



ASTRALPOOL 

Underwater and decorative LED lighting solu- tions

Greater energy efficien-
cy, less consumption.

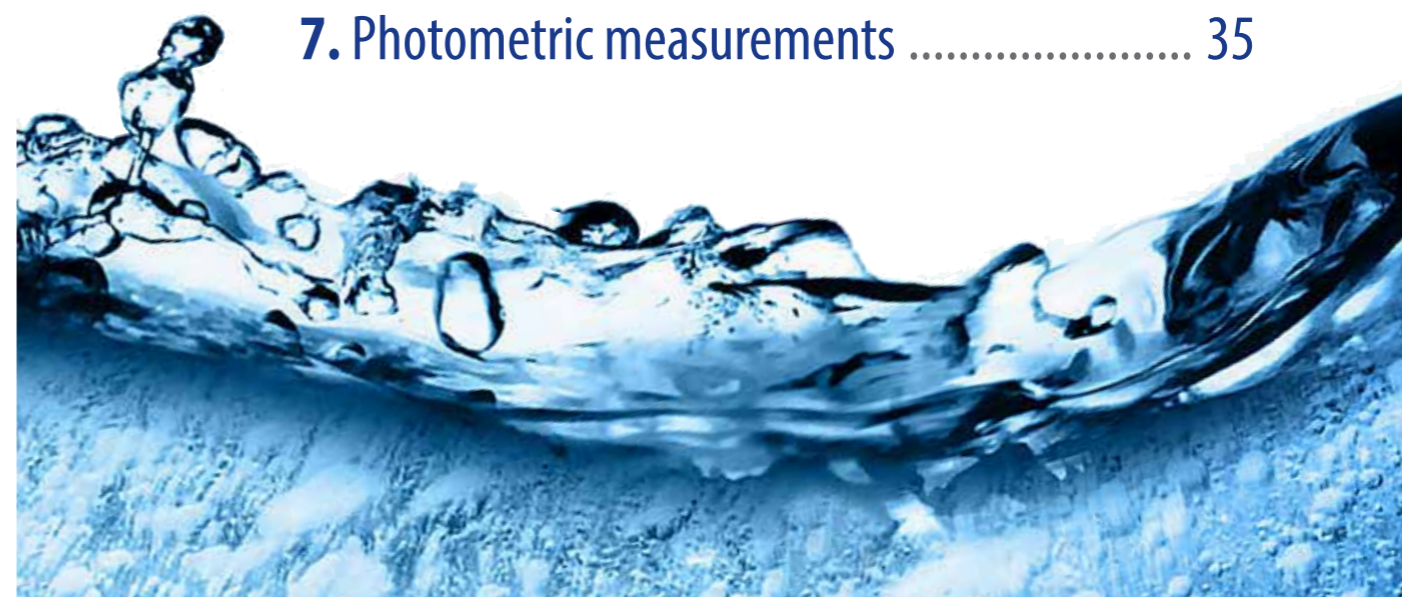


- ▶ **Save up to 95%
in energy.**
- ▶ **Service life of up to
100,000 hours.**
- ▶ **Wide range of LED
lighting solutions.**



Contents

1. Introduction	4
2. LED lighting for residential pools	8
2.1 LumiPlus design	8
2.2 LumiPlus design 2.0	10
2.3 LumiPlus design 1.11	12
2.4 LumiPlus mini 3.13	20
2.5 LumiPlus mini 2.11	21
2.6 LumiPlus micro 2.11	23
3. Control systems	24
4. Niches for projectors	27
5. LED lighting for public pools	28
6. Decorative solutions	30
7. Photometric measurements	35



Introduction

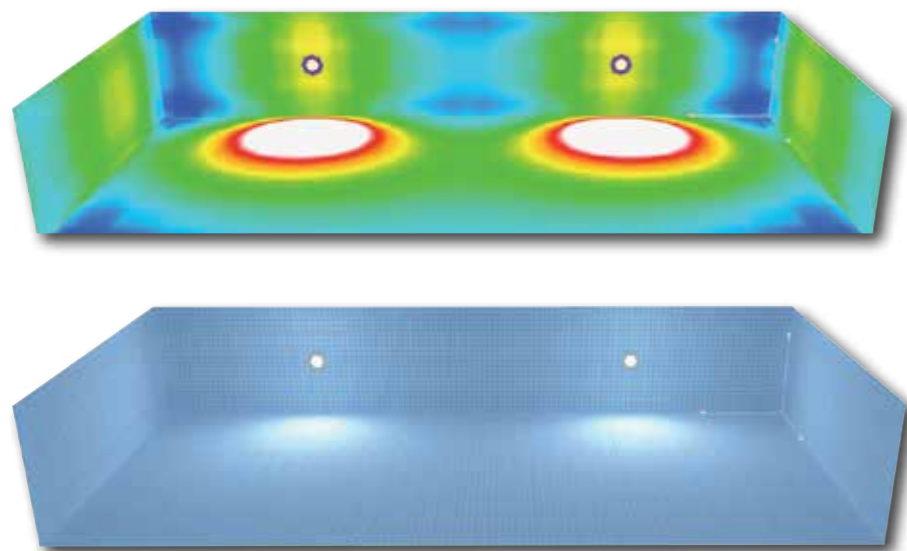
SERVICES

Three should be highlighted:

Lighting studies, customised designs and equipment, and our laboratory for developing light testing techniques.

LIGHTING STUDIES

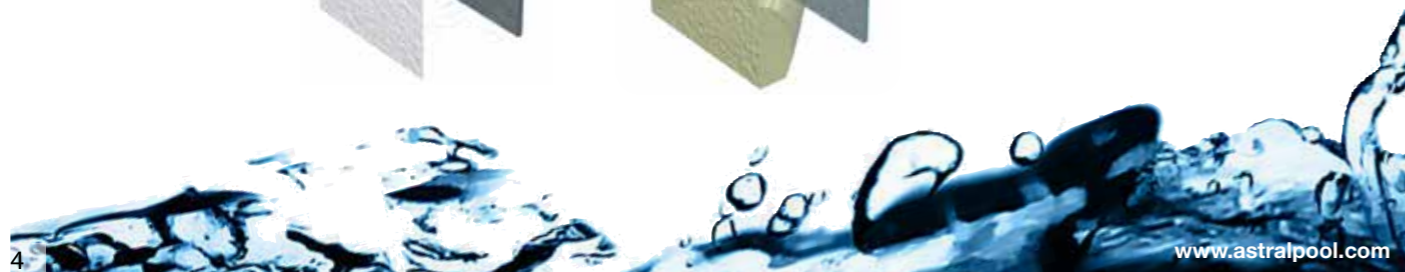
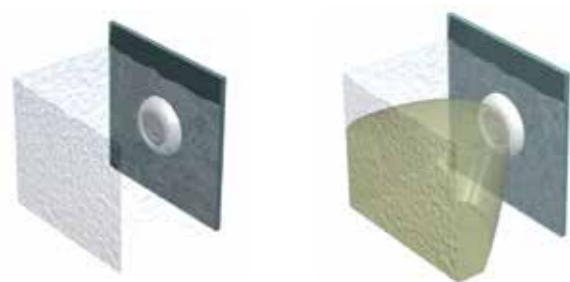
We have a team of fully trained experts able to help you in the design of your project. All key decisions for a well-designed project must be taken prior to the execution phase, as well as to obtain the best performance from the luminaires. Our staff will be able to advise you during this phase and will assist you in selecting the best lighting system and luminaires for your project, as well as helping you to place these luminaires for the best possible illumination.



CUSTOMISED PROJECTS

We have a department of mechanical and electronic design, which enables us to give shape to any project. Thanks to our IT department with CAD/CAE software, we are able to deliver customised products and projects by developing prototypes and pre-production models rapidly that are tested in our laboratory.

Our company has the capacity to design, mould and make prototypes and pre-production models before actually manufacturing any type of light fixture or injection-moulded plastic product.

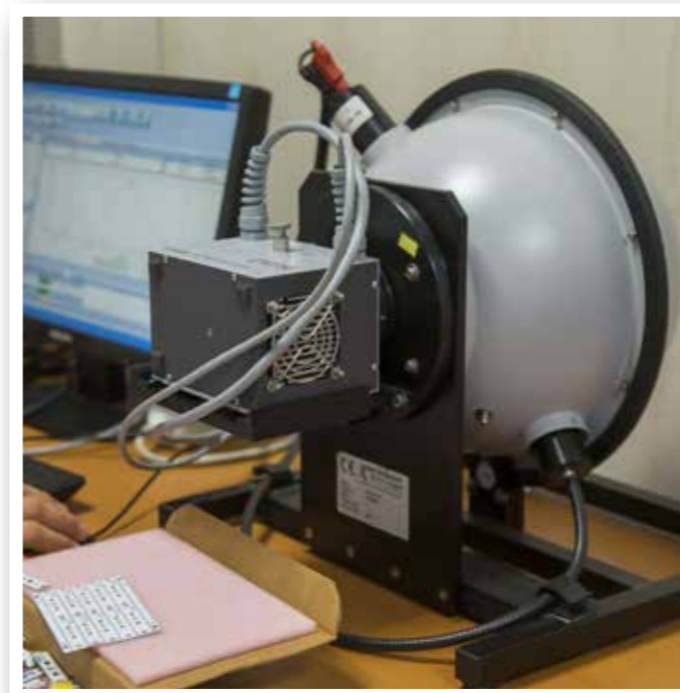


EQUIPMENT AND FACILITIES

Our facilities have the best machines for manufacturing our products, in addition to state-of-the-art laboratory equipment for studying and testing luminaires. We have a GONIOPHOTOMETER for conducting these tests. This enables our lab technicians to obtain photometric data about our products and those of other manufacturers.

This equipment also allows us to conduct 3D simulations of the actual effect of the luminaires to be used in any given project by comparing the results of the different luminaires that could be used for it.

As we have the best equipment and experts in the sector, we are able to deliver a first-class service to our customers.



IDENTIFICATION

Technical symbols: CE marking Class I Class II Class III IP protection rating Seawater-proof



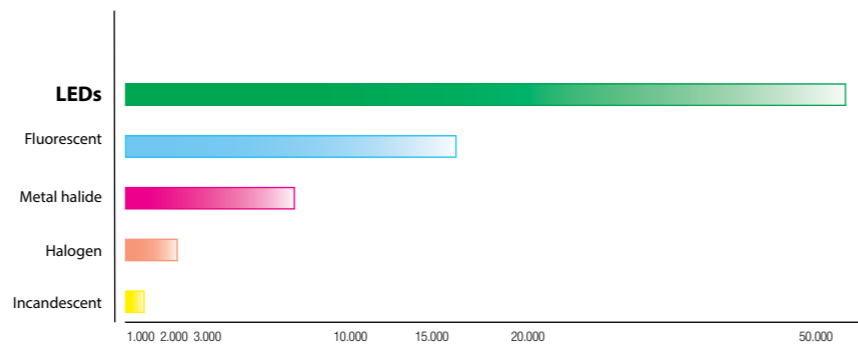


Almost 20% of the power generated in the world is used for lighting. According to studies conducted by the International Energy Agency (IEA), efficient lighting would result in a 10% saving on the world's electricity consumption. It can therefore be said that replacing a conventional light bulb is an environmentally friendly gesture that contributes to the global challenge of saving energy with the ultimate aim of stopping or, at least, delaying climate change.



SERVICE LIFE OF LUMIPLUS LEDs

L70 - 50,000H MAINTAINS 70% OF THE INITIAL LUMINOUS FLUX 50,000 HOURS INTO ITS SERVICE LIFE.



Led lighting

ASTRALPOOL

Led lighting for residential pools

LUMIPLUS PAR56 1.11 LAMP

PAR56 lamps have been developed to obtain maximum power efficiency. Manufactured for use in pools, in which a good and even distribution of light is required.

