inlet for concrete pools with 1 ½" threaded Ø63 PN-6 piping		35418
Inlet for concrete pools with 1 ½" threaded Ø63 PN-10 piping		35421
Inlet for liner prefabricated pools with 1 ½" thread		27084
Inlet for polyester prefabricated pools		38805

Other Ø230 and Ø180 niches also available (see catalogue).
For FlexiSlim version installed in concrete + liner pools, Kit 71234 should be used to complete installation (not delivered with).
* Suitable to use ABS niches with Flexi ABS decorative ring.

3 Decorative ring with fitting

	Code
FLEXINICHE	
White	71209
Beige	71209CL090
Light Grey	71209CL129
Anthracite grey	71209CL144
Stainless steel AISI 316-L embellisher with ABS body	71209CLSS
Full Stainless Steel AISI 316-L	73440
FLEXISLIM	
White	71210
Beige	71210CL090
Light Grey	71210CL129
Anthracite grey	71210CL144
FLEXIRAPID	
White	71211
Beige	71211CL090
Light Grey	71211CL129
Anthracite grey	71211CL144

KITS : DECORATIVE RING + SPOTLIGHT	Code	Code
	White AC	**White DC**
FlexiNiche: White decorative ring + white spotlight	71212	71213
FlexiSlim: White decorative ring + white spotlight	71214	71215
FlexiRapid: White decorative ring + white spotlight	71216	71217
FlexiNiche : Full SS Projector body + white spotlight	73442	73441

AC - Alternating current   DC - Direct current

POOL LIGHTING

LUMIPLUS FLEXIMINI
## COMPACT DESIGN.
MAXI-CUSTOMIZATION.
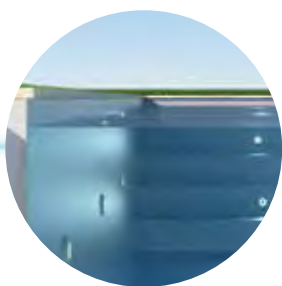
The perfect size for a better design.

LumiPlus FlexiMini is a compact LED solution in line with current design trends for residential pools. It combines perfectly with LumiPlus Flexi range.

Simplified installation.

LumiPlus FlexiMini provides one point of light common to all installation methods.
Thanks to its simplified connection compatibility with each construction mode, LumiPlus FlexiMini enables easy installation and retrofit with most of the lightings on the market.
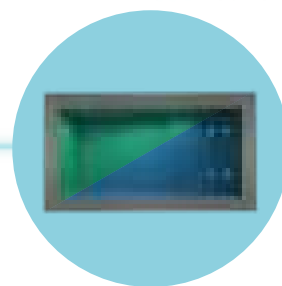
Maxi-customization for everyone's style.

LumiPlus FlexiMini offers a customizable lighting installation with the desired lumens (2 levels for stairs and basin), with any connection mode (nozzles, tube, well conduits, niche) and 5 color options to create a unique lighting experience for the pool owner.

ASTRALPOOL ®

417

LumiPlus FlexiMini
Compact design. Maxi customization.

The LumiPlus Flexi Mini projector is an underwater projector with reduced dimensions that stands out for its ease and flexibility of installation, being compatible with the Mini V2 and V3 niches, 1 "½ internal thread nozzles, 63mm or 2" cable glands, pipes D63 PN6 and PN10 or D50 PN10 pipes. Its configuration is carried out in three steps in new pools. You need to choose :

1.- The spotlight

2.- One of the 4 models of decorative ring: niche; nozzle L; nozzle S; or, for pipe or wall bushings.

The decorative ring can be made of ABS in a white, light gray, anthracite gray or beige finish; or AISI- 316L stainless steel.

3.- The niche, the nozzle or the wall bushing for the installation.

When renovating swimming pools, you should only choose sections 1 and 2.

The point of light is available in two powers, V1 for lighting stairs and V2 for lighting the basin, and you can choose between white, warm white and RGB multicolor light. The RGB versions are compatible with ECO, TOP, Wireless, LumiPlus LED App, ModBUS (Connect) and DMX controls (see page 426-427).

MADE IN EUROPE

Dimensions

Spotlight FlexiMini
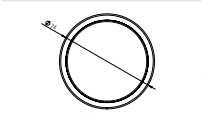
Dimensions

LumiPlus FlexiMini Niche	LumiPlus FlexiMini Nozzles L		LumiPlus FlexiMini Nozzles S		LumiPlus FlexiMini pipes / wall conduits
Niche	Nozzle L 2"	Nozzle L 1" 1/2	Nozzle S 2"	Nozzle S 1" 1/2	Pipe Ø50 PN6 / P10 Wall conduit 2" / 1"1/2
Ø 161	Ø132		Ø 96		Ø 96
Compatible with niches 06967; 00369; 49828	Compatible with nozzles Ømax. 116 mm and depth between 0 and 10 mm		Compatible with nozzles Ømax. 91 mm and depth between 7 and 9 mm		

How to install them?

