



Lighting



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LIGHTING

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INTRODUCTION

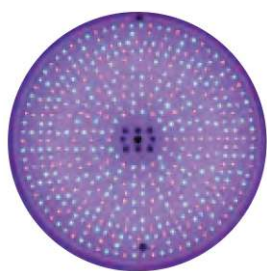
Lighting



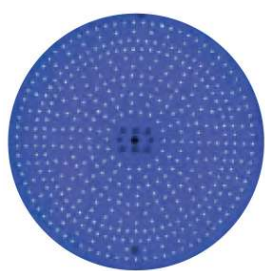
Hidrotermal offers one of the most extensive ranges of products destined for both swimming pools and SPA as well as fountains, aquariums or other aquatic facilities.

Ultra Thin LED panel features

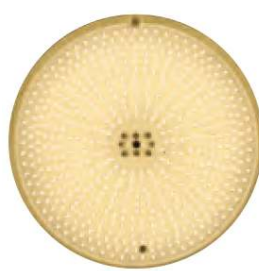
- » Up to 15 meters of light distance underwater.
- » Operating Voltage: AC 12V.
- » Working Temperature: -20°C~ +45°C.
- » Lifespan: 50,000 hours.
- » Warranty: 2 years.
- » Single Colour RGB options available.
- » Standard fixed light colour options are: Cool White, Warm White and Blue.



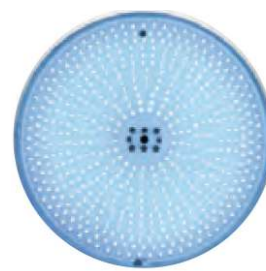
RGB



Single Blue



Warm White



Cool White

All RGB lights have the option to be manufactured at a single given colour.
4 LED Chip Types bring the optimum light efficiency at any given ambience.



DIP φ5 LED



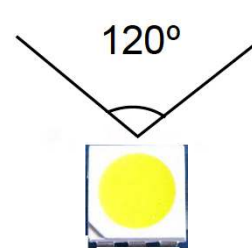
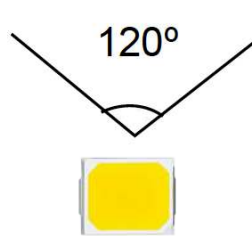
High Power LED