LED white light lamps are ideal for replacing PAR56 300 W halogen lamps as they save over 90% in power consumption and have a service life of up to 100 times longer than a PAR56 halogen lamp.

If RGB DMX lamps are installed, they must be connected to the DMX modulator (code 41107).

Dimensions

Technical features

Must always be submerged in water. Cable not included.

Light colour	Code	Luminous flux
RGB	56001	1,100 lm
Cool white	52596	1,485 lm
RGB-DMX	56002	1,100 lm

Light		Energy efficiency
RGB	RGB	
R	Red *	
G	Green *	
B	Blue *	
NW	Neutral white *	
WW	Warm white *	
W	Cool white	

(*) Light colours supplied to order

Features	
Consumption	White 16 W (24 VA)
	RGB 27 W (37 VA)
	RGB DMX 27 W (37 VA)
Voltage	12 V AC
Service life	L70 - 50,000h
Colours	7/12**
Energy saving*	95%

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP	LumiPlus RGB DMX
41988 LumiPlus remote control	41329 Software/Astral DMX controller
27818 LumiPlus modulator	41330 Software/Astral DMX Pro controller
	41107 DMX modulator
	51297 DMX touch screen
LumiPlus RGB ECO	LumiPlus ModBus
32458 LumiPlus RGB N/C switch	57434 Lumipus ModBus
	57435 Modulator + Lumipus ModBus
	LumiPlus LED app
	59131 LumiPlus Wifi access point
	59132 Modulator + LumiPlus Wifi access point

Code

Additional code

www.astralpool.com

Led lighting for residential pools

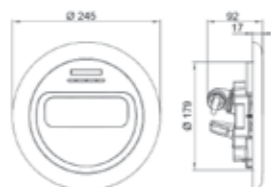
LumiPlus DESIGN PROJECTOR

The innovation and excellence of LumiPlus Design won a **Reddot Award 2014**, which recognises superior quality in a total of nine aspects that include innovation, functionality, ergonomics, ecology and durability.

Available in two finishes, **Pure White** and **Inox Effect**, thanks to the use of an innovative technology called **in-mould decoration (IMD)**. Its design blends in perfectly with any pool environment.

Moreover, LumiPlus Design floodlights are set at an angle of 14° to better light up a pool floor and reduce outdoor light pollution. LumiPlus Design projectors have improved luminous efficacy by around 40% in comparison with the main competitors in the market.

To illuminate a pool properly, it is recommended that a lamp from the LumiPlus 2.0 family be installed for every 25 m² of water surface.



White / RGB • IPX8 • CE

Light colour	Faceplate		Luminous flux
	Pure White	Inox Effect	
RGB	59803	59801	2.544 lm
Cool white	59807	59805	4.320 lm
RGB-DMX	59811	59809	2.544 lm

Light			Energy efficiency
Colour	Code	Description	
RGB	RGB	RGB	
R	R	Red *	
G	G	Green *	
B	B	Blue *	
NW	NW	Neutral white *	
WW	WW	Warm white *	
W	W	Cool white	

(*) Light colours supplied to order



Note: Strongly recommended for pools in light colours. In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².



Manufactured using IMD technology. Must always be installed submerged in water. Projectors without niche; for full projector assembly, select a niche suited for the pool in question. See p. 27.

Features	
Consumption	White 45 W (50 VA)
	RGB 40 W (55 VA)
	RGB DMX 40 W (55 VA)
Voltage	12 V AC
Service life	L70 - 50.000h
Colours	7/12**
Energy saving*	90%
Connector cable	2,5m. H07RN-F 2x1,5 mm ²

(*) In comparison with an incandescent PAR56 lamp
(**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Led lighting for residential pools

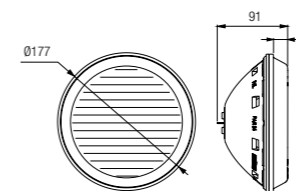
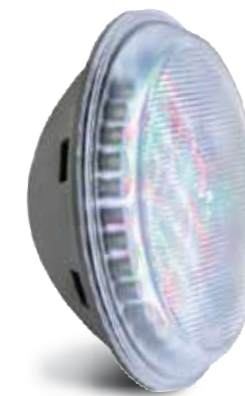


LumiPlus PAR56 2.0 LAMP

A range of LED lighting resulting from the advances made in the LumiPlus range. LumiPlus 2.0 lamps have light intensities three times greater and better energy efficiency than their predecessors.

Their enhanced luminous flux and optical efficiency will bring out the best of any facility.

If DMX lamps are installed, they must be connected to the DMX modulator (code 41107).



White / RGB • IPX8 • CE

Light colour	Code	Luminous flux
RGB	43411	2.544 lm
Cool white	43412	4.320 lm
RGB-DMX	45637	2.544 lm

Light			Energy efficiency
Colour	Code	Description	
RGB	RGB	RGB	
R	R	Red *	
G	G	Green *	
B	B	Blue *	
NW	NW	Neutral white *	
WW	WW	Warm white *	
W	W	Cool white	

(*) Light colours supplied to order

Cable not included. Must always be submerged in water.

Features		
Consumption	White	58 W (60 VA)
	RGB	48 W (64 VA)
	RGB DMX	48 W (64 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	84%	

(*) In comparison with an incandescent PAR56 lamp
(**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Led lighting for residential pools

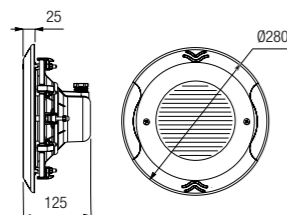
LumiPlus PAR56 2.0 PROJECTOR

PAR56 2.0 projectors light up pools to the same degree of luminosity as LumiPlus PAR56 2.0 projectors. They also are more energy efficient and emit less light pollution due to their optics, which optimise the amount of light projected and reduce light loss.

The projectors in the LumiPlus range can be fastened using standard or universal mounts. Niches must be purchased separately.

If DMX lamps are installed, they must be connected to the DMX modulator (code 41107).

This projector can be installed in newly built pools and any type of existing pool (concrete, panel, liner, etc.).



White / RGB • IPX8 • CE

Mount	Light colour	Faceplate		Luminous flux
		ABS	Stainless steel	
STD	RGB	45619	45620	2.544 lm
	Cool white	45621	45622	4.320 lm
	RGB DMX	45640	45641	2.544 lm
	RGB	53841	-	2.544 lm
Universal	Cool white	53840	-	4.320 lm
	RGB-DMX	53843	-	2.544 lm

Light			Energy efficiency
Colour	Light colour	Faceplate	
●●●	RGB	RGB	
●	R	Red *	
●	G	Green *	
●	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order



STD MOUNTING SYSTEM

UNIVERSAL MOUNTING SYSTEM



Must always be submerged in water. Projectors without niche; for full projector assembly, select a niche suited for the pool in question. See p. 27.

Features		
Consumption	White	58 W (60 VA)
	RGB	48 W (64 VA)
	RGB DMX	48 W (64 VA)
Voltage		12 V AC
Service life		L70 - 50.000h
Colours		7/12**
Energy saving*		80%
Connector cable		2,5m. H07RN-F 2x1,5 mm ²

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Led lighting for residential pools

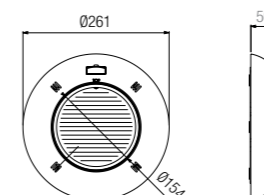
LumiPlus S-LIM 2.0 PROJECTOR

The S-Lim projector has small LEDs and a flat front that gives a better light distribution in any kind of pool (concrete, liner, panel, etc.).

If DMX lamps are installed, they must be connected to the DMX modulator (code 41107).

Available with a faceplate in ABS plastic or stainless steel.

It is an ideal luminaire for pools that are up and running, as it is extremely easy to install. As it does not have a niche, no building work is required to install it. It is mounted on a bracket that is screwed to the wall and holds the projector in place.



White / RGB • IPX8 • CE

Type of pool	Light colour	Faceplate		Luminous flux
		ABS	Stainless steel	
Concrete	RGB	56010	56011	2.544 lm
	Cool white	56018	56019	4.320 lm
	RGB-DMX	56014	56015	2.544 lm
Prefabricated	RGB	56012	56013	2.544 lm
	Cool white	56020	56021	4.320 lm
	RGB-DMX	56016	56017	2.544 lm

Light			Energy efficiency
Colour	Light colour	Faceplate	
●●●	RGB	RGB	
●	R	Red *	
●	G	Green *	
●	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order



Must always be submerged in water.

Features		
Consumption	White	58 W (60 VA)
	RGB	48 W (64 VA)
	RGB DMX	48 W (64 VA)
Voltage		12 V AC
Service life		L70 - 50.000h
Colours		7/12**
Energy saving*		42%
Connector cable		2,5m. H07RN-F 2x1,5 mm ²

(*) In comparison with an extra-slim incandescent projector
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

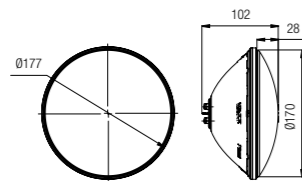
Led lighting for residential pools

LumiPlus PAR56 1.11 LAMP

PAR56 lamps have been developed to obtain maximum power efficiency. Manufactured for use in pools, in which a good and even distribution of light is required.

LED white light lamps are ideal for replacing PAR56 300 W halogen lamps as they save over 90% in power consumption and have a service life of up to 100 times longer than a PAR56 halogen lamp.

If RGB DMX lamps are installed, they must be connected to the DMX modulator (code 41107).



White / RGB • IPX8 • CE •

Light colour	Code	Luminous flux
RGB	56001	1.100 lm
Cool white	52596	1.485 lm
RGB-DMX	56002	1.100 lm

Light			Energy efficiency
Colour			
	RGB	RGB	
	R	Red *	
	G	Green *	
	B	Blue *	
	NW	Neutral white *	
	WW	Warm white *	
	W	Cool white	

(*) Light colours supplied to order



Must always be submerged in water. Cable not included.

Features		
Consumption	White	16 W (24 VA)
	RGB	27 W (37 VA)
	RGB DMX	27 W (37 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	95%	

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

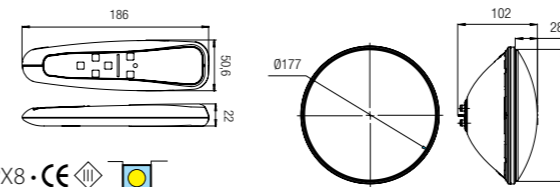
Led lighting for residential pools

PAR56 1.11 RGB WIRELESS LAMP

New range of wireless lamps controlled using the LumiPlus Control Motion device. The LumiPlus Motion Control device directly sends signals to the LumiPlus 1.11 RGB wireless lamps without the need for an external modulator.

The LumiPlus Motion Control device has a motion sensor that enables colours and sequences to be changed through movement.

The changes in colour, sequences and their speed, as well as turning the lamps on and off can be done using the remote control.



RGB • IPX8 • CE •

Code	Article	Luminous flux
59126	1 PAR56 1.11 lamp + 1 Control Motion	1.100 lm
59127	2 PAR56 1.11 lamps + 1 Control Motion	
59124	PAR56 1.11 RGB wireless lamp	

Light		
Colour		Energy efficiency
	RGB	



Cable not included. must always be installed submerged in water. LumiPlus Motion Control cannot be submerged in water..

Features		
Lumens	RGB	1.100 lm
Consumption	RGB	27 W (37 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	12**	
Energy saving*	91%	

(*) In comparison with an incandescent PAR56 lamp

LumiPlus control systems

LumiPlus Wireless
59125 LumiPlus Control Motion
64633 LumiPlus Range Extender

Led lighting for residential pools

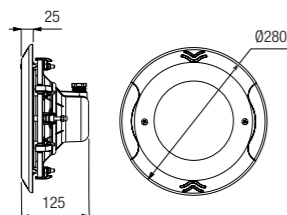
LumiPlus PAR56 1.11 PROJECTOR

To illuminate a pool properly, it is recommended to install a LumiPlus PAR56 1.11 every 20m² of water surface. Note: In pools with dark colours it is recommended to use more projectors per m².