LumiPlus FlexiMini Niche	LumiPlus FlexiMini Nozzles L	LumiPlus FlexiMini Nozzles S	LumiPlus FlexiMini Pipes / Wall conduits

Spotlight features

	Color of lamp	Watts	Color temperature	Control system	Efficiency
Pool stairs FlexiMini V1 WHITE : 450 lm/ RGB : 300 lm AC - 12V AC / DC - 24V DC	White AC	3.5 W	5 700K	ON / OFF	D
	White DC	3 W	5 700K	ON / OFF	C
	Warm White AC	3.5 W	3 000K	ON / OFF	D
	Warm White DC	3 W	3 000K	ON / OFF	C
	RGB	3.8 W	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	F
	RGB Wireless (WIR)	4.3 W	-	1) Wireless Control Motion	G
Residential pool basin and stairs FlexiMini V2 WHITE : 900 lm/ RGB : 600 lm AC - 12V AC / DC - 24V DC	White AC	7.2 W	5 700K	ON / OFF	D
	White DC	6.8 W	5 700K	ON / OFF	D
	Warm White AC	7.2 W	3 000K	ON / OFF	D
	Warm White DC	6.8 W	3 000K	ON / OFF	D
	RGB	7.6 W	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	F
	RGB Wireless (WIR)	8 W	-	1) Wireless Control Motion	F
	Kit 3 RGB Wireless V2 (with RC)	8 W	-	1) Wireless Control Motion	F
	DMX	8 W	-	LumiPlus RGB DMX	F

*Sea water-proof. ABS versions.
AC - Alternating current. DC - Direct current. DC versions are delivered with power pack.
1) Maximum installation depth 40cm.

COMPATIBLE NN thing The models with RGB are compatible with Fluidra Connect.
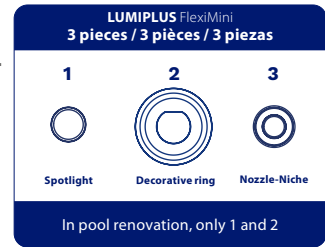
LumiPlus FlexiMini

Components to install a LumiPlus FlexiMini projector

The LumiPlus Flexi Mini is a solution that allows maximum flexibility in terms of colors of the lights, lumens color of the visible parts and as well of the instalaltion method.

LumiPlus FlexiMini is a compact LED solution in line with current design trends for residential pools. It combines perfectly with LumiPlus Flexi range.

Choose amongst the components according to your requirements:

LUMIPLUS FlexiMini
3 pieces / 3 pièces / 3 piezas

| 1 | 2 | 3 |
| Spotlight | Decorative ring | Nozzle-Niche |

In pool renovation, only 1 and 2

---

1 Spotlight | Code

1.1 - LUMIPLUS FLEXIMINI V1 - IDEAL FOR STAIRS	
White AC	74400
White DC	74401
Warm White AC	74400WW
Warm White DC	74401WW
RGB	74402
RGB Wireless (WIR)	74403

1.2 - LUMIPLUS FLEXIMINI V2 - IDEAL FOR RESIDENTIAL POOL	
White AC	74406
White DC	74407
Warm White AC	74406WW
Warm White DC	74407WW
RGB	74408
RGB Wireless (WIR)	74404
Kit 3 RGB Wireless V2 + 1 Control Motion	74405
DMX	74409

Note: 2.5 m cable included

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2 LumiPlus FlexiMini Decorative ring with fitting (Delivered with installation accessories) | Code

2.1 - DECORATIVE RING FOR MINI NICHES	
Decorative ring for Mini Niche in ABS color White	74392
Decorative ring for Mini Niche in ABS color Beige	74392CL090
Decorative ring for Mini Niche in ABS color Light grey	74392CL129
Decorative ring for Mini Niche in ABS color Anthracite	74392CL144
Decorative ring for Mini Niche in Stainless Steel A316-L with ABS body	74392CLSS

2.2 - DECORATIVE RING FOR NOZZLES L (LARGE)	
Decorative ring for nozzle L in ABS color White	74393
Decorative ring for nozzle L in ABS color Beige	74393CL090
Decorative ring for nozzle L in ABS color Light grey	74393CL129
Decorative ring for nozzle L in ABS color Anthracite	74393CL144
Decorative ring for nozzle L in Stainless Steel A316-L with ABS body	74393CLSS

2.3 - DECORATIVE RING FOR NOZZLES S (SMALL)	
Decorative ring for nozzle S in ABS color White	74394
Decorative ring for nozzle S in ABS color Beige	74394CL090
Decorative ring for nozzle S in ABS color Light grey	74394CL129
Decorative ring for nozzle S in ABS color Anthracite	74394CL144
Decorative ring for nozzle S in Stainless Steel A316-L with ABS body	74394CLSS

2.4 - DECORATIVE RING FOR PIPE	
Decorative ring for pipe in ABS color White	74395
Decorative ring for pipe in ABS color Beige	74395CL090
Decorative ring for pipe in ABS color Light grey	74395CL129
Decorative ring for pipe in ABS color Anthracite	74395CL144
Decorative ring for pipe in Stainless Steel A316-L with ABS body	74395CLSS

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3 Installation supports per type of pool that combines with the decorative rings

Type of pool	Option	2.1 Faceplate for niches	2.2 - Faceplate for nozzles L	2.3 - Faceplate for nozzles S	2.4 - Faceplate for Pipe
Concrete	Recommended	06967	56498	35418	15661
	Other possibilities	-	00295, 00298, 56498, 00300, 00301	53956, 35421	00322, 00323
Concrete + liner	Recommended	00369	59983	00338	-
	Other possibilities	-	00332, 17382	27084	-
Panels	Recommended	00369	00330	27084	-
	Other possibilities	-	17383, 00332, 56498, 56499	06481, 32450, 33092, 33091, 06498	-
Polyester	Recommended	49828	00330	74179	-
	Other possibilities	-	00332, 00334, 00336	38805, 06481, 06484, 32450, 32451	-

Installation accessories can be found in Pool shell equipment chapter on within lights chapter, Niches subchapter.