SMD2835 LED



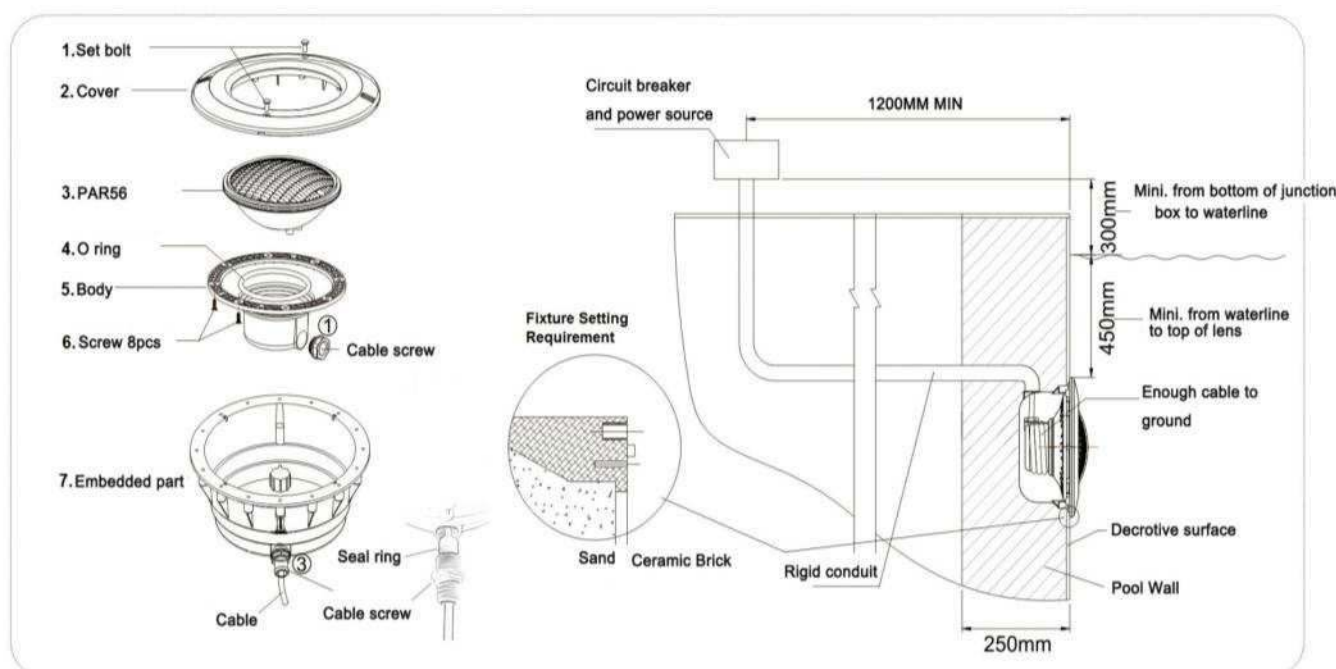
SMD5050 LED



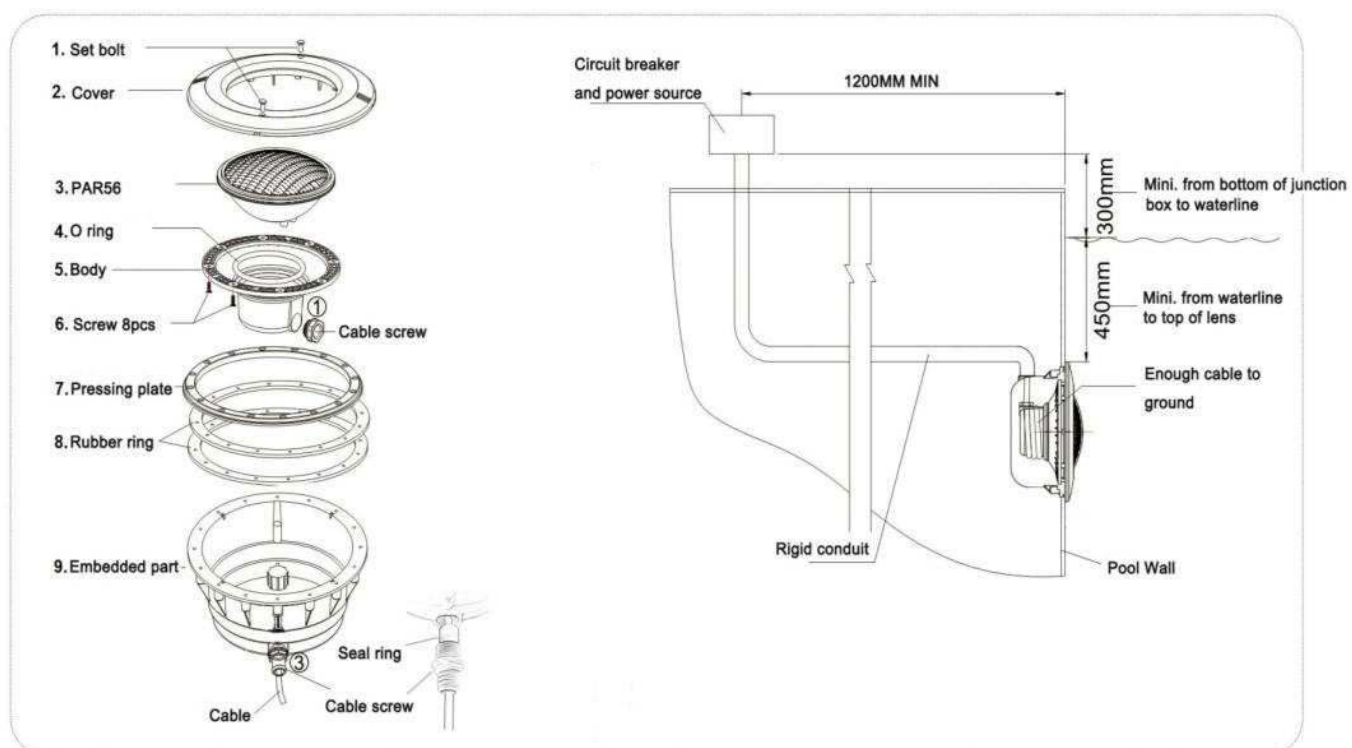
INTRODUCTION

Lighting

Concrete Pool Set Up



Vinyl Pool Set Up



Hidro-PW100



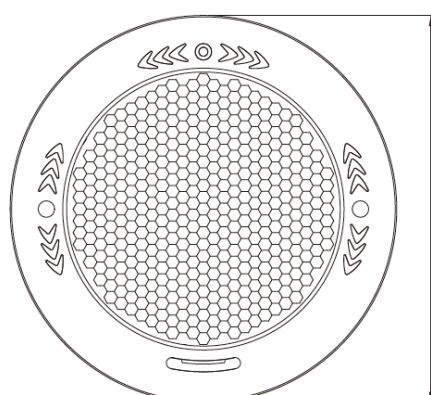
Features

- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Flat Mount Light.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-PW100	Plastic light 144 LEDs (SMD)	10W/12V	750	360	Concrete or Vinyl Pool
Hidro-PW100	Plastic light 252 LEDs (SMD)	20W/12V	1500	720	
Hidro-PW100	Plastic light 441 LEDs (SMD)	35W/12V	2625	1260	

Hidro-Lumen



Φ240

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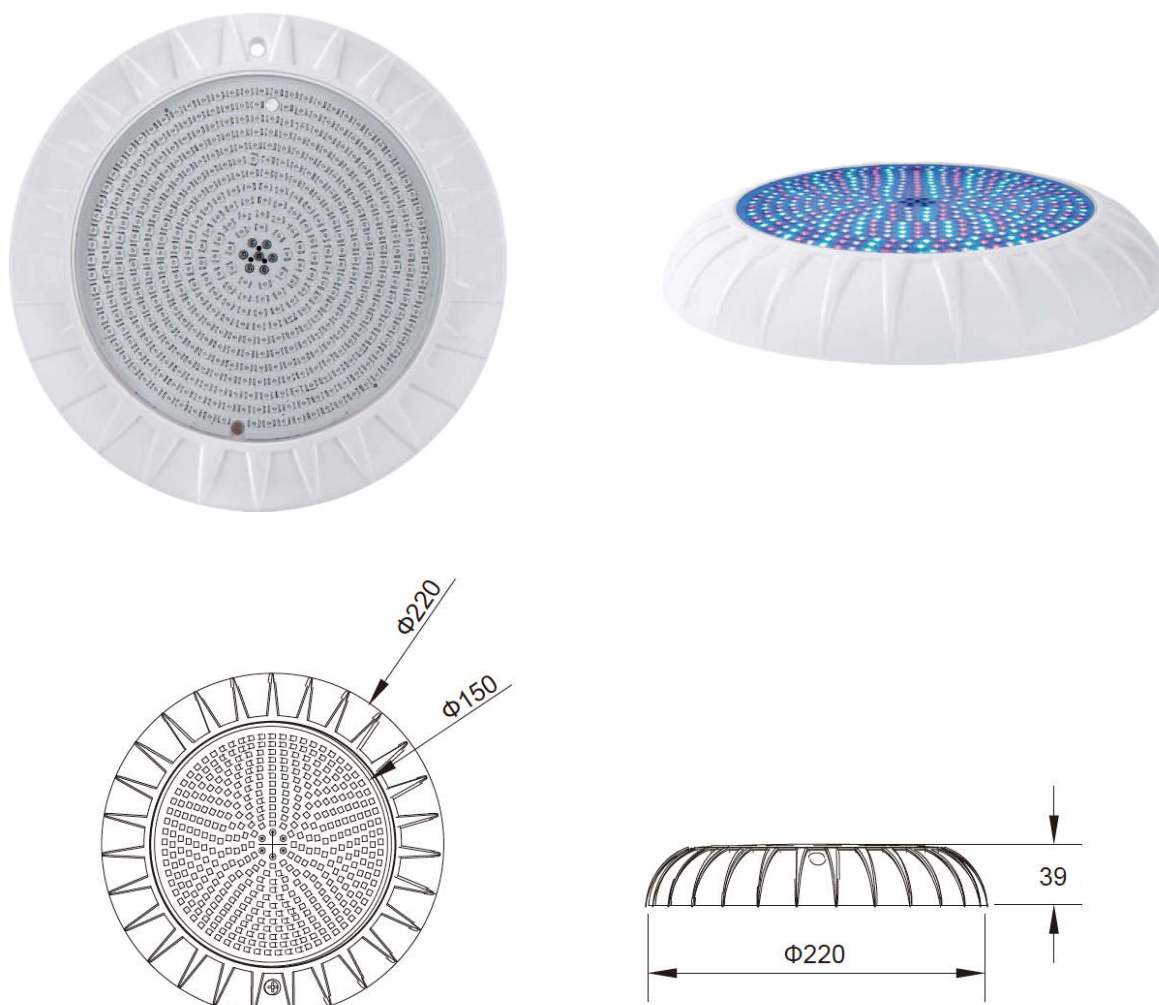
Features

- » LED Panel, Resin Filled.
- » Transparent PC Body with New Optical lens achieving higher luminance.
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-Lumen	Plastic light 252 LEDs (SMD)	20W/12V	1500	720	Concrete or Vinyl Pool
Hidro-Lumen	Plastic light 441 LEDs (SMD)	35W/12V	2625	1260	
Hidro-Lumen	Plastic light 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-PW200



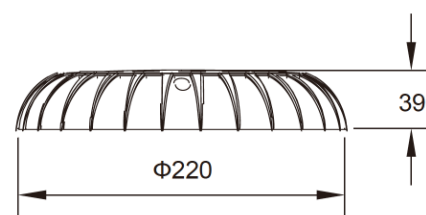
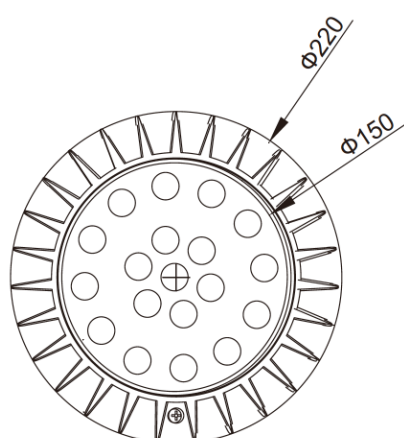
Features

- » LED Panel, Resin Filled.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-PW200	Plastic light 252 LEDs (SMD)	20W/12V	1500	720	Concrete Pool
Hidro-PW200	Plastic light 441 LEDs (SMD)	35W/12V	2625	1260	