The projectors in the LumiPlus range can be fastened using standard or universal mounts. Niches must be purchased separately.

If DMX lamps are installed, they must be connected to the DMX modulator (code 41107).

This projector can be installed in newly built pools and any type of existing pool (concrete, panel, liner, etc.).



White / RGB • IPX8 • CE

Mount	Light colour	Faceplate		Luminous flux
		ABS	Stainless steel	
STD	RGB	56003	56004	1.100 lm
	Cool white	52599	52600	1.485 lm
	RGB DMX	56005	56006	1.100 lm
	RGB	53838	-	1.100 lm
Universal	Cool white	53839	-	1.485 lm
	RGB-DMX	53842	-	1.100 lm

Light			Energy efficiency
Colour	Light colour	Faceplate	
●●●	RGB	RGB	
●	R	Red *	
●	G	Green *	
●	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order



STD MOUNTING SYSTEM

UNIVERSAL MOUNTING SYSTEM



Must always be submerged in water. Projectors without niche; for full projector assembly, select a niche suited for the pool in question. See p. 27.

Features		
Consumption	White	16 W (24 VA)
	RGB	27 W (37 VA)
	RGB DMX	27 W (37 VA)
Voltage		12 V AC
Service life		L70 - 50.000h
Colours		7/12**
Energy saving*		95%
Connector cable		2,5m. H07RN-F 2x1,5 mm ²

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

- LumiPlus RGB TOP**
41988 LumiPlus remote control
27818 LumiPlus modulator
- LumiPlus RGB DMX**
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen
- LumiPlus RGB ECO**
32458 LumiPlus RGB N/C switch
- LumiPlus ModBus**
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus
- LumiPlus LED app**
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

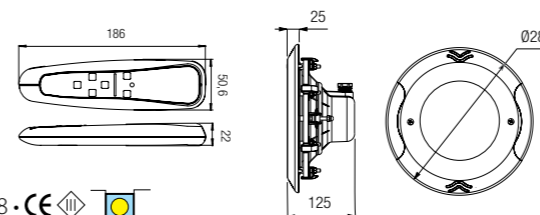
Led lighting for residential pools

LUMIPLUS PAR56 1.11 RGB WIRELESS PROJECTOR

New range of wireless lamps controlled using the LumiPlus Control Motion device. The LumiPlus Motion Control device directly sends signals to the LumiPlus 1.11 RGB wireless lamps without the need for an external modulator.

The LumiPlus Motion Control device has a motion sensor that enables colours and sequences to be changed through movement.

The changes in colour, sequences and their speed, as well as turning the lamps on and off can be done using the remote control.



RGB • IPX8 • CE

Code	Articles	Luminous flux	Faceplate
59128	KIT of 1 par56 1.11 projector RGB wireless + 1 LumiPlus Control Motion	1.100 lm	ABS
59129	KIT of 2 par56 1.11 projectors RGB wireless + 1 LumiPlus Control Motion		
59130	1 RGB 1.11 wireless projector		

Light		Energy efficiency
Colour	Light colour	
●●●	RGB	



Must always be submerged in water. The LumiPlus Motion Control must not be submerged in water. Projector with a universal mounting system. Projectors without niche; for full projector assembly, select a niche suited for the pool in question. See p. 27

Features	
Consumption	RGB 27 W (37 VA)
Voltage	12 V AC
Service life	L70 - 50.000h
Colours	12*
Energy saving*	91%
Connector cable	2,5m. H07RN-F 2x1,5 mm ²

(*) In comparison with an incandescent PAR56 lamp

LumiPlus control systems

- LumiPlus Wireless**
59125 LumiPlus Control Motion
64633 LumiPlus Range Extender

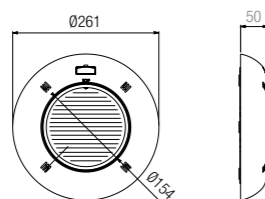
Led lighting for residential pools

LumiPlus S-LIM 1.11 PROJECTOR

The S-Lim projector has small LEDs and a flat front that gives a better light distribution in a pool. The RGB lamps in this new range reduce power consumption by 40% in comparison with the previous range.

If DMX lamps are installed, they must be connected to the DMX modulator (code 41107).

Available with faceplates in ABS plastic or stainless steel.



White / RGB • IPX8 • CE •

Type of pool	Light colour	Faceplate		Luminous flux
		ABS	Stainless steel	
Concrete	RGB	56022	56023	1.100 lm
	Cool white	56030	56031	1.485 lm
	RGB-DMX	56026	56027	1.100 lm
Prefabricated	RGB	56024	56025	1.100 lm
	Cool white	56032	56033	1.485 lm
	RGB-DMX	56028	56029	1.100 lm

Light			Energy efficiency
Colour	Code	Description	
	RGB	RGB	
	R	Red *	
	G	Green *	
	B	Blue *	
	NW	Neutral white *	
	WW	Warm white *	
	W	Cool white	

(*) Light colours supplied to order

Must always be submerged in water.

Features		
Consumption	White	16 W (24 VA)
	RGB	27 W (37 VA)
	RGB DMX	27 W (37 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	84%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with an extra-slim incandescent projector
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

- LumiPlus RGB TOP**
41988 LumiPlus remote control
27818 LumiPlus modulator
- LumiPlus RGB ECO**
32458 LumiPlus RGB N/C switch
- LumiPlus RGB DMX**
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen
- LumiPlus ModBus**
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus
- LumiPlus LED app**
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

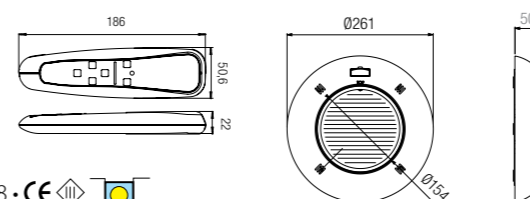
Led lighting for residential pools

LumiPlus S-LIM RGB 1.11 WIRELESS PROJECTOR

New range of wireless lamps controlled using the LumiPlus Control Motion device. The LumiPlus Motion Control device directly sends signals to the LumiPlus 1.11 RGB wireless lamps without the need for an external modulator.

The LumiPlus Motion Control device has a motion sensor that enables colours and sequences to be changed through movement.

The changes in colour, sequences and their speed, as well as turning the lamps on and off can be done using the remote control.



RGB • IPX8 • CE •

Type of pool	Articles	Kit	Luminous flux	Faceplate
Concrete	61314	1 projector + 1 Control Motion	1.100 lm	ABS
Prefabricated	61316	1 projector + 1 Control Motion		
Concrete	61315	2 projectors + 1 Control Motion		
Prefabricated	61317	2 projectors + 1 Control Motion		
Concrete	61318	1 projector RGB 1.11		
Prefabricated	61320	1 projector RGB 1.11 Wireless		

Must always be submerged in water.

Features		
Consumption	RGB	27 W (37 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	12*	
Energy saving*	73%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with an extra-slim incandescent projector

LumiPlus control systems

- LumiPlus Wireless**
59125 LumiPlus Control Motion
64633 LumiPlus Range Extender

Light		
Colour	Code	Description
	RGB	RGB

Led lighting for residential pools

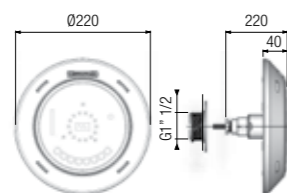
LumiPlus 1.11 RAPID PROJECTOR

To illuminate a pool properly, it is recommended that a spotlight from the LumiPlus Rapid family be installed for every 20 m² of water surface.

Note: Strongly recommended for pools in light colours. In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².

LED lighting for concrete pools with polyester lining and panel pools with liner. Suitable for installation in many types of pool.

Easy to install and connect using fast-on terminals. Reliable thanks to the internal seals that prevent any power failures due to a wrongly wired cable and the handling of the internal components.



White / RGB • IPX8 • CE •

Light colour	Code	Luminous flux
RGB	62328	1.100 lm
Cool white	62327	1.485 lm

Adaptadores LP Mini/Rapid	Ø	Conexión
62395 / 64340 / 64339	2	Ø 63PN-10 pipe
	3	Ø 63PN-6 pipe
	3,5	Wall conduit (00324, 15660, 15661)

Light			Energy efficiency
Colour			
	RGB	RGB	
	R	Red *	
	G	Green *	
	B	Blue *	
	NW	Neutral white *	
	WW	Warm white *	
	W	Cool white	

(*) Light colours supplied to order



Led lighting for residential pools

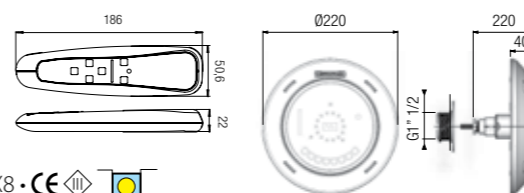
LumiPlus RAPID 1.11 RGB WIRELESS PROJECTOR

To illuminate a pool properly, it is recommended that a spotlight from the LumiPlus Rapid family be installed for every 20 m² of water surface.

Note: Strongly recommended for pools in light colours. In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².

LED lighting for concrete pools with polyester lining and panel pools with liner. Suitable for installation in many types of pool.

Easy to install and connect using fast-on terminals. Reliable thanks to the internal seals that prevent any power failures due to a wrongly wired cable and the handling of the internal components.



White • IPX8 • CE •

Code	Articles	Luminous flux	Faceplate
64561	1 RAPID RGB wireless projector	1.100 lm	ABS
62393	1 RAPID RGB projector + 1 Control Motion		
64562	2 RAPID RGB projectors+ 1 Control Motion		

Light		Energy efficiency
Colour		
	RGB	



Must always be submerged in water. Easy to install in most connection nozzles with an inner G 1" 1/2 thread, wall conduits, Ø63 PN-6/10 pipes and niches (53956, 60229).

Features		
Consumption	RGB	27 W (37 VA)
Voltage		12 V AC
Service life		L70 - 50.000h
Colours		12*
Energy saving*		91%
Connector cable		2,5m. H07RN-F 2x1 mm ²

(*) In comparison with an incandescent PAR56 lamp

LumiPlus control systems

LumiPlus Wireless
59125 LumiPlus Control Motion
64633 LumiPlus Range Extender

Must always be submerged in water. The RGB model is compatible with all LumiPlus control devices. White ABS finish. Easy to install in most connection nozzles with an inner G 1" 1/2 thread, wall conduits, Ø63 PN-6/10 pipes and niches (53956, 60229).

Features		
Consumption	White	16 W (24 VA)
	RGB	27 W (37 VA)
	WIRELESS	27 W (37 VA)
Voltage		12 V AC
Service life		L70 - 50.000h
Colours		7/12*
Energy saving*		95%
Connector cable		2,5m. H07RN-F 2x1 mm ²

(*) In comparison with an incandescent PAR56 lamp

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Led lighting for residential pools



LumiPlus MINI 3.13 PROJECTOR

To illuminate a pool properly, it is recommended that a spotlight from the LumiPlus 3.13 family be installed for every 5 m² of water surface.

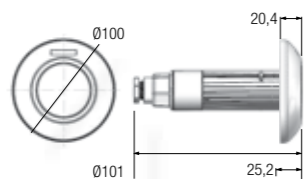
Note: Strongly recommended for pools in light colours. In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².

New family of **mini** LED projectors with greater light intensity, of higher quality and better energy efficiency.

Their design now makes for a more seamless fit in pools and they are

easier to install than the current range. Suitable for installation in wall conduits, connector nozzles, niches and spas.