POOL LIGHTING

LED LIGHTING - LUMIPLUS

Projector Design

ASTRALPOOL

DESCRIPTION

The LumiPlus Design projector is a high power underwater projector that can be installed in 180mm diameter niches.

The decorative ring is available in Stainless Steel effect and Pure White finishes.

The light can be white, warm white, and RGB multi-color. The RGB versions are compatible with ECO, TOP, Wireless, LumiPlus LED App, ModBUS (Connect) and DMX controls (see codes in page 427).

LumiPlus monocolor white light lamps and projectors are also available in Warm White.

TECHNICAL FEATURES

Light Colour		Projector Design		Consumption	Luminous flux
		White	Stainless steel effect		
White	D	59807	59805	32W (35VA)	4320 lm
RGB	F	59803	59801	32W (42VA)	2544 lm
RGB DMX	F	59811	59809	32W (42VA)	2544 lm

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable.
Adaptor kit available for other niche types from diameter 180 to 190 mm. Code: 59818. It must always be installed underwater.

Niches for projector Design

ASTRALPOOL

TECHNICAL FEATURES

	Niches			
Concrete pool	Prefabricated pools		Fixing kit for other niches
	With inserts	Without inserts	
59813	59814	59815	59818*

Compatible with: LumiPlus FlexiNiche ABS and Stainless Steel and LumiPlus Design.
*Compatible with the majority of niches from Ø180 to Ø190 mm on the market (Hugo Lahme, MTS Producksts, Wibre…).

NN thing Fluidra Connect-compatible

Seawater-proof

ASTRALPOOL

LumiPlus lamps for PAR56 V2 projectors

ASTRALPOOL

DC PAR56 V2 lamp

3 AÑOS YEARS GARANTÍA GUARANTEE

eco-conscious

MADE IN EUROPE

How to replace a PAR 56 lamp?

DESCRIPTION

The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls. The RGB DMX model requires the LumiPlus DMX 41107 modulator.

To correctly light a pool it is advisable to install a light from the LumiPlus V1 range every 20m² of water surface. This recommendation applies to pools light in colour with white light spotlights, but if there are RGB spotlights more should be fitted. In dark or stainless steel pools it is recommended to use more projectors per m².

TECHNICAL FEATURES

DC PAR56 V2 lamp				
Light Colour		Code	Consumption	Luminous flux
White	D	67516	32W	4320 lm
Warm white		67516WW		

Rated voltage: 24 V DC. Protection rating: IPX8. Includes 220V AC - 24 V DC power pack.
Does not work with 220 V AC-12 V AC electromagnetic transformers. It must always be installed underwater.

PAR56 V2 lamp				
Light Colour		Code	Consumption	Luminous flux
RGB	G	43411	48W (64VA)	2544 lm
RGB DMX		45637	48W (64VA)	2544 lm

Rated voltage: 24 V DC. Protection rating: IPX8. It must always be installed underwater.

LumiPlus lamps for PAR56 V1 projectors

ASTRALPOOL

DC PAR56 V1 lamp

3 AÑOS YEARS GARANTÍA GUARANTEE

eco-conscious

MADE IN EUROPE

How to replace a PAR 56 lamp?

DESCRIPTION

The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls. The RGB DMX model requires the LumiPlus DMX 41107 modulator.

To correctly light a pool it is advisable to install a light from the LumiPlus V1 range every 20m² of water surface. This recommendation applies to pools light in colour with white light spotlights, but if there are RGB spotlights more should be fitted. In dark or stainless steel pools it is recommended to use more projectors per m².

TECHNICAL FEATURES

DC PAR56 V1 lamp				
Light Colour		Code	Consumption	Luminous flux
White	E	67515	14W	1485 lm
Warm white		67515WW		

Rated voltage: 24V DC. Protection rating: IPX8. Includes 220V AC - 24 V DC power pack. Does not work with 220 V AC-12 V AC electromagnetic transformers. It must always be installed underwater.

PAR56 V1 lamp				
Light Colour		Code	Consumption	Luminous flux
White	E	52596	14.5W (20VA)	1485 lm
Warm white		52596WW		
RGB	G	56001	22W (29VA)	1100 lm

Rated Voltage: 12V AC. Protection: IPX8. It must always be installed underwater.

Wireless PAR56 V1 lamp				
1 lamp + 1 Control Motion	2 lamps + 1 Control Motion	1 lamp RGB 1.11 Wireless	Consumption per lamp	Luminous flux per lamp
59126	59127	59124	22W (29VA)	1100 lm

Rated voltage: 12V AC. Protection rating: IPX8. It must always be installed underwater. The LumiPlus Control Motion is not waterproof. Seawater-proof

LumiPlus MINI V3 projectors

ASTRALPOOL

DESCRIPTION

The LumiPlus Mini V3 projector is a compact underwater projector made entirely of high-quality plastic.
Available in white, warm white, and multi-color RGB light.
The RGB versions are compatible with ECO, TOP, LumiPlus LED App, ModBUS (Connect) and DMX controls (see page 426-427).
You can choose between two types of decorative ring: pure white and stainless steel effect.
There are three versions of this projector: concrete pool, prefabricated pool and SPA.

LumiPlus monocolor white light lamps and projectors are also available in Warm White.