Hidro-PW200H



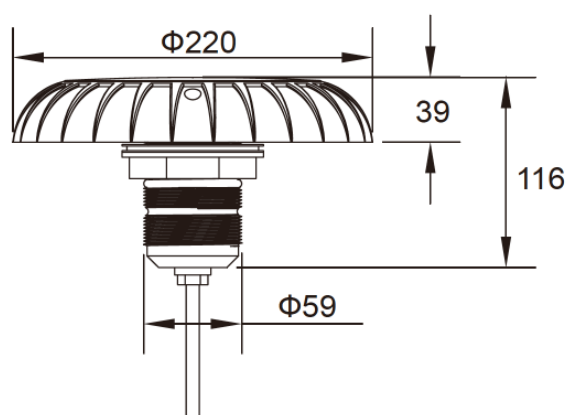
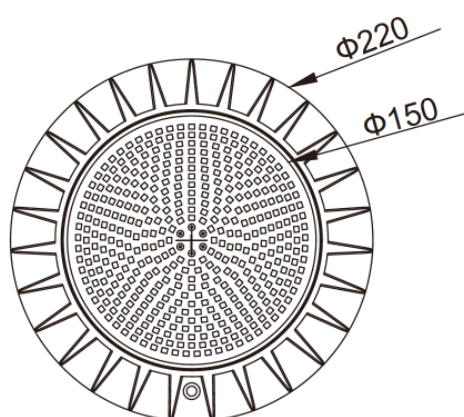
Features

- » New High Power LEDs.
- » LED Panel, Resin Filled.
- » Material ABS + UV resistant.
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-PW200H	Plastic light 12×1W High Power LED	12W/12V	900	432	
Hidro-PW200H	Plastic light 18×1W High Power LED	18W/12V	1350	648	Concrete Pool
Hidro-PW200H	Plastic light 18×3W High Power LED	40W/12V	3000	1440	

Hidro-PW200V



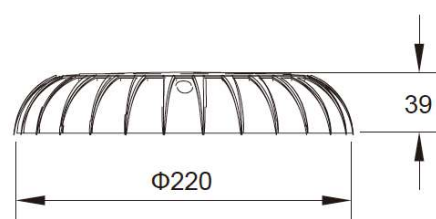
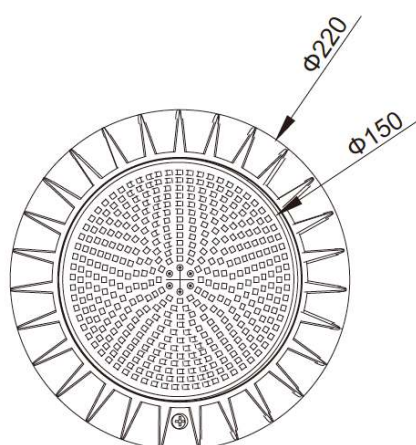
Features

- » LED Panel, Resin Filled.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design compatible with Fiberglass and Vinyl Pools.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-PW200V	Plastic light 252 LEDs (SMD)	20W/12V	1500	720	Fiberglass or Vinyl Pool
Hidro-PW200V	Plastic light 441 LEDs (SMD)	35W/12V	2625	1260	

Hidro-SW200



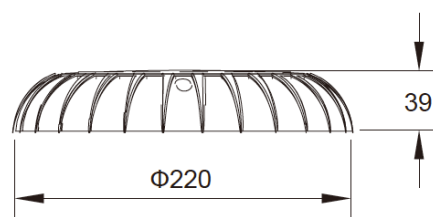
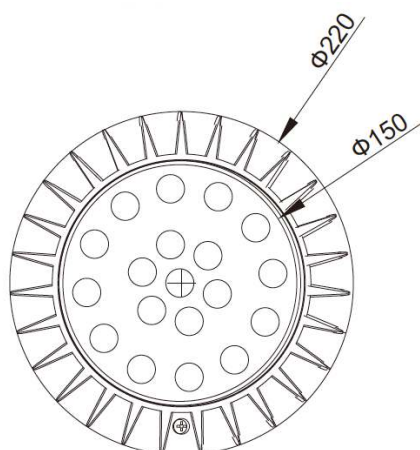
Features

- » LED Panel, Resin Filled.
- » Material: Electrolyzed Stainless Steel Light body (better anti-corrosion performance).
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design.
- » Optional: Stainless Steel Light Body AISI-316.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW200	Stainless steel light 252 LEDs (SMD)	20W/12V	1500	720	Concrete Pool
Hidro-SW200	Stainless steel light 441 LEDs (SMD)	35W/12V	2625	1260	

Hidro-SW200H



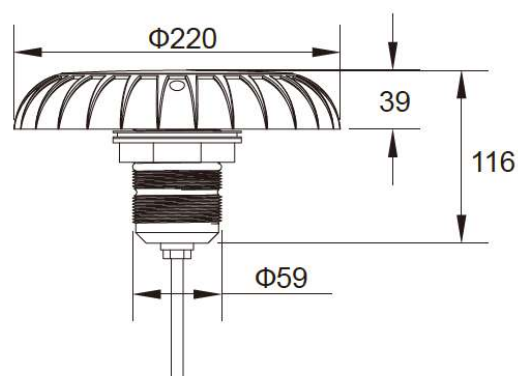
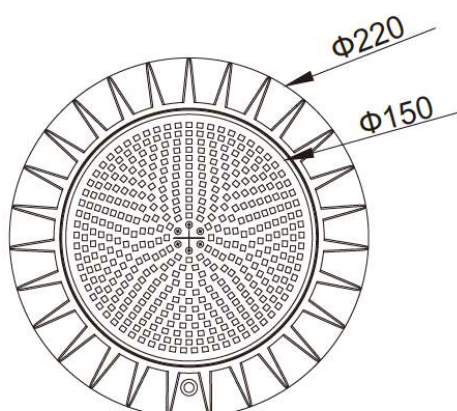
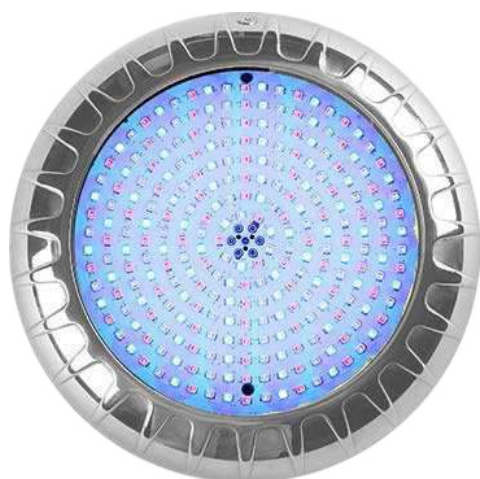
Features

- » LED Panel, resin filled with High Power LEDs.
- » Material: Electrolyzed Stainless Steel Light body (better anti-corrosion performance).
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design.
- » Optional: Stainless Steel Light Body AISI-316.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW200H	S/S light 12×1W High Power LED	12W/12V	900	432	Concrete Pool
Hidro-SW200H	S/S light 18×1W High Power LED	18W/12V	1350	648	
Hidro-SW200H	S/S light 18×3W High Power LED	40W/12V	3500	1440	

Hidro-SW200V



Features

- » LED Panel, Resin Filled.
- » Material: Electrolyzed Stainless Steel Light body (better anti-corrosion performance).
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design compatible with Fiberglass and Vinyl Pools.
- » Optional: Stainless Steel Light Body AISI-316.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW200V	S/S light 252 LEDs (SMD)	20W/12V	1500	720	Fiberglass or Vinyl Pool
Hidro-SW200V	S/S light 441 LEDs (SMD)	35W/12V	2625	1260	

Hidro-SW300



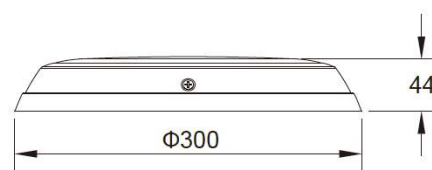
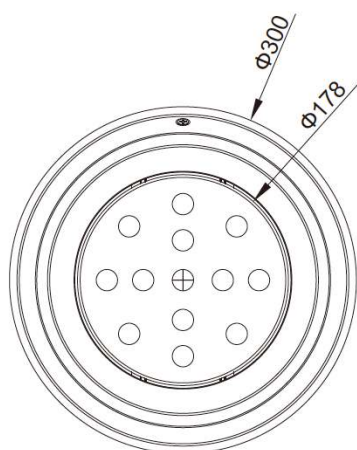
Features