The LumiPlus Mini 3.13 projects are available in a **Pure White** or **Inox Effect** finish and are manufactured using **IMD technology**.



May be installed both in and out of the water. The RGB projector can be installed with a modulator (code 27818) and control a power load of up to 900 VA. In installations with a DMX controller, a power pack (code 52142) must also be installed.

White / RGB • IP68 • CE

Colour	Finish	Concrete pools		Liner pools	Spas/Prefabricated pools	Prefabricated pool	Luminous flux
		Ø63 PN6 / PN10 pipe	Niche	Niche	2" thread	1"½ thread	
RGB	Face plate	59971	59971 + 53956	59971 + 59983	59973	59971	186 lm
	Inox Effect	59972	59972 + 53956	59972 + 60229	59974	59972	
RGB DMX	Face plate	59975	59975 + 53956	59975 + 59983	59977	59975	186 lm
	Inox Effect	59976	59976 + 53956	59976 + 60229	59978	59976	
Cool white	Face plate	59979	59979 + 53956	59979 + 59983	59981	59979	315 lm
	Inox Effect	59980	59980 + 53956	59980 + 60229	59982	59980	

Light			Energy efficiency
Colour			
●●●	RGB	RGB	
●	R	Red *	
●	G	Green *	
●	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB DMX
41329 Software / Astral DMX Controller
41330 Software / Astral DMX Pro Controller
52142 Power pack for Mini and Quadraled projectors
51297 DMX touch screen

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point



Led lighting for residential pools

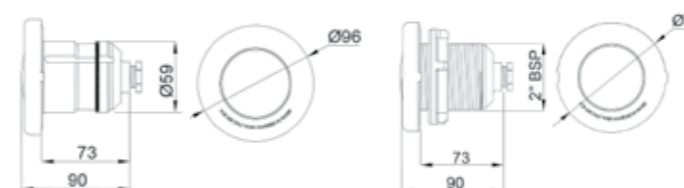


LumiPlus MINI 2.11 PROJECTOR

To illuminate a pool properly, it is recommended that a spotlight from the LumiPlus Mini 2.11 family be installed for every 5 m² of water surface.

Note: Strongly recommended for pools in light colours.

In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².



White / RGB • IP68 • CE

	Light colour	Faceplate		Luminous flux
		ABS	Stainless steel	
Rapid coupling	RGB	52124	52125	186 lm
	RGB-DMX	52136	52137	186 lm
	Cool white	52130	52131	315 lm
Spa and prefabricated pools	RGB	52126	52127	186 lm
	RGB-DMX	52138	52139	186 lm
	Cool white	52132	52133	315 lm

Light			Energy efficiency
Colour			
●●●	RGB	RGB	
●	R	Red *	
●	G	Green *	
●	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order

May be installed both in and out of the water. The RGB projector can be installed with a modulator (code 27818) and control a power load of up to 900 VA. In installations with a DMX controller, a power pack (code 52142) must also be installed (can handle up to 9 projectors).

Features		
Consumption	White	4 W (6 VA)
	RGB	4 W (7 VA)
	RGB DMX	4 W (4 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	92%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with a Mini incandescent projector
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
52142 Power pack for Mini and Quadraled projectors
51297 DMX touch screen

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point



Led lighting for residential pools

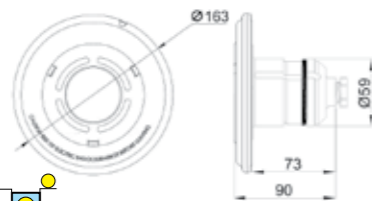


LumiPlus MINI 2.11 PROJECTOR WITHOUT NICHE

To illuminate a pool properly, it is recommended that a spotlight from the LumiPlus 2.11 family be installed for every 5 m² of water surface.

Note: Strongly recommended for pools in light colours.

In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².

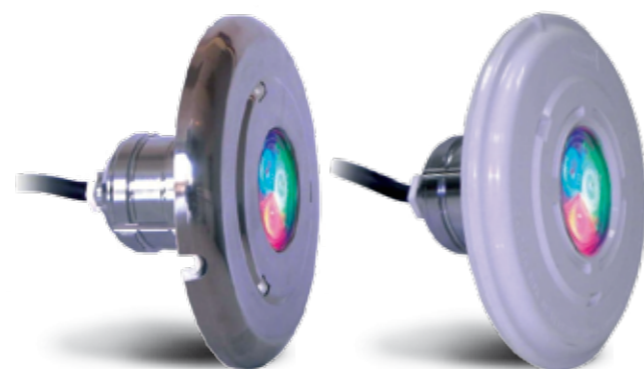


White / RGB • IP68 • CE

Light colour	Faceplate		Luminous flux
	ABS	Stainless steel	
RGB	52128	52129	186 lm
RGB-DMX	52140	52141	186 lm
Cool white	52134	52135	315 lm

Light			Energy efficiency
Colour	Code	Description	
•••	RGB	RGB	
•	R	Red *	
•	G	Green *	
•	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order



May be installed both in and out of the water. The RGB projector can be installed with a modulator (code 27818) and control a power load of up to 900 VA. In installations with a DMX controller, a power pack (code 52142) must also be installed (can handle up to 9 projectors).

Features		
Consumption	White	4 W (6 VA)
	RGB	4 W (7 VA)
	RGB DMX	4 W (4 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	92%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with a Mini incandescent projector
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
52142 Power pack for Mini and Quadraled projectors
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Led lighting for residential pools

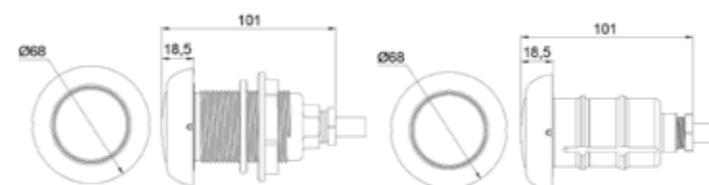


LumiPlus MICRO 2.11 PROJECTOR

To illuminate a pool properly, it is recommended that a spotlight from the LumiPlus MICRO family be installed for every 5 m² of water surface.

Note: Strongly recommended for pools in light colours.

In pools with a dark or stainless steel finish, it is recommended to use more projectors per m².



White / RGB • IP68 • CE

	Light colour	Faceplate		Luminous flux
		ABS	Stainless steel	
Rapid coupling	RGB	64552	64553	186 lm
	RGB-DMX	64557	64558	186 lm
	Cool white	38814	38816	315 lm
Spa and Prefabricated pools	RGB	35275	35276	186 lm
	RGB-DMX	64539	64560	186 lm
	Cool white	40765	40766	315 lm

Light			Energy efficiency
Colour	Code	Description	
•••	RGB	RGB	
•	R	Red *	
•	G	Green *	
•	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order



May be installed both in and out of the water. The RGB projector can be installed with a modulator (code 27818) and control a power load of up to 900 VA. In installations with a DMX controller, a power pack (code 52142) must also be installed (can handle up to 9 projectors).

Features		
Consumption	White	6 W (9 VA)
	RGB	4 W (7 VA)
	RGB DMX	4 W (4 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	92%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with a Mini incandescent projector
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
52142 Power pack for Mini and Quadraled projectors
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Control systems



LUMIPLUS RGB ECO

Article	
32458	LumiPlus RGB N/C switch

The pushbuttons on this device control the colour changes and sequences of LumiPlus projectors. There is a range of 7 colours and 7 colour sequences. Maximum power input of 700 VA. It should be connected to the transformer's primary winding with an output of 230 VAC.



32458
LumiPlus RGB pushbutton

LUMIPLUS CONTROL MOTION

Article	
59125	LumiPlus Control Motion

This device is only compatible with LumiPlus wireless projectors. It is able to turn the wireless projectors on and off, change their colours and sequences, and select the speed of the sequences. In addition, it is sensitive to movement so that if the LumiPlus Motion Control is moved vertically the colour can be changed and if moved horizontally the sequence can be changed.



59125
LumiPlus control Motion

LUMIPLUS RGB TOP

Article	
27818	Modulator with antenna for LumiPlus RGB projectors
41988	LumiPlus remote control

This is able to turn the projectors on and off, change their colours and the speed of the sequences. It has a range of 12 colours and 8 sequences of colour changes. The LumiPlus modulator has an antenna with a range of 50 metres able to receive signals from the LumiPlus remote control (must be purchased separately). If the LumiPlus modulator is operated using the LumiPlus RGB remote control, it is also possible to set a timer for tuning the projectors off. Maximum power input of 900 VA. A total of 10 LumiPlus modulators can be synchronised.



27818
LumiPlus Modulator



41988
LumiPlus RGB Remote Control

Control systems



LUMIPLUS MODBUS

Modulator	Article	
Modbus	57434	LumiPlus Modbus
	57435	Modulator + LumiPlus Modbus

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 the speed of sequences, as well as to set the time for putting the projectors in sleep mode. It has a range of 12 colours and 8 sequences of colour changes. The LumiPlus Modbus should only be installed as an additional feature to the LumiPlus modulator.



57434
LumiPlus Modbus



57435
Modulator + LumiPlus Modbus

LUMIPLUS WIRELESS RANGE EXTENDER

Article	
64633	LumiPlus Wireless Range Extender

The LumiPlus Wireless Range Extender is a product that has been specially designed to increase the range of the signal from the LumiPlus Wireless system in pools where there is a poor wireless signal due to architectural features or the surroundings, which make it difficult for the signals from the LumiPlus Motion Control to reach the LumiPlus wireless projectors.



LUMIPLUS LED APP

Article	
59131	LumiPlus Wi-Fi access point
59132	Modulator + LumiPlus Wi-Fi access point

This app enables the LumiPlus modulator to be operated from a smartphone or tablet. It can be used to switch the projectors on and off, change their colours and the speed of sequences, as well as to set the time for putting the projectors in sleep mode. It has a range of 12 colours and 8 sequences of colour changes. The LumiPlus app should only be installed as an additional feature to the LumiPlus modulator.



QR code for downloading the app for Apple



QR code for downloading the app for Android



Control systems

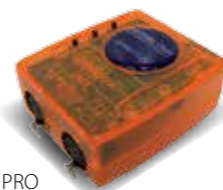


RGB DMX CONTROL SYSTEMS

The **DMX (digital multiplexed)** control system is the communications protocol used for controlling our lighting systems. It is able to create light displays for fountains and large water features, whereby spotlights can be lit up individually or in groups.

As a control system for illuminating fountains, it can be operated from a PC or a standalone programmable module. Comprising the **Astral DMX** (USB-DMX interface) and intuitive software, it enables users to control all of the settings of a projector or a group of projectors. Any colour from a selection of over 16 million colours may be chosen.

The system is an ideal solution for creating displays that almost last forever with spectacular results. There are two systems: the **Astral DMX** that controls illumination and the **Astral DMX Pro**, which in addition to controlling lighting is also able to synchronise music, video images and water effects.



41330
Astral DMX PRO Controller



41329
Astral DMX Controller

LUMIPLUS RGB DMX

Article	
41329	Software/Astral DMX controller
41330	Software/Astral DMX Pro controller (enables synchronisation with music)
52142	DMX power pack (Mini, Quadraled and Micro projectors)
41107	DMX Modulator (for all the LumiPlus range and strip projector)
51297	DMX touch screen



52142
Mini power pack and Quadraled RGB-DMX



51297
DMX Touch screen



41107
Modulator for large RGB-DMX projectors

Niches for projectors



NICHES FOR PROJECTORS

LumiPlus PAR56

Concrete pool	Prefabricated pool		panel pools	
	With inserts	Without inserts	With inserts	Without inserts
00349	00364	28887	23671	23670



LUMIPLUS DESIGN

Concrete pool	Prefabricated pool		Kit Mounting other niches
	With inserts	Without inserts	
59813	59814	59815	59818*



*Compatible with most niches in the market of ø180 to 190 mm (Hugo Lahme, MTS Products, Wibre, etc.); consult your dealer.