TECHNICAL FEATURES

MINI V3 projector							
Light Colour		Decorative ring	Concrete	Prefabricated/Liner	SPAS	Consumption	Luminous flux
White	F A↑G	White	59979	69637	59981	4W (6VA)	315 lm
		Stainless steel effect	59980	69638	59982		
RGB	G A↑G	White	59971	69633	59973	4W (7VA)	186 lm
		Stainless steel effect	59972	69634	59974		
RGB DMX	G A↑G	White	59975	69635	59977	4 W (4 VA)	186 lm
		Stainless steel effect	59976	69636	59978		

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. 2.5 m H07RN-F 2 x 1 mm² cable. It must always be installed underwater.

Niches, nozzles and fittings
for LumiPlus MINI V3

ASTRALPOOL

TECHNICAL FEATURES

Niches for LumiPlus MINI V3							
	Concrete pools				Prefabricated pools		
					Liner		Fibreglass
Description	Bushing / Tube ø63 PN-6 / PN-10	1"½ threaded inlet Ø 63 PN-6 piping	1"½ threaded inlet Ø 63 PN-10 piping	Nozzle with niche	1 ½" thread inlet	Nozzle with niche	Inlet
Code	62395	35418	35421	53956	27084	59983	38805

Fluidra Connect-compatible   Seawater-proof   Untill end of stock

POOL LIGHTING

LumiPlus MINI V2 projectors

Snap-in MINI V2 projectors

eco-conscious

MADE IN EUROPE

DESCRIPTION

To correctly light a pool it is advisable to install a projector from the LumiPlus Mini V2 range every 5 m² of water surface. NB: recommendations valid for light coloured pools and white light projectors; oversize in RGB colours. In darker coloured pools or stainless steel pools, we recommend oversizing the proportion of projectors per m².

Projectors may be installed both in and out of the water. Niche according to model; not included and needed to finish the installation. The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls. The RGB DMX model requires the LumiPlus DMX 52142 controller (see page 426-427).

LumiPlus monocolor white light lamps and projectors are also available in Warm White.

TECHNICAL FEATURES

Snap-in MINI V2 projector

Light Colour		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F A→G	52130 ◬	52131 ◬	4W (6VA)	315 lm
RGB NN thing	G A→G	52124 ◬	52125 ◬	4W (7VA)	186 lm
RGB DMX	G A→G	52136 ◬	52137 ◬	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable.
Compatible with a Ø63 bushing (code 15661) or snap-in mini niche from concrete pool code 53956 (not included).

MINI V2 projector for SPA

Light Colour		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F A→G	52132	52133	4W (6VA)	315 lm
RGB NN thing	G A→G	52126	52127	4W (7VA)	186 lm
RGB DMX	G A→G	52138	52139	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable. Fastened between a threaded bolt and 2" nut.

MINI V2 projector for Mini Niche (light point)

Light Colour		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F A→G	52134 ◬	52135 ◬	4W (6VA)	315 lm
RGB NN thing	G A→G	52128 ◬	52129 ◬	4W (7VA)	186 lm
RGB DMX	G A→G	52140 ◬	52141 ◬	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable.
To complete the projector select the right niche for each swimming pool type (see page 433).

Color front plates for MINI V2 projectors

	Beige	Light grey	Anthracite
Color front plate for Snap-in MINI V2 projector and MINI V2 projector for SPA and prefabricated pool	08554-0500CL090	08554-0500CL129	08554-0500CL144
Color front plate for MINI V2 projector for Mini Niche (light point)	04582-0500CL090	04582-0500CL129	04582-0500CL144

NN thing Fluidra Connect-compatible   ◬ Untill end of stock

POOL LIGHTING

LumiPlus MICRO projectors

Snap-in MICRO projectors

DESCRIPTION

To correctly light a pool it is advisable to install a projector from the LumiPlus Micro range every 5 m^2 of water surface. NB: recommendations valid for light coloured pools and white light projectors; oversize in RGB colours. In darker coloured pools or stainless steel pools, we recommend oversizing the proportion of projectors per m^2.

LumiPlus monocolor white light lamps and projectors are also available in Warm White.

Projectors may be installed both in and out of the water. Niche according to model; not included and needed to finish the installation. The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls. The RGB DMX model requires the LumiPlus DMX 52142 feed controller (see page 426-427).

TECHNICAL FEATURES

Snap-in MICRO projector

Light Colour		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F	38814	38816	4W (6VA)	315 lm
RGB	G	64552	64553	4W (7VA)	186 lm
RGB DMX	G	64557	64558	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm^2 cable.

MICRO projector for SPA

Light Colour		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F	40765	40766	4W (6VA)	315 lm
RGB	G	64554	64555	4W (7VA)	186 lm
RGB DMX	G	64559	64560	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm^2 cable. Fastened between a threaded bolt and 2" nut.