- » LED Panel, resin filled with High Power LEDs.
- » Material: Electrolyzed Stainless Steel Light body (better anti-corrosion performance).
- » Cable: 2,5m. Optional lengths available.
- » New ultra flat design.
- » Optional: Stainless Steel Light Body AISI-316.
- » Optional Remote Control.
- » Trim ring color optional: White / Blue.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW300	Stainless Steel light 252 LEDs (SMD)	20W/12V	1500	720	
Hidro-SW300	Stainless Steel light 441 LEDs (SMD)	35W/12V	2625	1260	Concrete Pool
Hidro-SW300	Stainless Steel light 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-SW300H



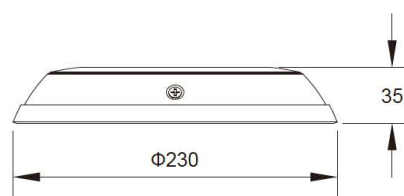
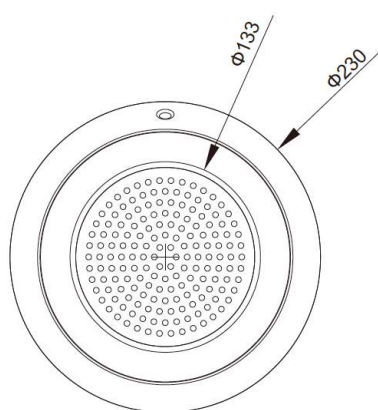
Features

- » LED Panel, resin filled with High Power LEDs.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Trim ring color optional: White / Blue.
- » Optional: Stainless Steel Light Body AISI-316.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW300H	S/S light 12×1W High Power LED	12W/12V	900	132	Concrete Pool
Hidro-SW300H	S/S light 18×1W High Power LED	18W/12V	1350	648	
Hidro-SW300H	S/S light 24×1W High Power LED	24W/12V	1800	864	
Hidro-SW300H	S/S light 18×3W High Power LED	40W/12V	3000	1440	

Hidro-SW230



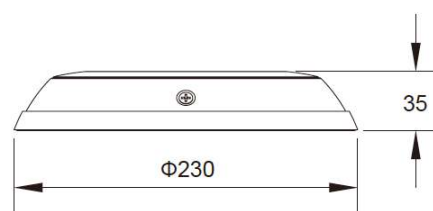
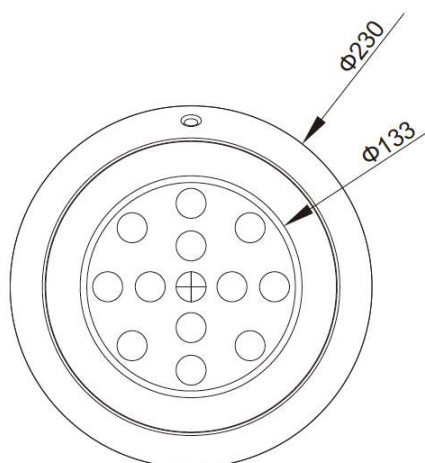
Features

- » LED Panel, Resin Filled.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Trim ring color optional: White / Blue.
- » Optional: Stainless Steel Light Body AISI-316.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW230	Stainless Steel light 96 LEDs (SMD)	8W/12V	600	288	Concrete Pool
Hidro-SW230	Stainless Steel light 96 LEDs (SMD)	10W/12V	750	360	
Hidro-SW230	Stainless Steel light 96 LEDs (SMD)	20W/12V	1500	720	

Hidro-SW230H



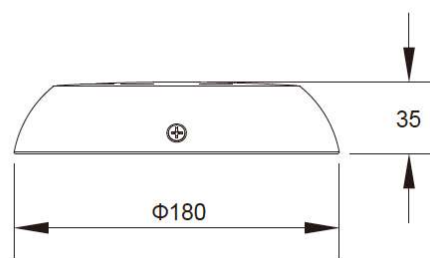
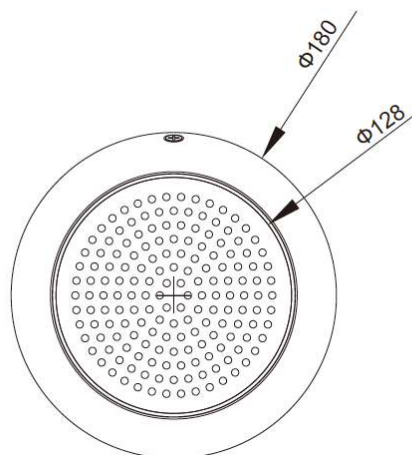
Features

- » LED Panel, resin filled with High Power LEDs.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Trim ring color optional: White / Blue.
- » Optional: Stainless Steel Light Body AISI-316.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SW230H	S/S light 6×1W High Power LED	6W/12V	450	216	Concrete Pool
Hidro-SW230H	S/S light 9×1W High Power LED	9W/12V	675	324	
Hidro-SW230H	S/S light 12×1W High Power LED	12W/12V	900	432	
Hidro-SW230H	S/S light 12×3W High Power LED	24W/12V	1800	864	

Hidro-Star



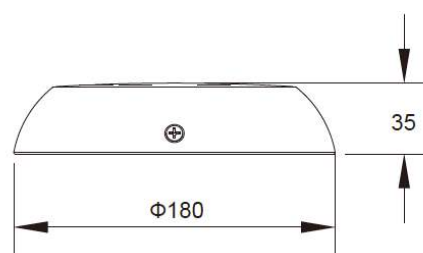
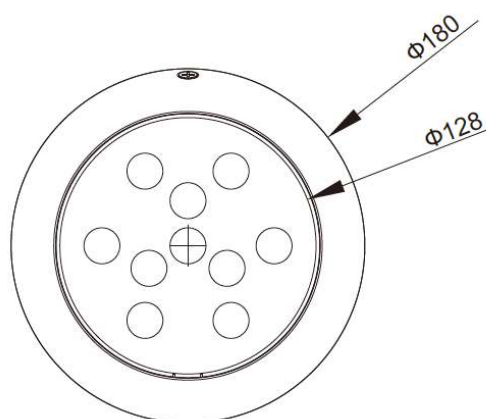
Features

- » LED Panel, Resin Filled.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Optional: Stainless Steel Light Body AISI-316.
- » Optional Remote Control.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-Star	Stainless Steel light 96 LEDs (SMD)	8W/12V	600	288	Concrete Pool
Hidro-Star	Stainless Steel light 144 LEDs (SMD)	10W/12V	750	360	
Hidro-Star	Stainless Steel light 252 LEDs (SMD)	20W/12V	1500	720	

Hidro-StarH



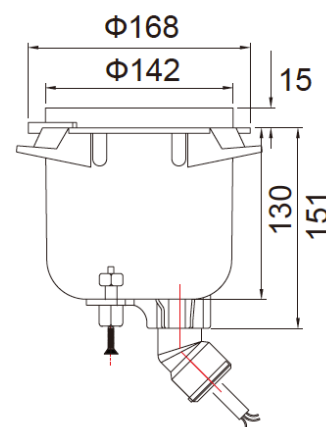
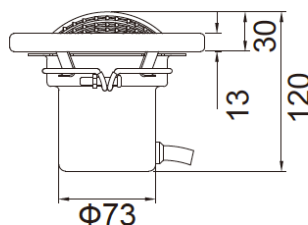
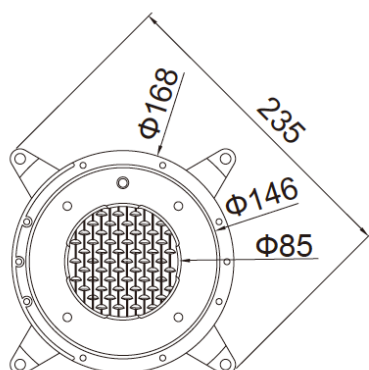
Features