LUMIPLUS MINI

Concrete pools	Rapid coupling	Prefabricated pool	panel pools	Liner pools
06967	53956	00369	49828	60229*



*Compatible with LumiPlus Mini 3.13

Niches for rapid coupling **MINI** projectors for concrete pools; suitable for both LED and halogen bulbs. The bulbs are easy to change as a considerable length of cable can be left at the back of the niche. They can be adjusted to the thickness of the gunite. There is a section of tubing on the front of the projectors that can be cut after a pool has been concreted over and the cable can be wound around a spool on the back of the casing. The niche's stuffing box assembly can be reached from the tubing on the front of the casing.



Led lighting for public pools

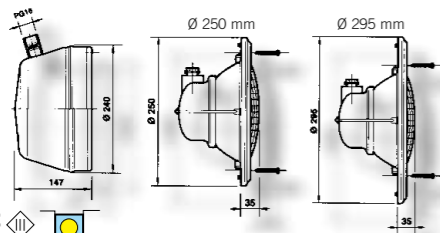


PAR 56 1.11 PROJECTOR IN STAINLESS STEEL

Range of projectors made entirely of AISI-316 stainless steel with LED bulbs. Supplied with a 2.5 m cable and cable duct with a PG16 thread and PG16 to M25 converter.

Lamp assembly fastened to the niche using screws.

For full projector assembly, the niche must be purchased separately.



White / RGB • IPX8 • CE



Must always be submerged in water.

Colour Light	Faceplate		Luminous flux
	Ø 250mm	Ø 295mm	
RGB	54094	54099	1.100 lm
Cool white	54095	54100	1.485 lm

Light			Energy efficiency
Colour	RGB	RGB	
•••	R	Red *	
•••	G	Green *	
•••	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order

NICHES FOR STAINLESS STEEL PROJECTORS

Concrete pool	Liner pool
54102	54103



Led lighting for public pools

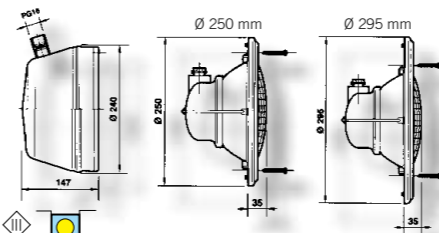


PAR 56 2.0 PROJECTOR IN STAINLESS STEEL

Range of projectors made entirely of AISI-316 stainless steel with LED bulbs. Supplied with a 2.5 m cable and cable duct with a PG16 thread and PG16 to M25 converter.

Lamp assembly fastened to the niche using screws.

For full projector assembly, the niche must be purchased separately.



White / RGB • IPX8 • CE



Must always be submerged in water.

Colour Light	Faceplate		Luminous flux
	Ø 250mm	Ø 295mm	
RGB	54092	54097	2.544 lm
Cool white	54093	54098	4.320 lm

Light			Energy efficiency
Colour	RGB	RGB	
•••	R	Red *	
•••	G	Green *	
•••	B	Blue *	
○	NW	Neutral white *	
○	WW	Warm white *	
○	W	Cool white	

(*) Light colours supplied to order

NICHES FOR STAINLESS STEEL PROJECTORS

Concrete pool	Liner pool
54102	54103



Features		
Consumption	White	16 W (24 VA)
	RGB	27 W (37 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	95%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

- LumiPlus RGB TOP**
 - 41988 LumiPlus remote control
 - 27818 LumiPlus Modulator
- LumiPlus RGB DMX**
 - 41329 Software/Astral DMX controller
 - 41330 Software/Astral DMX Pro controller
 - 41107 DMX Modulator
 - 51297 DMX touch screen
- LumiPlus RGB ECO**
 - 32458 LumiPlus RGB N/C switch

- LumiPlus ModBus**
 - 57434 LumiPlus ModBus
 - 57435 Modulator + LumiPlus ModBus

- LumiPlus LED app**
 - 59131 LumiPlus Wifi access point
 - 59132 Modulator + LumiPlus Wifi access point

Features		
Consumption	White	58 W (60 VA)
	RGB	48 W (64 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	84%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

- LumiPlus RGB TOP**
 - 41988 LumiPlus remote control
 - 27818 LumiPlus Modulator
- LumiPlus RGB DMX**
 - 41329 Software/Astral DMX controller
 - 41330 Software/Astral DMX Pro controller
 - 41107 DMX Modulator
 - 51297 DMX touch screen
- LumiPlus RGB ECO**
 - 32458 LumiPlus RGB N/C switch

- LumiPlus ModBus**
 - 57434 LumiPlus ModBus
 - 57435 Modulator + LumiPlus ModBus

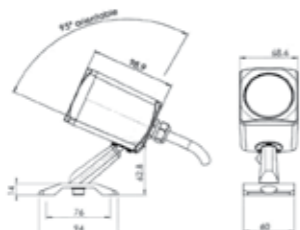
- LumiPlus LED app**
 - 59131 LumiPlus Wifi access point
 - 59132 Modulator + LumiPlus Wifi access point

Decorative lighting

QUADRALED 2.11 PROJECTOR

Projectors designed to be used in fountains, cascades and water features, as well as for illuminating other outdoor features such as monuments, trees, gardens, packs and murals.

Available with 1, 2, 3 and 4 spotlights. Made of aluminium and coated in rustproof paint. Projectors per m².



May be installed both in and out of the water. The RGB projector can be installed with a modulator (code 27818) and control a power load of up to 900 VA. In installations with a DMX controller, a QUADRALED RGB-DMX DMX power pack (code 52142) must also be installed (up to 9 projectors). Screws and wall plugs supplied.

White / RGB • IP68 • CE •

Light colour	Spotlight				Luminous flux per Spotlight
	1 spotlight	2 spotlights	3 spotlights	4 spotlights	
RGB	52143	52144	52145	52146	186 lm
RGB DMX	52151	52152	52153	52154	186 lm
Cool white	52147	52148	52149	52150	315 lm

Light			Energy efficiency
Colour	Code	Description	
	RGB	RGB	
	R	Red *	
	G	Green *	
	B	Blue *	
	NW	Neutral white *	
	WW	Warm white *	
	W	Cool white	

(*) Light colours supplied to order

Features		
Consumption	White	4 W (6 VA)
	RGB	4 W (7 VA)
	RGB DMX	4 W (4 VA)
Voltage	12V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	92%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with a Mini incandescent projector
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus Modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX Modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

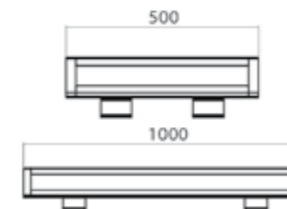
Decorative lighting



STRIP PROJECTORS

The IP68 rated strip projectors are ideal for lighting up architectural and water features.

They have high intensity LEDs and elliptical lenses that make them extremely powerful sources of bright light. The projectors have been specially designed to completely bathe the feature to be illuminated in light as they bring out the full potential of the LEDs and the lenses used.



May be installed both in and out of the water. This product is not intended for pools, but rather for fountains, cascades and water features. Screws and wall plugs supplied. If DMX projectors are installed, they must be connected to the DMX modulator (code 41107). Screws and wall plugs supplied.

White / RGB • IP68 • CE •

Measure	Light colour					
	RGB		White		RGB-DMX	
	Consumption	Luminous flux	Consumption	Luminous flux	Consumption	Luminous flux
50 cm	41636		41637		41638	
	49 W (62 VA)	685 lm	15 W (20 VA)	1070 lm	49 W (62 VA)	685 lm
100 cm	41627		41628		41629	
	98 W (124 VA)	1370 lm	30 W (40 VA)	2140 lm	98 W (124 VA)	1370 lm

Light			Energy efficiency
Colour	Code	Description	
	RGB	RGB	
	R	Red *	
	G	Green *	
	B	Blue *	
	NW	Neutral white *	
	WW	Warm white *	
	W	Cool white	

(*) Light colours supplied to order

Features	
Voltage	12V AC
Service life	L70 - 50.000h
Colours	7/12**
Connector cable	2,5m. H07RN-F 2x1,5 mm ²

(**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus Modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX Modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

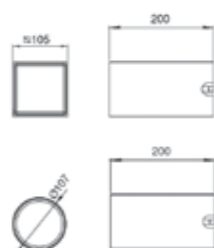
LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Decorative lighting

BRICK LIGHT SERIES PROJECTORS

The Walk series is made up of a wide range of LED luminaires that are ideal for signposting and lighting up footpaths, parks and built-up areas.

Series made up of: Square 110 x 110 mm luminaires and round ones 105 mm in diameter.



White / RGB • IP68 • CE • GREEN FRIENDLY

Light colour			
RGB		White	
Square	Round	Square	Round
45716	45717	57089	57090

Light colour	Luminous flux
RGB	50 lm
Cool white	100 lm

Light			Energy efficiency
Colour			
RGB	RGB		
R	Red *		
G	Green *		
B	Blue *		
NW	Neutral white *		
WW	Warm white *		
W	Cool white		

(*) Light colours supplied to order



The projector has a zinc plated steel niche to make installation easier.

Features		
Consumption	White	5 W (9 VA)
	RGB	5 W (9 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12*	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus Modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX Modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Decorative lighting

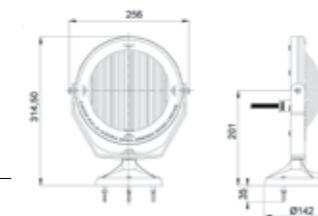
STANDARD LumiPlus 1.11 PROJECTOR FOR FOUNTAINS

This adjustable projector has been specially designed for installation in fountains and decorative water features.

Thanks to its three revolving axes, it can be turned in any direction.

It is supplied with screws and wall plugs.

A spotlight from the LumiPlus 1.1 family should be installed for every 20 m².



White / RGB • IPX8 • CE • GREEN FRIENDLY

Light colour	Code	Luminous flux
RGB	56008	1.100 lm
Cool white	52607	1.485 lm
RGB-DMX	56009	1.100 lm

Light			Energy efficiency
Colour			
RGB	RGB		
R	Red *		
G	Green *		
B	Blue *		
NW	Neutral white *		
WW	Warm white *		
W	Cool white		

(*) Light colours supplied to order



Must always be submerged in water.

Features		
Consumption	White	16 W (24 VA)
	RGB	27 W (37 VA)
	RGB DMX	27 W (37 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	95%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

LumiPlus control systems

LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus Modulator

LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch

LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX Modulator
51297 DMX touch screen

LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus

LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point

Decorative lighting

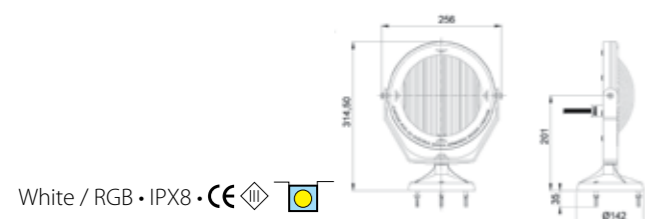
STANDARD LumiPlus 2.0 PROJECTOR FOR FOUNTAINS

The adjustable projector has been specially designed for installation in fountains and decorative water features.

Thanks to its three revolving axes, it can be turned in any direction.

It is supplied with screws and wall plugs.

A spotlight from the LumiPlus 2.0 family should be installed for every 25 m².



White / RGB • IPX8 • CE •

Light colour	Code	Luminous flux
RGB	45635	2.544 lm
Cool white	45636	4.320 lm
RGB-DMX	45648	2.544 lm

Light			Energy efficiency
Colour			
	RGB	RGB	
	R	Red *	
	G	Green *	
	B	Blue *	
	NW	Neutral white *	
	WW	Warm white *	
	W	Cool white	

(*) Light colours supplied to order



Must always be submerged in water.