Fluidra Connect-compatible

Outdoor lighting
Starlight portable lights

DESCRIPTION

Decorative lights for indoors and out and even for floating in the water. Includes a remote control for choosing one of the 16 different colours available. They work on low consumption LED technology and once the battery has been charged have a runtime of up to 20 hours. Starlight is water-resistant The charger is supplied with the product.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
StarLight Altair **Conical shape 290 x 320 mm**	53937	1	3	0.050
StarLight Sirio **Circle shape Ø 350 mm**	53938	1	3	0.051
StarLight Vega **Oval shape 350 x 270 mm**	53939	1	3	0.051

Control systems

System			Code	Description	Projectors
LumiPlus RGB ECO			32458	**The simplest and most economical colour change system.** LumiPlus ECO is a push-button switch that allows 14 modes of operation: 7 fixed colours and 7 different colour sequences. Each time the push button is pressed, the colour or sequence will change. By pressing for several seconds, the light is white. The push button must be sized to withstand the power consumed by the number of lights in the facility. Maximum charge 700 VA. Must be connected in the transformer primary.	Any LumiPlus RGB projector.
LumiPlus WIRELESS	LumiPlus Control Motion		59125	**Colour change CONTROL in your hand.** The LumiPlus Control Motion remote control enables wireless projector control, directly offering on/off options, 12 colour changes, 8 sequence changes and sequence speed. It also detects movement, letting you activate colours and sequences by vertical and horizontal movements, respectively. Compatible with the LumiPlus Wireless range of projectors only. Can control 2 wireless projectors and 3 in FlexiMini	Flexi (ABS body) V1 RGB Wireless PAR56 V1 RGB Wireless * Not compatible with stainless steel FlexiNiche projectors.
	LumiPlus Wireless Range Extender		64633	Allows expansion of the signal that the LumiPlus Control Motion sends to the projectors with the wireless control system. Ideal for facilities whose architectural features or projectors installation makes it hard for the LumiPlus Control Motion signal to reach the wireless projectors properly.	
LumiPlus RGB TOP			27818 + 41988	**The LumiPlus TOP system is a professional control of the color.** System comprising the 27818 modulator and 41988 remote control that enables to control a large number of projectors. The modulator has an antenna with a 50m range to receive the signal from the remote control (bought separately). The LumiPlus TOP system enables: Projector on/off action. Colour selection: 12 fixed colours available. Sequence selection: 8 sequences available. Sequence speed selection: 8 speeds available for each sequence. Supplied separately. A total of 10 LumiPlus modulators can be synchronized.	Any LumiPlus RGB projector.
LumiPlus LED APP LumiPlus WIFI	Existing installation		59131	**Control your pool lighting from your smartphone.** App to check LumiPlus lights and projectors from an Android or iOS smartphone or tablet. Enables to control your LumiPlus lights or spotlights from your smartphone or tablet. The LumiPlus app should only be installed as an additional feature to the LumiPlus Modulator. It offers a range of 12 colours and 8 sequences or colour change programs. Free app you can download directly from the following sites: Apple: www.lumiplusled-ios.astralpool.com Android: www.lumiplusled-android.astralpool.com	Any LumiPlus RGB projector
	New installation		59132		

Control systems

System			Code	Description	Projectors
LumiPlus Modbus FLUIDRA CONNECT				**Control your pool lighting anywhere, anytime.**	
	Existing installation		57434	The Modbus protocol enables the control of the LumiPlus modulator. It can be used to switch the projectors on and off, change their colours and sequence speed and set the time for putting the projectors in sleep mode. Download the Fluidra Connect app for instant information about the state of your pool 365 days a year. Fluidra Direct is peace of mind, comfort and leisure. In addition to controlling projectors, LumiPlus lets you control the filtration, water treatment and more of your pool through the Modbus protocol. The LumiPlus Modbus should only be installed as an additional feature to the LumiPlus 27818 modulator for correct installation and operation.	Any LumiPlus RGB projector
	New installation		57435		
LumiPlus RGB DMX				**Design lighting scenes for fountains and large aquatic spaces**	
	RGB DMX Modulator		41107	DMX LED projector modulator/12V AC DMX receiver for the Flexi, PAR56, S-LIM and Design ranges. Receiving orders from the DMX controller (Astral DMX 74099 or Astral DMX Pro 74500) via the DMX bus and acting on the projectors that are connected.	LumiPlus RGB-DMX projector
	RGB-DMX power pack		52142	Product designed exclusively for use with V2 and V3 Mini LED and RGB DMX Micro projectors. The power pack can control up to 9 projectors, receiving orders from the system's DMX controller (Astral DMX 74099 or Astral DMX Pro 74500) via the DMX bus and acting on the projectors that are connected. The power pack has been designed to be used solely with DMX protocol and 24V DC DMX controllable parts from AstralPool.	
	DMX controller		74099	LumiPlus DMX System makes it possible to control lights individually or by groups. Users will have easy and intuitive full control over a projector or group of projectors. Main advantages / benefits: Very accurate control over the lights: colour and dimming. Plug and play. Projectors can be operated independently or combined. Allows creating new light scenes. LumiPlus DMX system does not require any additional wiring for projectors. Smartphone or tablet control via an app.	
	DMX PRO controller		74100		

Did you know?

According to EN 2012/19/UE, **broken halogen lamps** should be disposed in special recycling centers.

We do it for YOU

Fluidra is committed to the environment by using sustainable products and practices to protect future generations.

Did you know?

LED lamps power consumption is 30x lower than Halogen lamps* and **LEDs lifespan is 10x** more than Halogen lamps.

DO like 70% of pool builders
& CONTRIBUTE to the environment

Example of consumption in kW

1 pool with **2 projectors**.
Usage : 4 months / 4 hours per day.
Price of kWh : 0.18 €.