- » LED Panel, resin filled with High Power LEDs.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Optional: Stainless Steel Light Body AISI-316.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-StarH	S/S light 6×1W High Power LED	6W/12V	450	216	Concrete Pool
Hidro-StarH	S/S light 9×1W High Power LED	9W/12V	675	324	
Hidro-StarH	S/S light 12×1W High Power LED	12W/12V	900	432	
Hidro-StarH	S/S light 9×3W High Power LED	18W/12V	1350	648	

Hidro-SN100



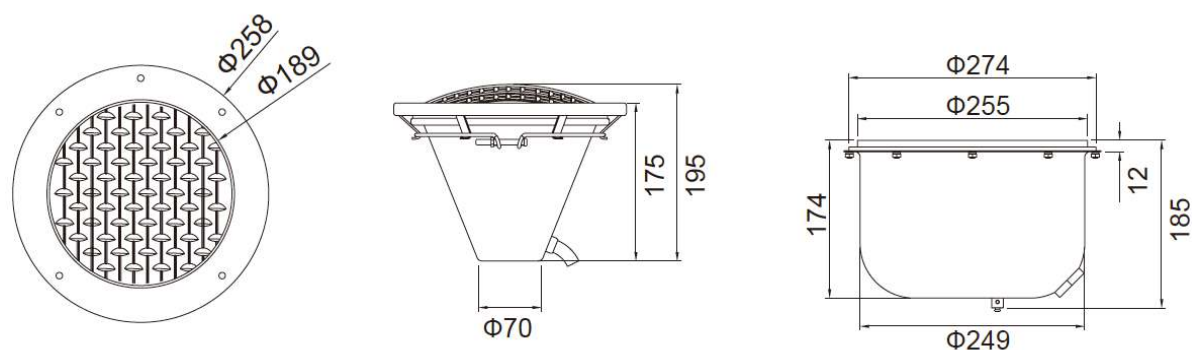
Features

- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Optional: Stainless Steel Light Body AISI-316.
- » Optional: Plastic or Stainless Steel niche.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SN100	Stainless Steel Light,90 LEDs (SMD)	8W/12V	600	288	Concrete Pool
Hidro-SN100(UL)	Stainless Steel Light halogen E27	50W/12V	580	-	

Hidro-SN300



Features

- » LED bulb SMD.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Optional: Stainless Steel Light Body AISI-316.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SN300	Stainless Steel light with niche 252 LEDs (SMD)	20W/12V	1500	720	
Hidro-SN300	Stainless Steel light with niche 441 LEDs (SMD)	35W/12V	2625	1260	Concrete Pool
Hidro-SN300	Stainless Steel light with niche 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-SN300H



Features

- » Equiped with High Power LED Lights.
- » Material: Stainless Steel Light body AISI-304.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Optional: Plastic or Stainless Steel niche.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SN300H	S/S light with niche 12×1W High Power LED	12W/12V	900	432	
Hidro-SN300H	S/S light with niche 18×1W High Power LED	18W/12V	1350	648	Concrete Pool
Hidro-SN300H	S/S light with niche 24×1W High Power LED	24W/12V	1800	864	

Hidro-NPN300



Features

- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Stainless Steel face ring available.
- » Par56 lamp format.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-NPN300(UL)	Plastic light with halogen light bulb	300W/12V	4000	/	Concrete Pool
Hidro-NPN300	Plastic light with niche 252 LEDs (SMD)	20W/12V	1500	720	Concrete Pool
Hidro-NPN300	Plastic light with niche 441 LEDs (SMD)	35W/12V	2625	1260	Concrete Pool
Hidro-NPN300	Plastic light with niche 546 LEDs (SMD)	50W/12V	3750	1800	Concrete Pool

Hidro-NPN300H



Features

- » Equipped with High Power LED Lights.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Stainless Steel face ring available.
- » Par56 lamp format.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-NPN300H	Plastic light with niche 12×1W High Power LED	12W/12V	900	432	Concrete Pool
Hidro-NPN300H	Plastic light with niche 18×1W High Power LED	18W/12V	1350	648	
Hidro-NPN300H	Plastic light with niche 24×1W High Power LED	24W/12V	1800	864	
Hidro-NPN300H	Plastic light with niche 18×3W High Power LED	40W/12V	3000	1400	

Hidro-NPN300V



Features

- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche for Vinyl Pool.
- » Stainless Steel face ring available.
- » Par56 lamp format.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-NPN300V(UL)	Plastic light with halogen light bulb	300W/12V	4000	/	Vinyl Pool
Hidro-NPN300V	Plastic light with niche 252 LEDs (SMD)	20W/12V	1500	720	
Hidro-NPN300V	Plastic light with niche 441 LEDs (SMD)	35W/12V	2625	1260	
Hidro-NPN300V	Plastic light with niche 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-NPN300VH



Features

- » Equipped with High Power LED Lights.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche for Vinyl Pool.
- » Stainless Steel face ring available.
- » Par56 lamp format.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-NPN300VH	Plastic light with niche 12×1W High Power LED	12W/12V	900	432	Vinyl Pool
Hidro-NPN300VH	Plastic light with niche 18×1W High Power LED	18W/12V	1350	648	
Hidro-NPN300VH	Plastic light with niche 24×1W High Power LED	24W/12V	1800	864	
Hidro-NPN300VH	Plastic light with niche 18×3W High Power LED	40W/12V	3000	1400	

Hidro-PN300



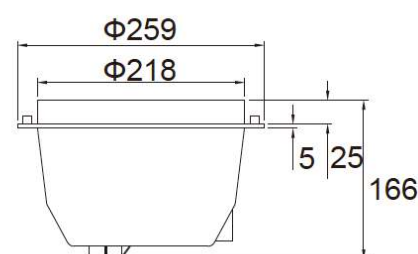
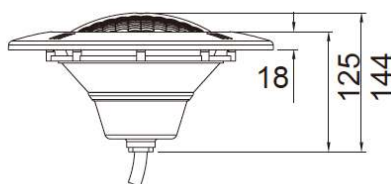
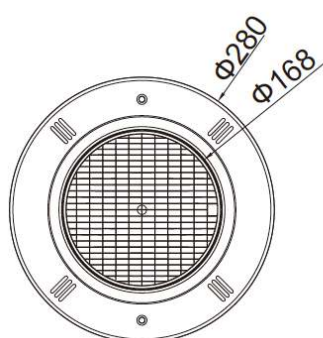
Features

- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Par56 lamp format.
- » Stainless Steel face ring available.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-PN300	Plastic light with niche 252 LEDs (SMD)	20W/12V	1500	720	Concrete Pool
Hidro-PN300	Plastic light with niche 441 LEDs (SMD)	35W/12V	2625	1260	
Hidro-PN300	Plastic light with niche 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-PN300H



Features

- » Equipped with High Power LED Lights.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.
- » Par56 lamp format.
- » Stainless Steel face ring available.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-PN300H	Plastic light with niche 12×1W High Power LED	12W/12V	900	432	Concrete Pool
Hidro-PN300H	Plastic light with niche 18×1W High Power LED	18W/12V	1350	648	
Hidro-PN300H	Plastic light with niche 24×1W High Power LED	24W/12V	1800	864	
Hidro-PN300H	Plastic light with niche 18×3W High Power LED	40W/12V	3000	1400	

Hidro-PN300V



Features

- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche for Vinyl Pool.
- » Stainless Steel face ring available.
- » Par56 lamp format.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-PN300V	Plastic light with niche 252 LEDs (SMD)	20W/12V	1500	720	Vinyl Pool
Hidro-PN300V	Plastic light with niche 441 LEDs (SMD)	35W/12V	2625	1260	
Hidro-PN300V	Plastic light with niche 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-PN300VH