Features		
Consumption	White	58 W (60 VA)
	RGB	48 W (64 VA)
	RGB DMX	48 W (64 VA)
Voltage	12 V AC	
Service life	L70 - 50.000h	
Colours	7/12**	
Energy saving*	84%	
Connector cable	2,5m. H07RN-F 2x1,5 mm ²	

(*) In comparison with an incandescent PAR56 lamp
 (**) Depends on whether the control system is ECO plus/Modulator 27818

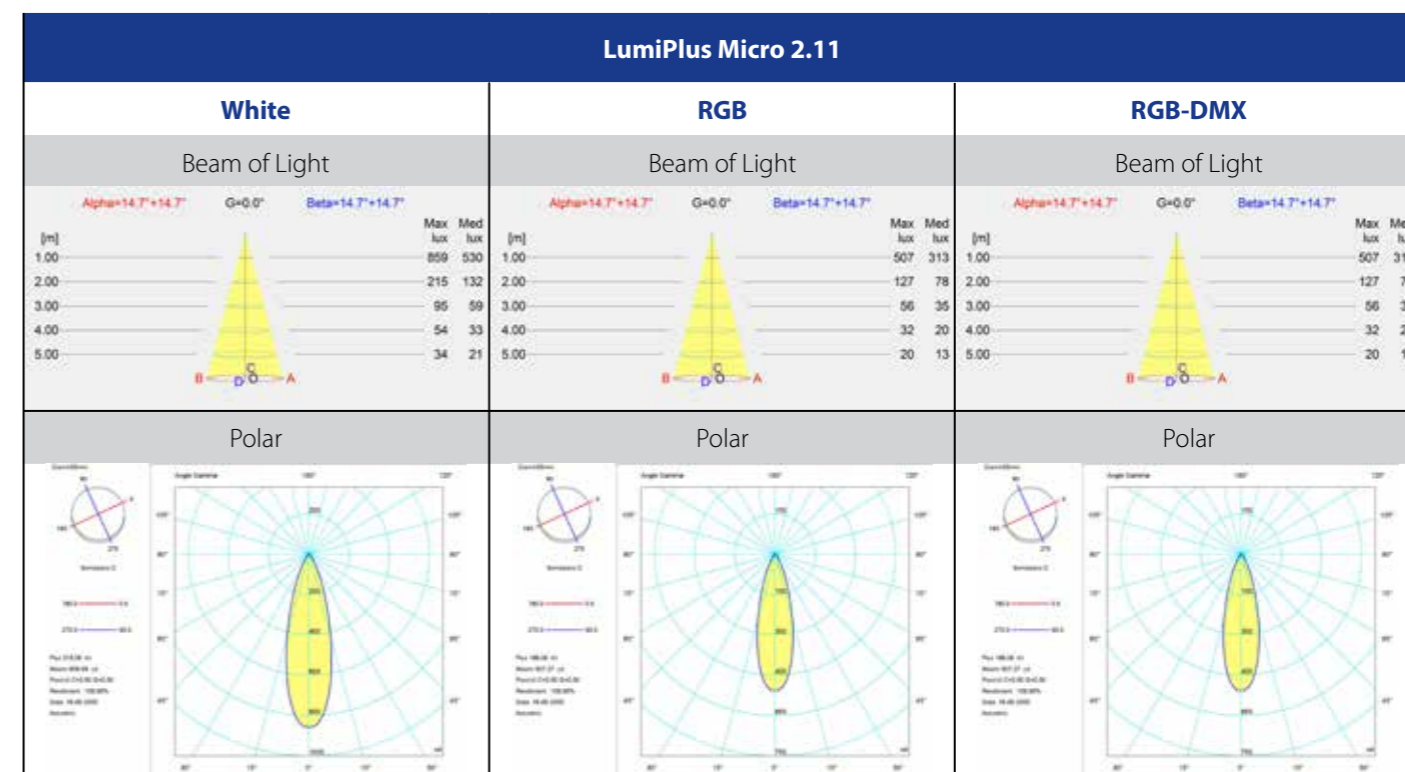
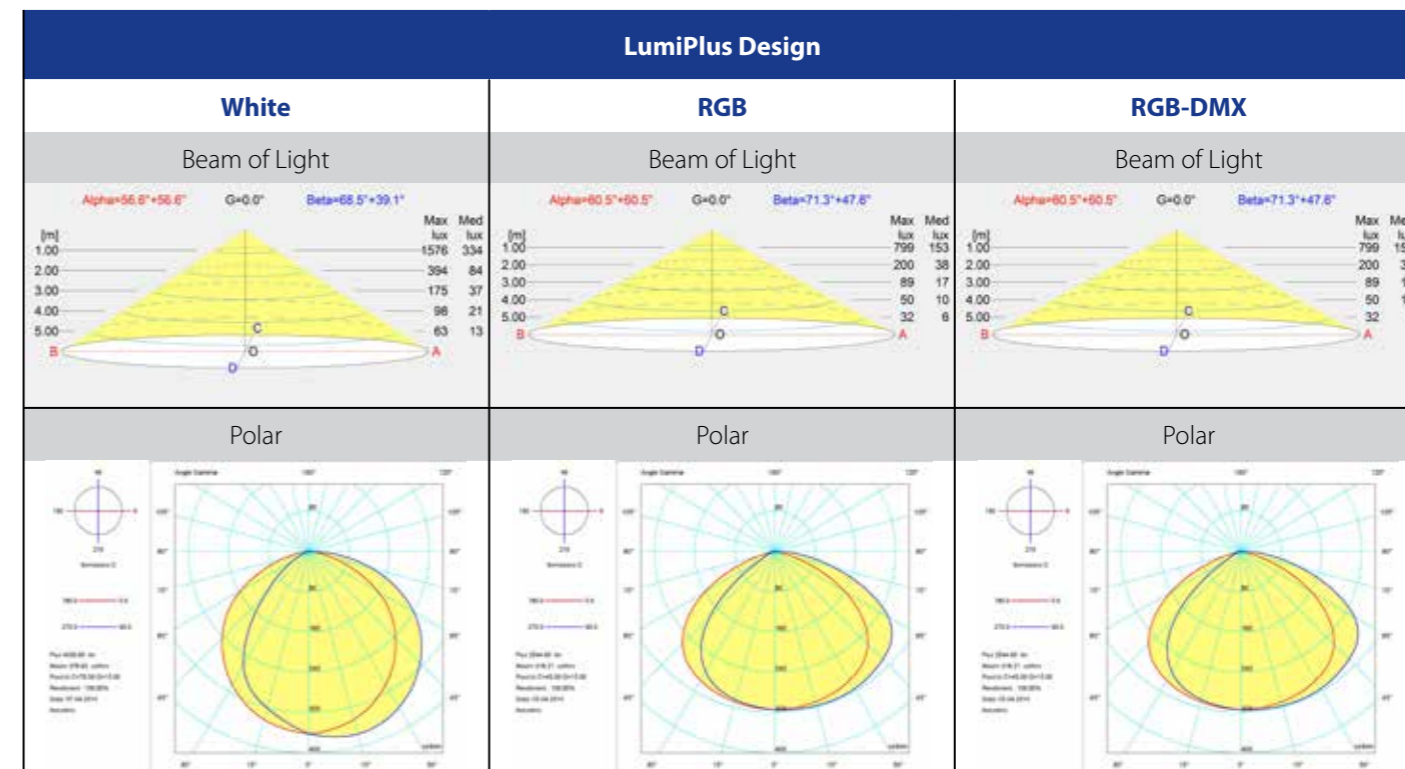
LumiPlus control systems

- | | |
|---|--|
| LumiPlus RGB TOP
41988 LumiPlus remote control
27818 LumiPlus Modulator | LumiPlus RGB DMX
41329 Software/Astral DMX controller
41330 Software/Astral DMX Pro controller
41107 DMX Modulator
51297 DMX touch screen |
| LumiPlus RGB ECO
32458 LumiPlus RGB N/C switch | LumiPlus ModBus
57434 LumiPlus ModBus
57435 Modulator + LumiPlus ModBus |
| LumiPlus LED app
59131 LumiPlus Wifi access point
59132 Modulator + LumiPlus Wifi access point | |