Consumption per season

4 x 4 x 30 x 0.3 x 0.18 x 2 =
51.84 €

4 x 4 x 30 x 0.0115 x 0.18 x 2 =
1.98 €

40.00 €	
35.00 €	
30.00€	
25.00 €	
20.00 €	
15.00 €	
10.00 €	
5.00 €	
0.00 €	

Halogen
300 W

LED
Aquasphere White 11.5 W
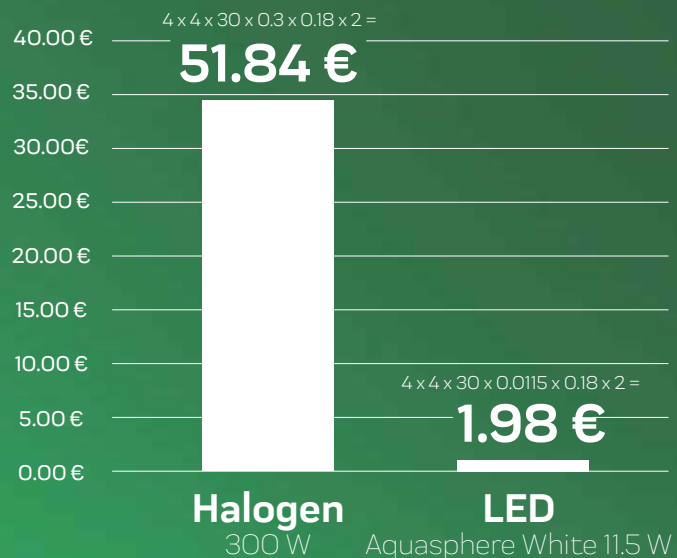
Power cost difference per season pays the price difference between halogen and LED lamps.

*Note : example taken Lamp PAR56 halogen 300 watts and a Lamp PAR56 11.5W , color white

LED LIGHTING

Other LED solutions:
PAR56 projectors, PAR56 lamps and Flat projectors

DESCRIPTION

PAR56 underwater lamp, improves energy efficiency compared to the traditional 300 W halogen PAR56 lamps. It must always be installed completely submerged. The lamps PAR56 are directly retrofittable with halogen 300 W lamps / projectors.

Lifespan of 25000 h.

The RGB lamp is controlled by a remote control, which is included, with a 2 m range and can control 2 lamps. The White lamp does not include remote control.

To correctly light a pool it is advisable to install a light from this range every 15 m² of water surface.

Note: this recommendation applies to pools light in color with white light spotlights, but if there are RGB spotlights more should be fitted. In dark pools it is recommended to use more projectors per m².

Projectors PAR56 needs a niche (see page 433) to complete the installation. Projector Flat to wall installations is delivered with the accessory to install in concrete and polyester pools. To complete the installation in panel pools needs spare part kit 24765-0500.

PAR56 projectors

MADE IN EUROPE

How to replace a PAR 56 lamp?

TECHNICAL FEATURES

PAR56 projectors

	Light color	Embellisher	Code	Consumption	Luminous flux
	White	White	74940	11.5W (18VA) NEW 2022	1300 lm
		Beige	74940CL090		
		Light grey	74940CL129		
		Anthracite grey	74940CL144		
	RGB	White	71742	15 W (23 VA)	900 lm
		Beige	71742CL090		
		Light grey	71742CL129		
		Anthracite grey	71742CL144		

Ø 280 · 137

Must be connected to a 12VAC safety transformer. 2.5 m cable. IPX8 protection.

PAR56 lamps

	Light color	Code	Consumption	Luminous flux
	White	74939	11.5W (18VA) NEW 2022	1300 lm
	RGB	71740	15 W (23 VA)	900 lm

100 · Ø 177

Must be connected to a 12VAC safety transformer. IPX8 protection.

Flat projectors

	Light color	Code	Consumption	Luminous flux
	White	74941	11.5W (18VA) NEW 2022	1300 lm
	RGB	71744	15 W (23 VA)	900 lm

Ø 280 · 111

Must be connected to a 12VAC safety transformer. 2.5 m cable. IPX8 protection.

ASTRALPOOL

Standard light

ASTRALPOOL

DESCRIPTION

All plastic materials. PAR56 300W 12V AC halogen lamp.

For correct pool lighting, we recommend: one projector per 25-30 m² of pool area. This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m².

The projector must be always be submerged in water.

Projectors for installation in "standard" niche (included).

TECHNICAL FEATURES

Standard light					
Type of pool	**Cable 2x6 mm² 2.5 m**	**Type of decorative ring Ø280 mm**		**Consumption**	**Niche included**
		ABS	**S.S.**		
Concrete	Yes	07844	07843	300W (300 VA)	Yes
	No	07838	07837		
Prefabricated	Yes	07856	07855		
	No	07852	07851		

Rated voltage: 12 V AC. Protection rating: IPX8. Compatible with standard niches (included).

Global light

ASTRALPOOL

DESCRIPTION

Made of plastic with hardware and anchoring system also made of plastic. Suitable for sea water.

Model based on standard projector. PAR56 300W 12V AC halogen lamp.

For correct pool lighting, we recommend one projector per 25-30 m² of pool area. This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m².

The projector must be always be submerged in water.

Compatible with AstralPool niches (not included) or any niche available on the market with interior diameters ranging between 220 mm and 235 mm (e.g.: Standard model and PS model).

For full projector assembly, the niche must be purchased separately (see page 433).

TECHNICAL FEATURES

Global light				
Type of pool	**Cable 2x6 mm² 2.5 m**	**Type of decorative ring Ø280 mm**	**Consumption**	**Niche included**
		ABS		
All depending on the niche	Yes	52608	300W (300 VA)	No

Rated voltage: 12 V AC. Protection rating: IPX8. Compatible with standard and PS niches (not included).
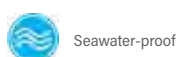
Seawater-proof

Mini light

Fast assembly Mini light

DESCRIPTION

Small underwater projector. GX-5.3 50W 12V AC aluminized halogen lamp.