Features

- » Equiped with High Power LED Lights.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche for Vinyl Pool.
- » Stainless Steel face ring available.
- » Par56 lamp format.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-PN300VH	Plastic light with niche 12×1W High Power LED	12W/12V	900	432	Vinyl Pool
Hidro-PN300VH	Plastic light with niche 18×1W High Power LED	18W/12V	1350	648	
Hidro-PN300VH	Plastic light with niche 24×1W High Power LED	24W/12V	1800	864	
Hidro-PN300VH	Plastic light with niche 18×3W High Power LED	40W/12V	3000	1400	

Hidro-SN200



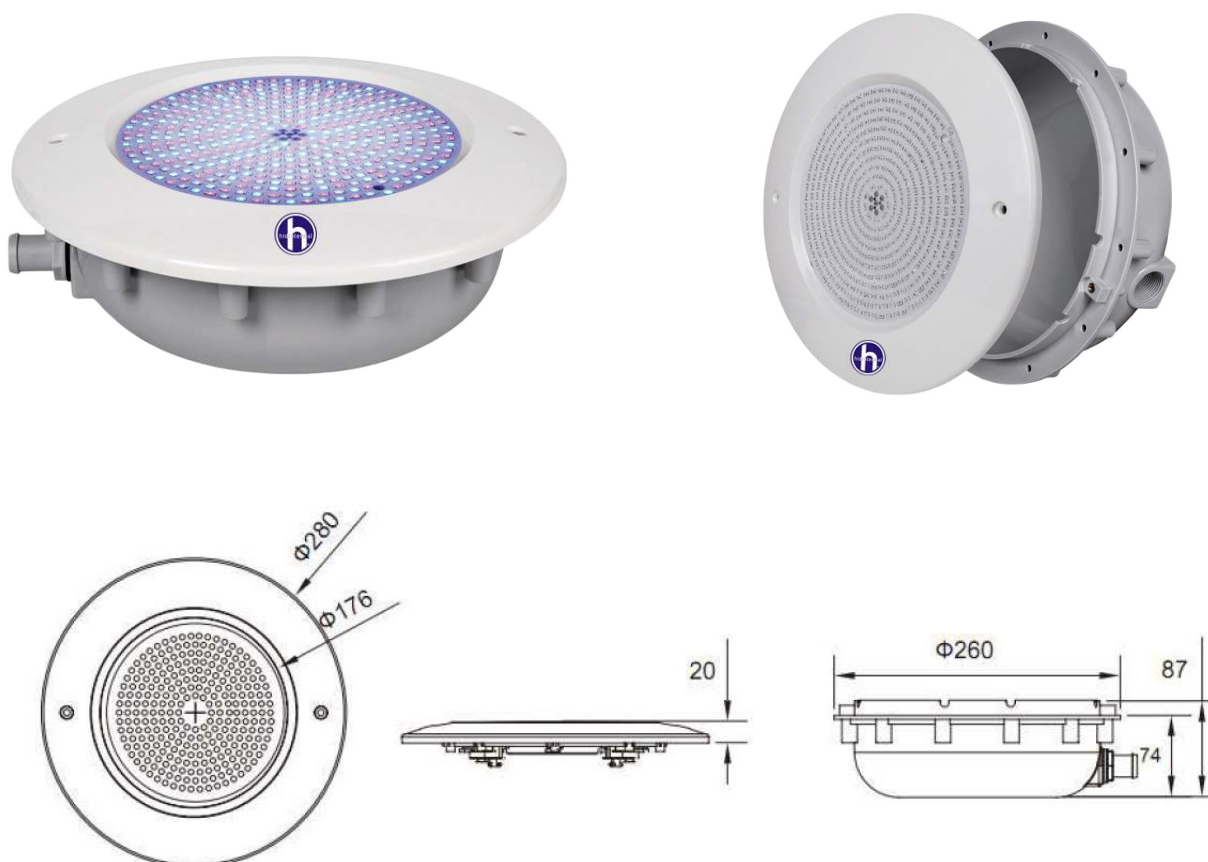
Features

- » LED Panel, Resin Filled.
- » Material: Electrolyzed stainless steel light ring (better anti-corrosion performance).
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-SN200	Stainless Steel light with niche 252 LEDs (SMD)	20W/12V	1500	720	
Hidro-SN200	Stainless Steel light with niche 441 LEDs (SMD)	35W/12V	2625	1260	Concrete Pool
Hidro-SN200	Stainless Steel light with niche 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-PN200



Features

- » LED Panel, Resin Filled.
- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Housing Type with niche.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-PN200	Plastic light with niche 252 LEDs (SMD)	20W/12V	1500	720	
Hidro-PN200	Plastic light with niche 441 LEDs (SMD)	35W/12V	2625	1260	Concrete Pool
Hidro-PN200	Plastic light with niche 546 LEDs (SMD)	50W/12V	3750	1800	

Hidro-SPA90



Features

- » Material: UV Resistant ABS.
- » Cable: 2,5m. Optional lengths available.
- » Installation for Fiberglass, Concrete or Vinyl Pools.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
Hidro-SPA90	Plastic SPA Light, 36 LEDs (SMD)	3W/12V	Cool/Warm White	RGB	Concrete & Vinyl Pool
			225	108	

Hidro-SPA105



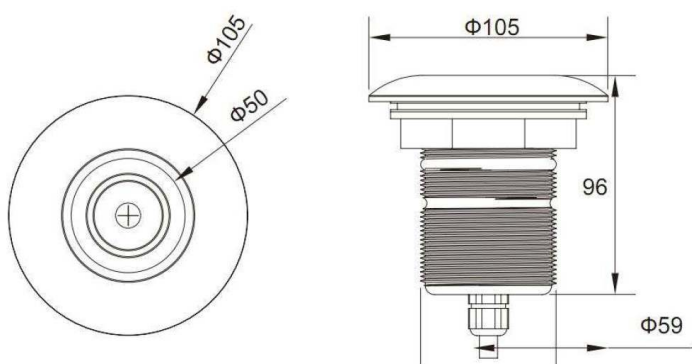
Features

- » Material: Stainless Steel light body & ABS fittings.
- » Cable: 2,5m. Optional lengths available.
- » Installation for Fiberglass, Concrete or Vinyl Pools.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SPA105	Stainless Steel SPA light, 36 LEDs (SMD)	3W/12V	225	108	Concrete & Vinyl Pool

Hidro-SPA105H



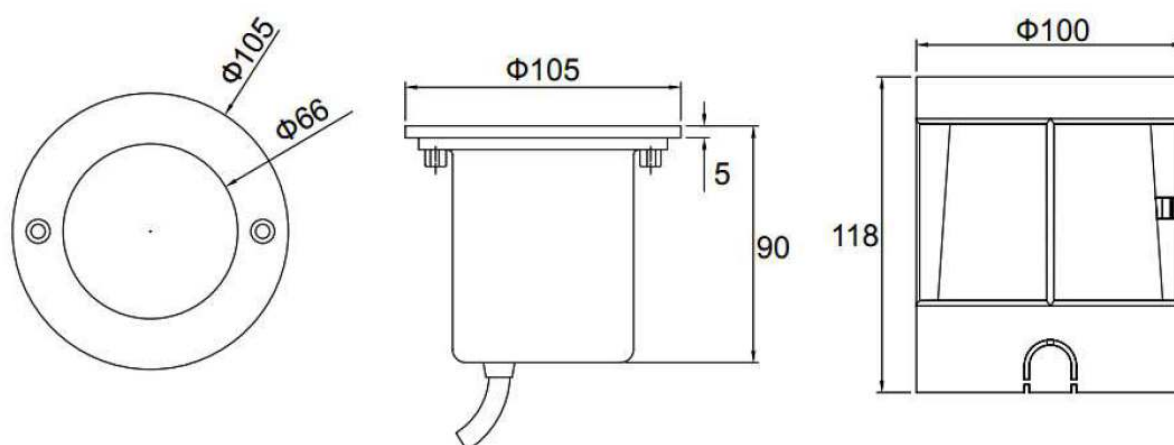
Features

- » High Power LED.
- » Material: Stainless Steel light body & ABS fittings.
- » Cable: 2,5m. Optional lengths available.
- » Installation for Fiberglass, Concrete or Vinyl Pools.