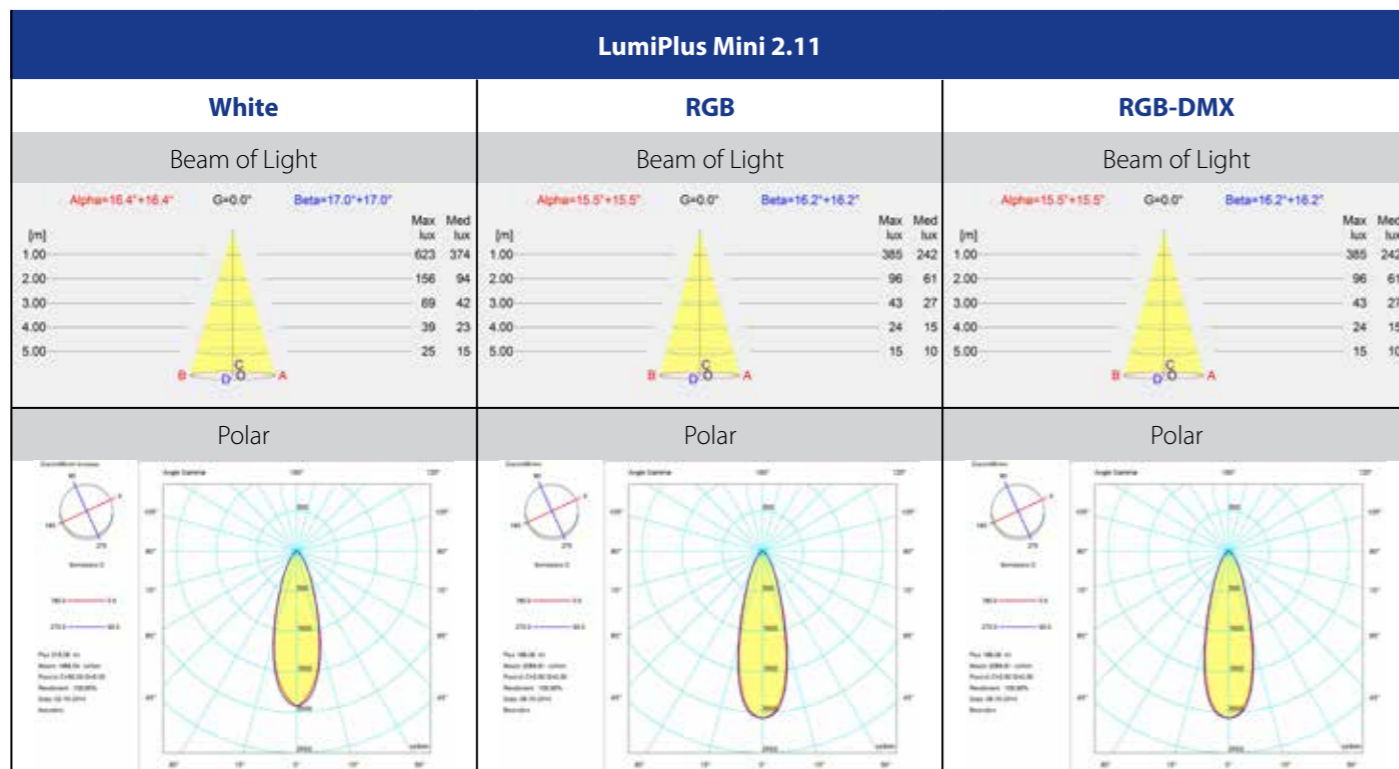
Photometric measurements



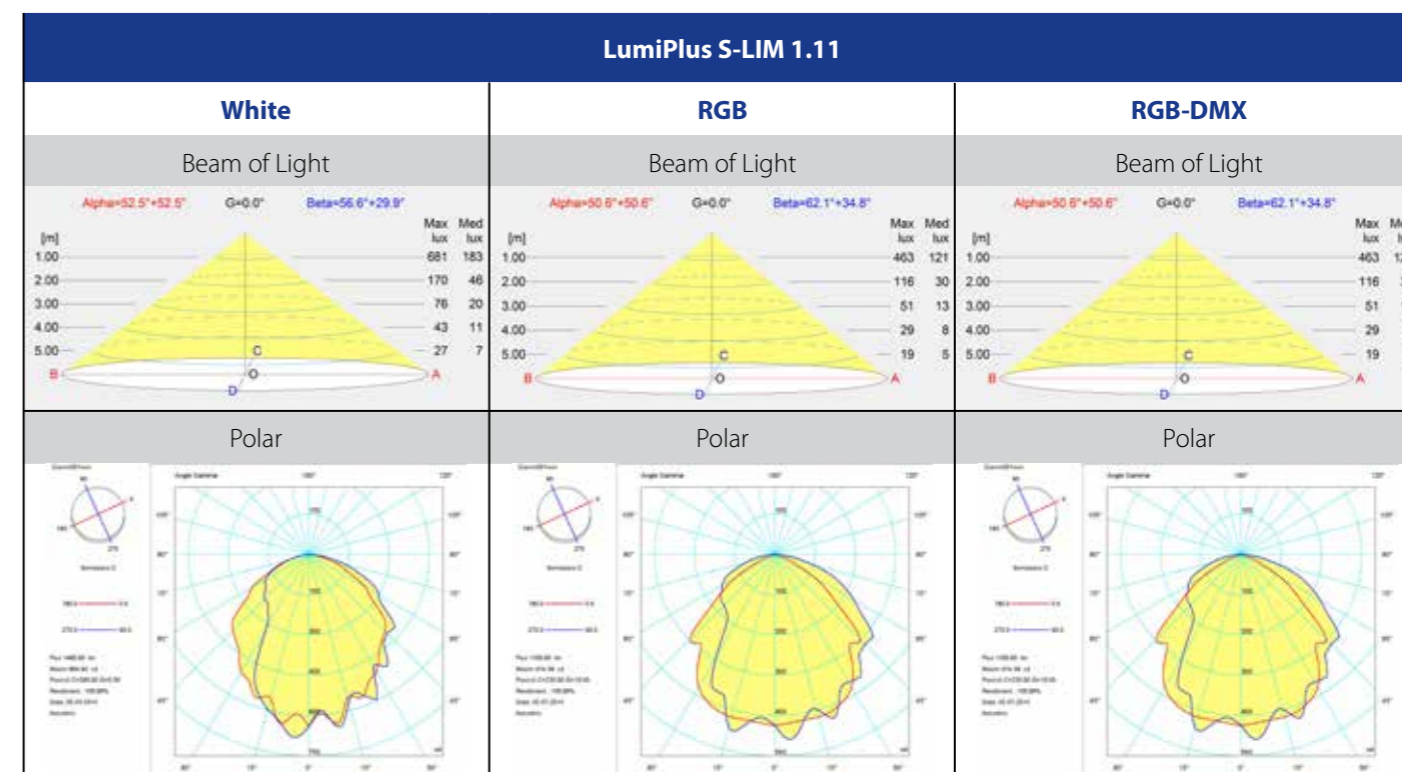
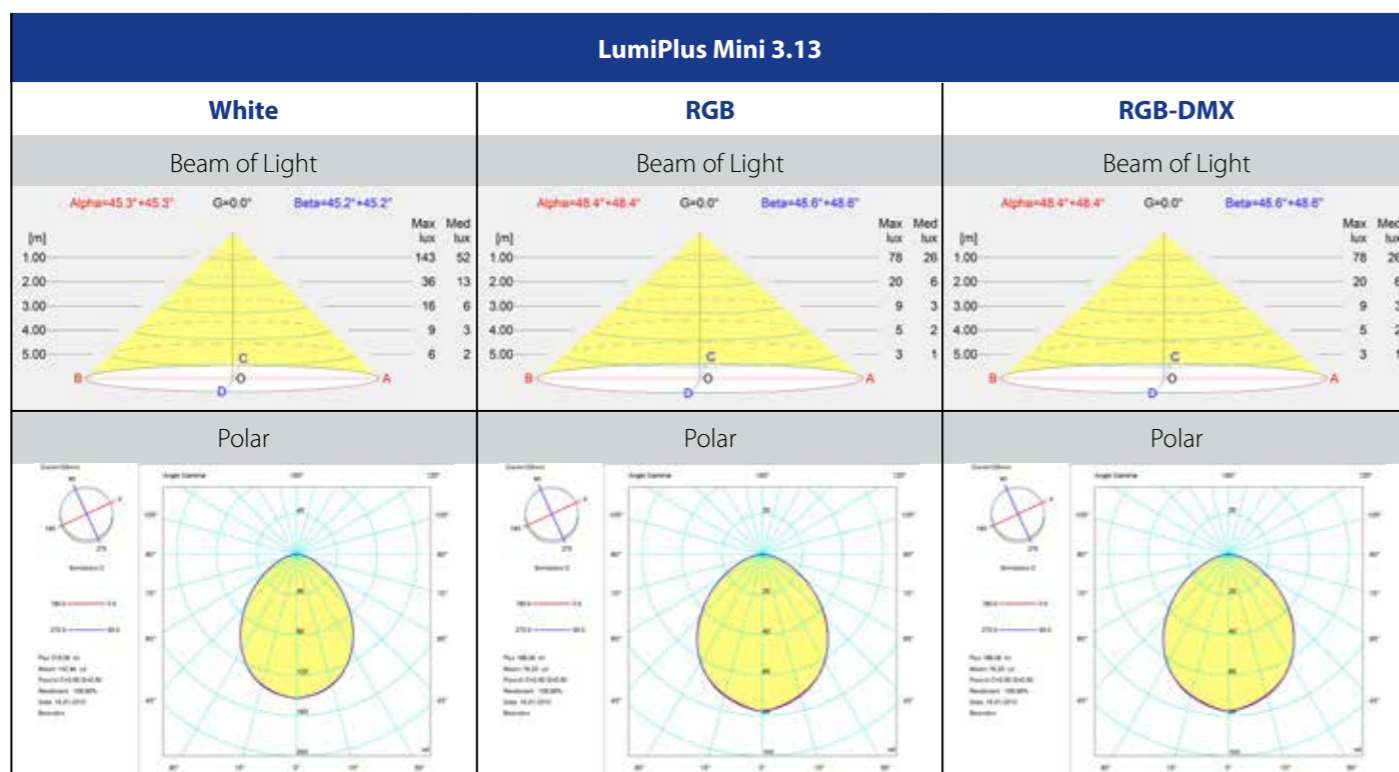
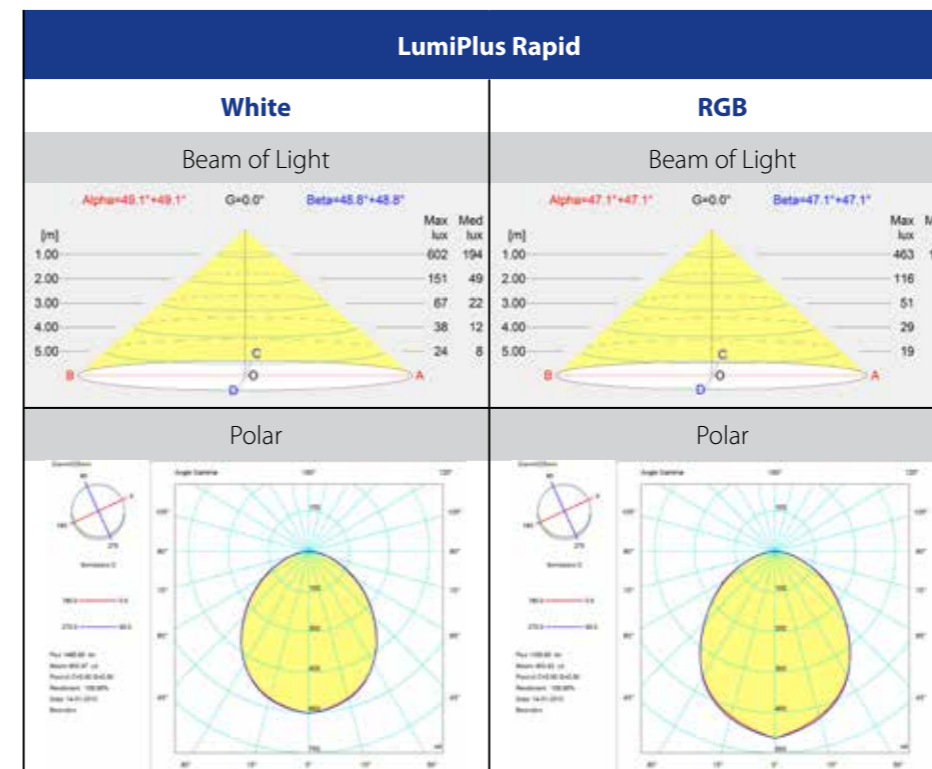
PHOTOMETRIC MEASUREMENT GUIDE