For correct pool lighting, we recommend one projector per 10 m² of pool area. This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m².

The projector must be always be submerged in water.

Projectors for installation in bushings or niche, depending on model (not included). To complete the installation the right housing should be purchased for each type of pool (see page 433). This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m².

TECHNICAL FEATURES

Fast assembly Mini light

	Body	Type of decorative ring Ø96 mm	Consumption	Fixing
		ABS		
	Plastic	33708	50W (50 VA)	Ø63 wall conduit or Fast assembly Mini Niche
	Metal	33684		

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2 x 1.5 mm² cable.
Compatible with a 63 bushing (code 15661) or snap-in mini niche (not included). Select the appropriate option for each pool (see page 433).

Mini light for Spa and prefabricated pool

	Body	Type of decorative ring Ø96 mm		Consumption	Fixing
		ABS	S.S.		
	Plastic	33709	36647	50W (50 VA)	Threaded body and 2" nut
	Metal	33685	36642		

Rated voltage: 12 V AC. Protection rating: IPX8. Includes 2.5-m H07RN-F 2 x 1.5 mm² cable.

Mini light for Mini Niche (Light spot)

	Body	Type of decorative ring Ø96 mm		Consumption	Fixing	Niche included
		ABS	S.S.			
	Plastic	49820	49821	50W (50 VA)	Mini niche	No
	Metal	49822	49823			

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2 x 1.5 mm² cable.
Compatible with mini niche (not included). Select the appropriate option for each pool (see page 433)

Lamps

TECHNICAL FEATURES

Lamps for lights

Type of lamp		Code	Consumption
Halogen PAR56	For lights with niche	00370	300W (12 V)
Dichroic GX-5.3	For mini lights	19334	50W (12 V)

Standard niches

TECHNICAL FEATURES

Niches				
Concrete pool	**Prefabricated pools**		**Panels pool**	
	With inserts	**Without inserts**	**With inserts**	**Without inserts**
00349	00364	28887	23671	23670
	17805	72261		

Compatible with: LumiPlus FlexiNiche, LumiPlus PAR56 series, Standard and Global halogen lights and PAR56 Aquasphere projectors

AISI-316L stainless steel niches

TECHNICAL FEATURES

AISI-36 stainless steel niches	
Concrete pools	**Liner swimming pool**
54102	54103

Compatible with: LumiPlus FlexiNiche in Stainless Steel, LumiPlus stainless PAR56 steel range and stainless steel incandescent projectors.

PS niches

TECHNICAL FEATURES

PS niches		
Concrete pool	**Prefabricated pools**	
	With inserts	**Without inserts**
00355	-	00367

Compatible with: LumiPlus FlexiNiche, Global and PAR56 Aquasphere projectors.

Seawater-proof
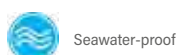
NICHES

Niches for projector DESIGN

and also compatibles with LumiPlus FlexiNiche

ASTRALPOOL

TECHNICAL FEATURES			
Niches			
Concrete pool	**Prefabricated pools**		**Fixing kit for other niches**
	With inserts	**Without inserts**	
59813	59814	59815	59818*

Compatible with: LumiPlus FlexiNiche ABS and Stainless Steel and LumiPlus Design.

* Fitting kit to install LumiPlus Design to the majority of niches from Ø180 to Ø190 mm on the market (Hugo Lahme, MTS Producksts, Wibre…).

Mini niches

ASTRALPOOL

TECHNICAL FEATURES		
MINI niches		
Concrete pool	**Prefabricated pools**	**Panel pools**
06967	00369	49828

Compatible LumiPlus FlexiMini V1and V2; LumiPlus Mini V2 series and Mini halogen lights for niche.

Mini niche with integrated

nozzle for fast assembly Mini projectors

ASTRALPOOL

TECHNICAL FEATURES	
Mini niche with integrated nozzle for fast assembly Mini projectors	
Concrete pools	**Prefabricated pools**
53956	59983

53956: Compatible with the LumiPlus FlexiMini V1 and V2; LumiPlus Mini V2; LumiPlus V3, LumiPlus FlexiRapid and Mini halogen snap-in ranges.
59983: Compatible with the LumiPlus FlexiMini V1 and V2; LumiPlus Mini V3 and LumiPlus FlexiRapid ranges.

POOL LIGHTING

Transformers for pool and fountain lighting

More compact.
More functional.
Specially designed for lighting up fountains and pools.

DESCRIPTION

- Suitable for all types of circuit board.
- Quick and easy installation.
- Connection via terminals protected against indirect contacts.
- Up to 40 m between the spotlight and transformer.
- Made in compliance with Standard UNE-EN-61558-2-6.
- IP-20 protection rating.
- Age-resistant housing.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
100 VA 230 V to 12 V transformer	00383-1369	-	-	-
300 VA 230 V to 12 V transformer	00384-1369	-	-	-
600 VA 230 V to 12 V transformer	00385-1369	-	-	-

Transformers

DESCRIPTION

Made in compliance with standard EN 60742.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
130VA from 230V to 12V	00383-4146	6	15.0	0.011
300VA from 230V to 12V cable length up to 35 m	71436	4	21.0	0.012
600VA from 230V to 12V cable length up to 25 m	00385-4146	2	19.0	0.012

Alternative transformer range, on enquiry.

Encapsulated security

transformer with IP-65 protection rating for pools

DESCRIPTION

Manufactured according to the rules UNE-EN 61558 and directive CE.