Technical Parameters

Model	Description	Power	Flux (LM) Cool/Warm White	Remarks
Hidro-SPA105H	Stainless Steel SPA light 1×10W High Power LED	10W/12V	750	Concrete or Vinyl Pool
Hidro-SPA105H	Stainless Steel SPA light 3×3W High Power LED	9W/12V	675	

Hidro-SPOT100



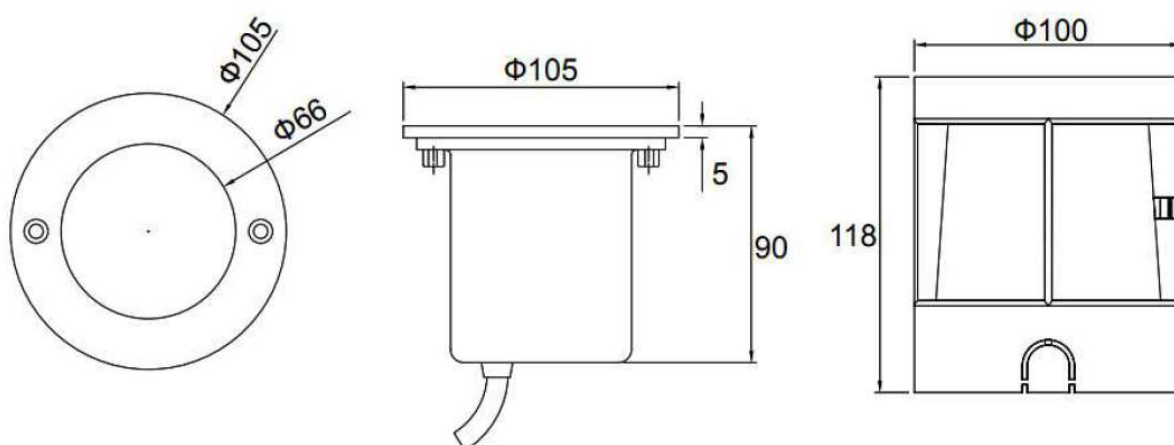
Features

- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools, Landscaping and Water Features.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-SPOT100	Stainless Steel SPA light with niche 36 LEDs (SMD)	3W/12V	225	108	Concrete Pool

Hidro-SPOT100H



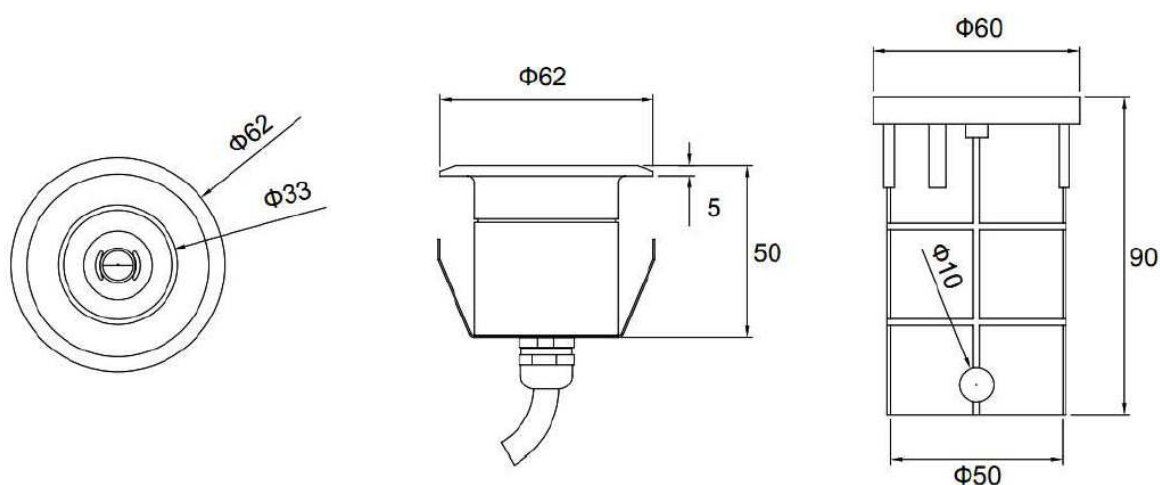
Features

- » High Power LED.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools, Landscaping and Water Features.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-SPOT100H	S/S SPA light with niche 3×1W High Power LED	3W/12V	225	108	Concrete Pool
Hidro-SPOT100H	S/S SPA light with niche 3×3W High Power LED	6W/12V	450	216	Concrete Pool

Hidro-SPOT60H



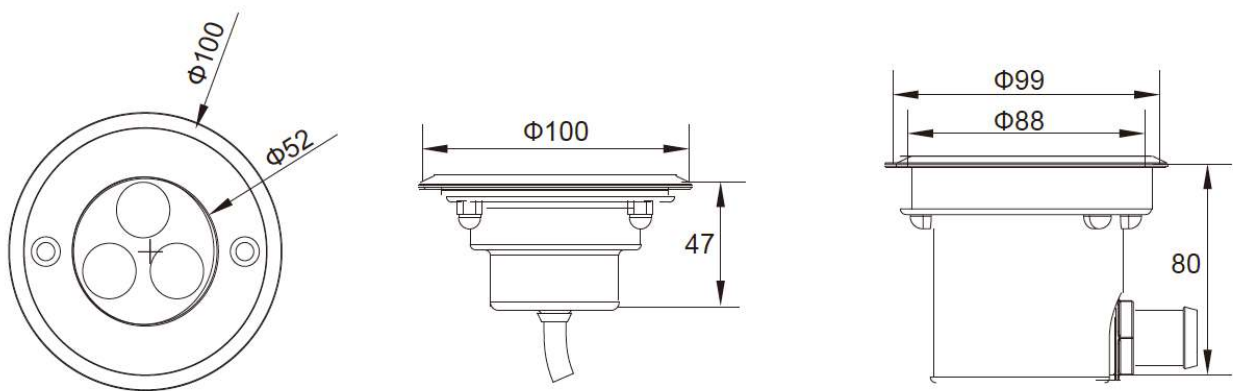
Features

- » High Power LED.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools, Landscaping and Water Features.