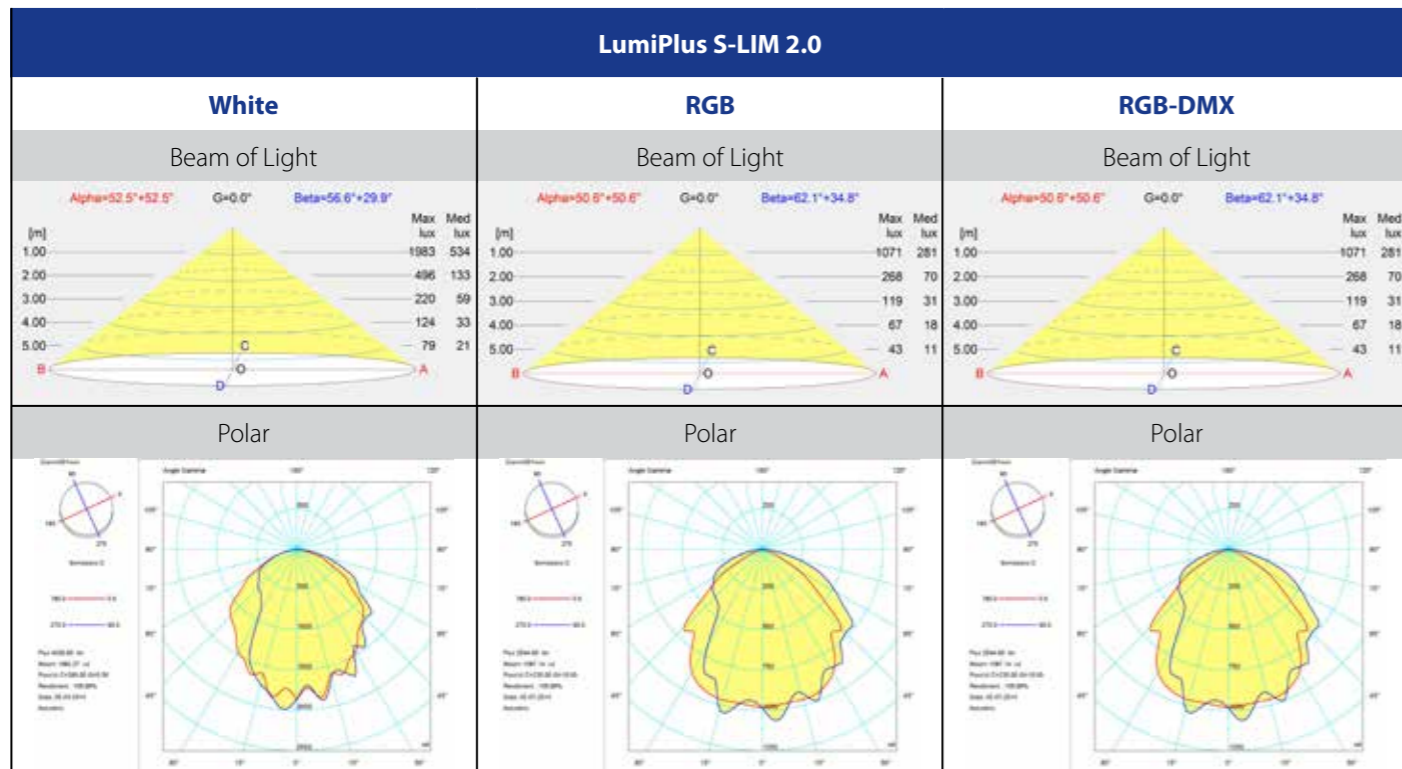
Photometric measurements



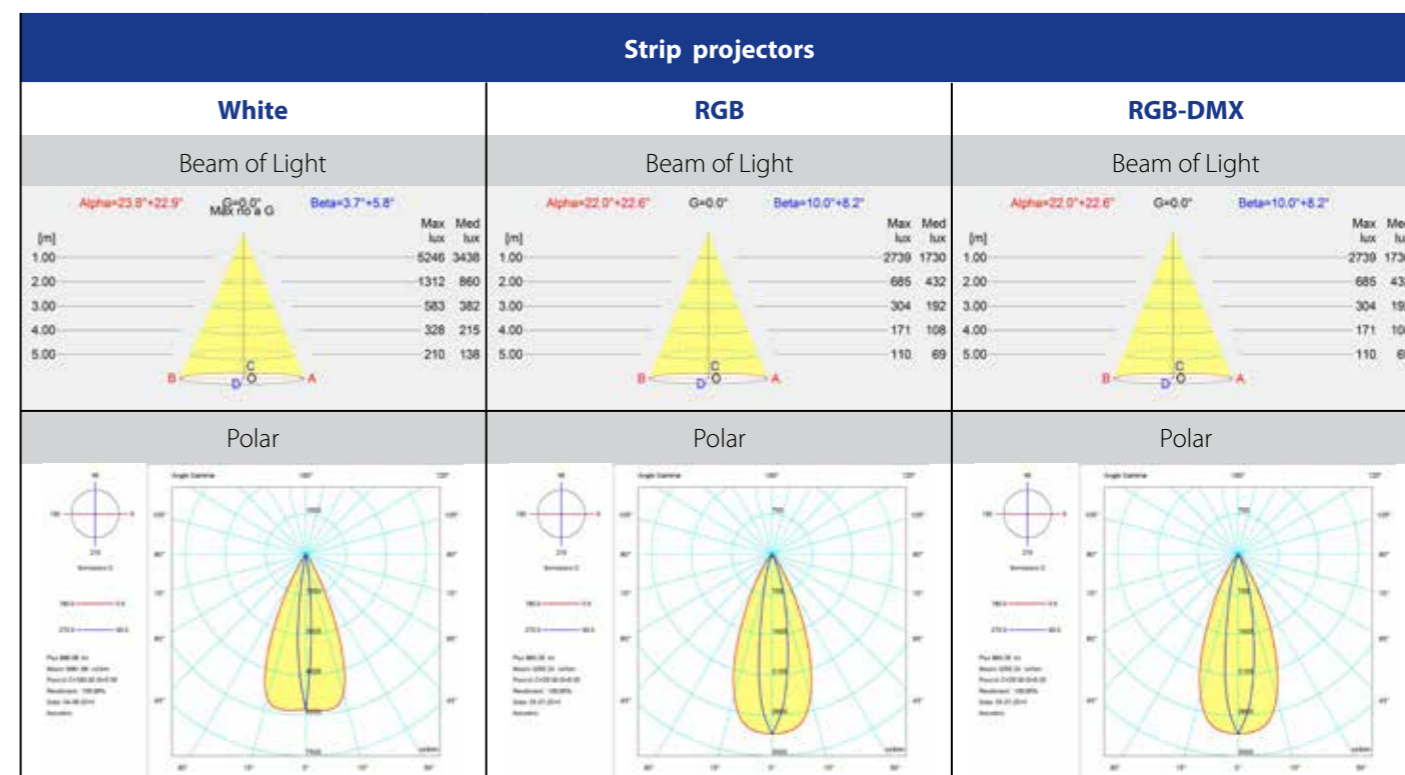
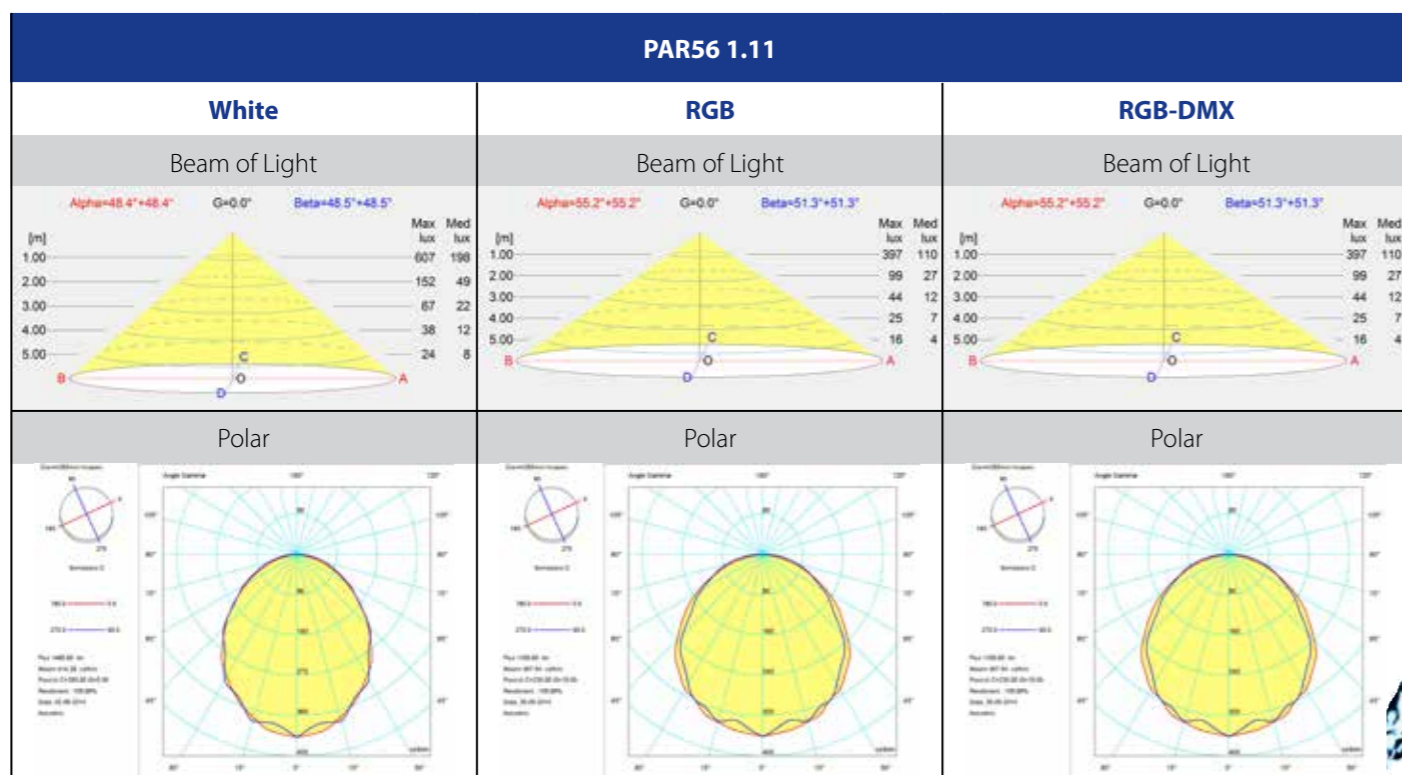
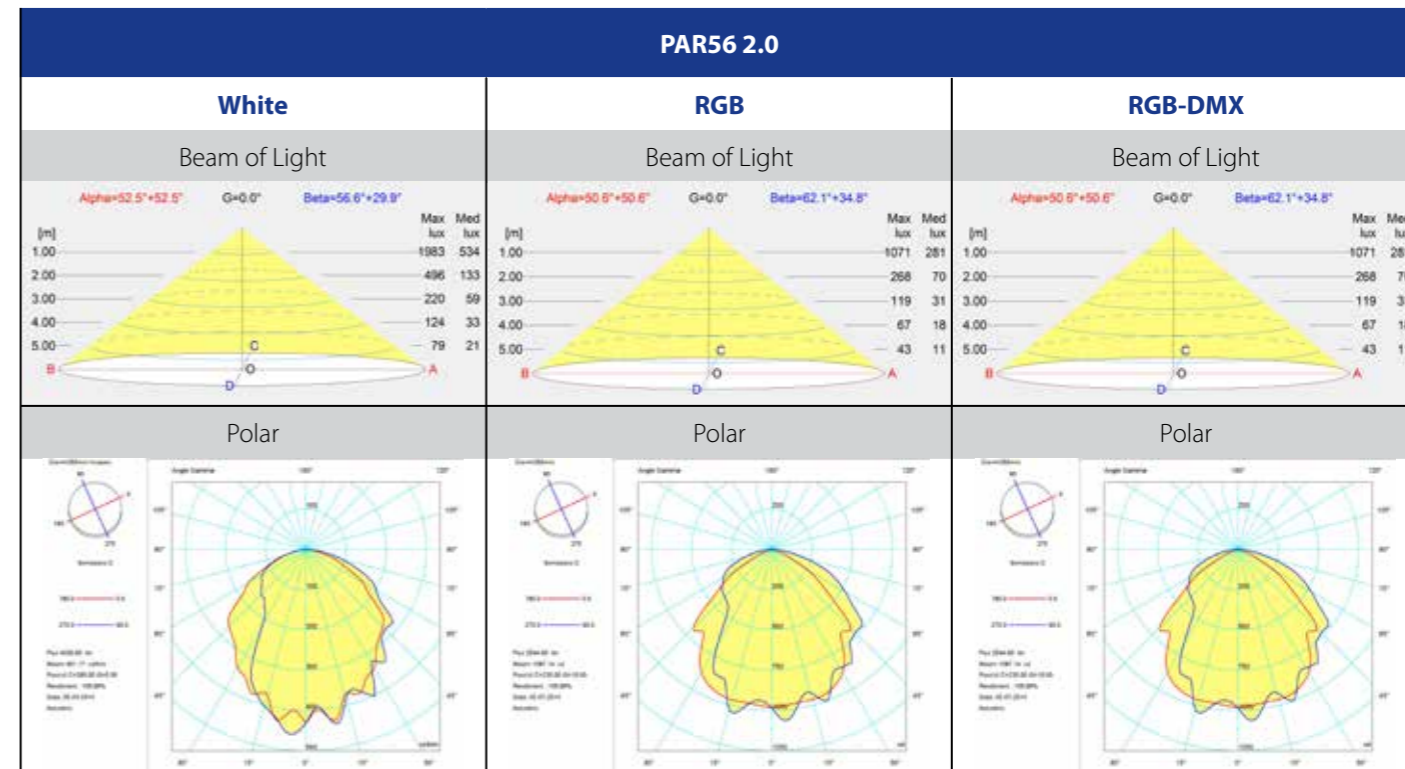
Photometric measurements



Photometric measurements



Photometric measurements





ASTRALPOOL 

www.astralpool.com


FLUIDRA