- Bodywork has IP-657 protection rating.
- Class II transformer. Total protection against all electric shocks.
- Self-extinguishing bodywork, as per IEC 695-2-1
- Frequency of 50–60 Hz.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
130 VA from 220-240 V to 12 V	35807	1	3.2	0.02
400 VA from 220-240 V to 12-17 V	35385	1	6.8	0.04
800 VA from 280-240 V to 12-17 V	35386	1	10.4	0.04

Transformer protection boxes

DESCRIPTION

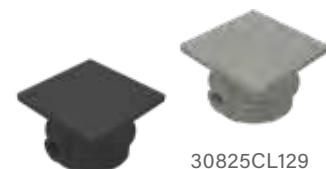Made of zinc plated steel plate, painted finish.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For transformer 00383	00386	1	1.15	0.01
For transformer 00384	00387	1	1.57	0.01
For transformer 00385	00388	1	3.00	0.01

Connection box with security cover

30825

30825CL090

30825CL129

30825CL144

DESCRIPTION

Manufactured in ABS, made up of three ¾" inlets/outlets M-25 and ¾" thread connections.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	30825	12	4.65	0.030
Beige	30825CL090	12	4.65	0.030
Light Grey	30825CL129	12	4.65	0.030
Anthracite	30825CL144	12	4.65	0.030

Connection boxes for gluing pipes Ø50 mm

65215

65215CL090

65215CL129

65215CL144

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	65215	8	3.8	0.030
Beige	65215CL090	8	3.8	0.030
Light Grey	65215CL129	8	3.8	0.030
Anthracite	65215CL144	8	3.8	0.030

Connection box

DESCRIPTION

In AISI-316 stainless steel. Two PG 15 thread side outlets with two PG16 to M25 converters.

¾" BSP threaded bottom connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Connection box	00393	1	0.21	0.002

POOL LIGHTING

Flexible conduit hose

ASTRALPOOL

DESCRIPTION

For connection from light to connection box, length 1 m hose.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Threaded ends 3/4" & M25	28138	1	-	-
M-25 socket joint	10892-0404	1	-	-
Threaded ends 3/4" and M26 150 cm	28138-150	1	-	-

Cable roll HO7RN-F

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Cable 2x1.5mm² - 5m.	74652	1	-	0.01
Cable 2x1.5mm² - 10m.	74656	1	-	0.01
Cable 2x1.5mm² - 15m.	74657	1	-	0.01
Cable 2x1.5mm² - 20m.	74658	1	-	0.01
Cable 2x1.5mm² - 25m.	74659	1	-	0.01
Cable 2x1.5mm² - 30m.	74673	1	-	0.01
Cable 2x2.5mm² - 10m.	71645	1	-	0.01
Cable 2x2.5mm² - 15m.	71646	1	-	0.01
Cable 2x2.5mm² - 20m.	71647	1	-	0.01
Cable 2x2.5mm² - 25m.	71648	1	-	0.01
Cable 2x2.5mm² - 30m.	71649	1	-	0.01
100m cable roll	15264	1	187.5	-

Underwater connection kit

ASTRALPOOL

DESCRIPTION

The kit has all the necessary components to carry out any watertight connection. Due to the properties of the product, the resin seals all gaps. Maximum safety, easy installation, in 2 hours it is ready to be submerged.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Kit for Ø 13 to 15 mm cables	32803	1	0.3	0.002
Kit for Ø 8 to 12 mm cables	35661	1	0.3	0.002

Underwater connector

with IP68 protection rating and 4 poles

ASTRALPOOL

DESCRIPTION

Includes 5 connectors ant two wrenches.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Overhead connector	71318	24	4.2	0.3

POOL LIGHTING

Aquarmony Loudspeaker

ASTRALPOOL

DESCRIPTION

With frontal installation. To listen to music and voice underwater creating a magical and different atmosphere. Aquarmony is a sealed waterproof loudspeaker designed for your pool. It is made of high quality components, innovative technology and with an assembly system assuring a correct operation in salt water or with a high Chlorine content. Easy installation.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Aquarmony Loudspeaker	25680	-	-	-
Niche for concrete pool	00349	-	-	-
Niche for liner pool	00364	-	-	-

Note: The niches come with a stuffing box assembly and a 1.5-m cable grommet specially designed for the Aquarmony range

TECHNICAL FEATURES

Maximum power	60 W
Impedance	4 ohm
Frequency	200-12000 Hz
Maximum area per loudspeaker	80 m²
Maximum installation depth	40 cm
Weight	5 Kg
Cable length supplied	5 m

Amplifier and loudspeakers

RK400S

ASTRALPOOL

DESCRIPTION

- Built-in SELV power pack with all required protection ratings and safety systems.
- Fully insulated input and output ports, in compliance with standard ENV 61558-1 CEI EN 64-8/7, Section 702.
- RCA stereo input port compatible with any source (CD player, MP3 player, smartphone, etc.).
- Input and output XLR link for connecting other RK400-S devices together.
- Automated equalizers and limiters specially redesigned by Aquarmony.
- Automatic gain control, which does not require volume buttons.
- Four 60 W RMS amplifiers that work separately.
- Output though a gold-plated screw connector.
- On/off and signal display light.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Amplifier and loudspeakers	RK400S	1	-	-

TECHNICAL FEATURES

Maximum power	4 x 60 W rms
Impedance	4 ohm
Frequency	50-20,000 Hz
Weight	3.6 Kg

POOL LIGHTING