Technical Parameters

Model	Description	Power	Flux (LM) Cool/Warm White	Remarks
Hidro-SPOT60H	S/S SPA light with niche 1x1W High Power LED	1W/12V	75	Concrete Pool
Hidro-SPOT60H	S/S SPA light with niche 1x3W High Power LED	3W/12V	225	Concrete Pool

Hidro-SPA100



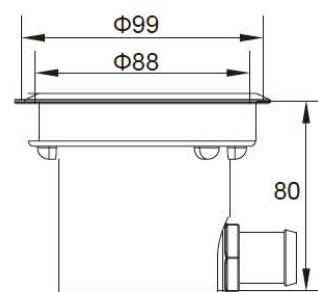
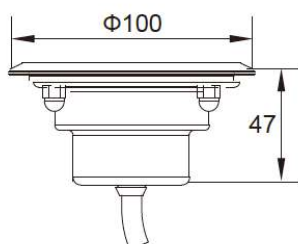
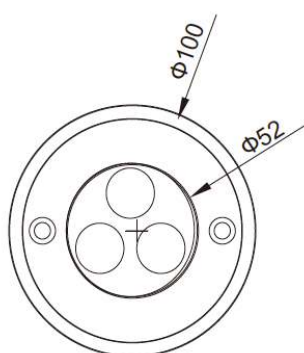
Features

- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools and Water Features.
- » Tempered Glass Lens.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
Hidro-SPA100	Stainless Steel SPA light, 60 LEDs (DIP5)	5W/12V	Cool/Warm White	RGB	Concrete Pool
			375	180	

Hidro-SPA100H



Features

- » High Power LED light.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools and Water Features.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-SPA100H	Stainless Steel SPA light 3×1W High Power LED	3W/12V	225	108	Concrete Pool
Hidro-SPA100H	Stainless Steel SPA light 3×3W High Power LED	9W/12V	450	216	Concrete Pool

Hidro-SPA150



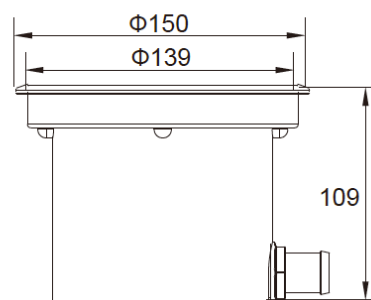
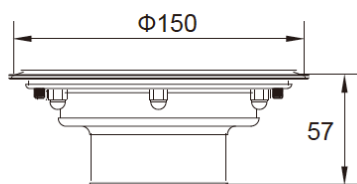
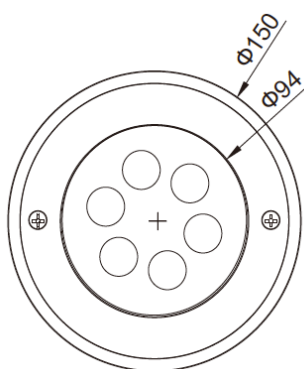
Features

- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools and Water Features.
- » Tempered Glass Lens.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM) Cool/Warm White RGB	Remarks
Hidro-SPA150	Stainless Steel SPA light, 90 LEDs (DIP5)	6W/12V	450 216	Concrete Pool

Hidro-SPA150H



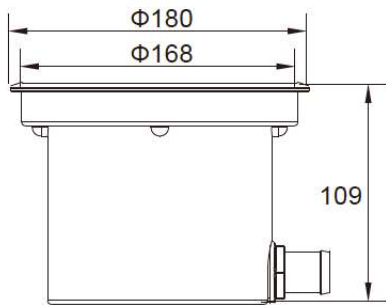
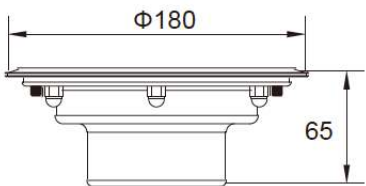
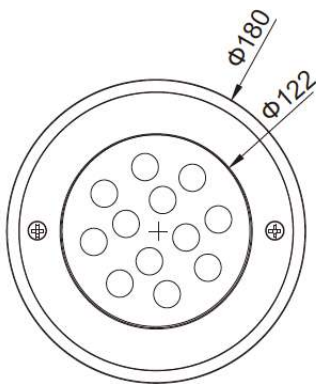
Features

- » High Power LED light.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools and Water Features.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-SPA150H	Stainless Steel SPA light 6×1W High Power LED	6W/12V	450	216	Concrete Pool
Hidro-SPA150H	Stainless Steel SPA light 9×1W High Power LED	9W/12V	675	324	
Hidro-SPA150H	Stainless Steel SPA light 12×1W High Power LED	12W/12V	900	432	
Hidro-SPA150H	Stainless Steel SPA light 12×1.5W High Power LED	18W/12V	1350	648	

Hidro-SPA180



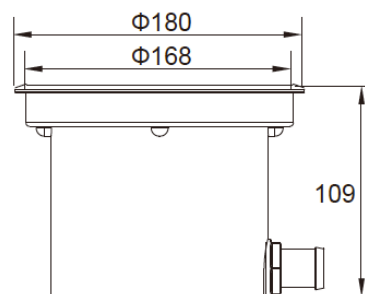
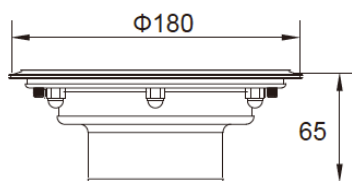
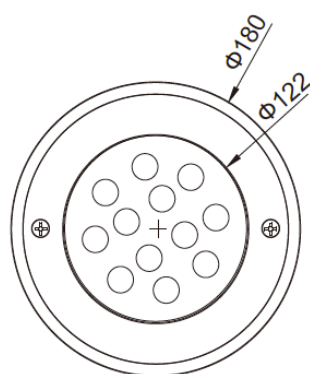
Features

- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools and Water Features.
- » Tempered Glass Lens.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			Cool/Warm White	RGB	
Hidro-SPA180	Stainless Steel SPA light, 198LEDs (DIP5)	15W/12V	1125	540	Concrete Pool

Hidro-SPA180H



Features

- » High Power LED light.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 1,5m. Optional lengths available.
- » Installation: Concrete Pools and Water Features.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)		Remarks
			C/W White	RGB	
Hidro-SPA180H	Stainless Steel SPA light 12×1W High Power LED	12W/12V	900	432	
Hidro-SPA180H	Stainless Steel SPA light 15×1W High Power LED	15W/12V	1125	540	Concrete Pool
Hidro-SPA180H	Stainless Steel SPA light 18×1W High Power LED	18W/12V	1350	648	

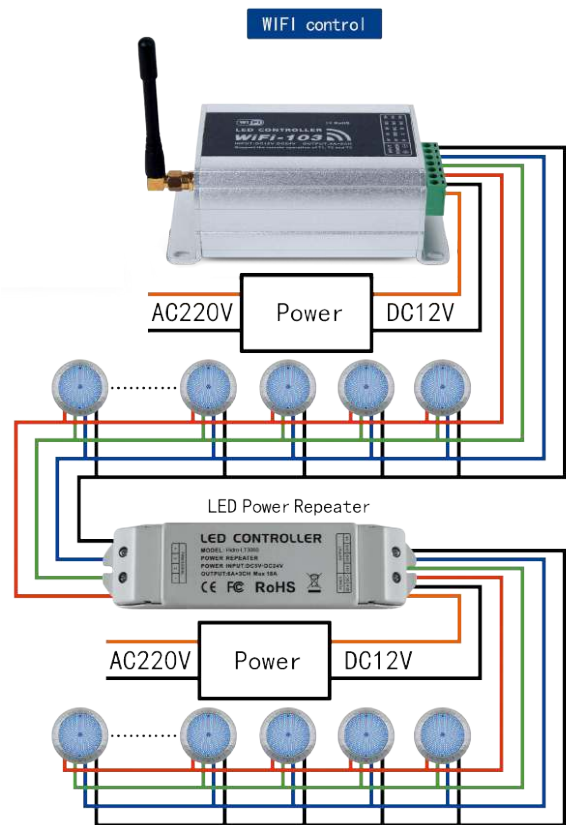
UNDERWATER LIGHTS CONTROLS-OPTIONAL

Lighting

Hidro-CTRL, WIFI-103, Hidro-Sync, Hidro-LT3060

WIFI-103

Our WI-FI-103 system allows you to totally synchronize the colour program for your swimming pool lights. You can also include your water feature or garden lights inside the same installation. The mobile phone APP is available for download through the Apple Store or Google Store.



Hidro-Sync

Hidro-Sync system allows you to synchronize and control the colour program remotely.



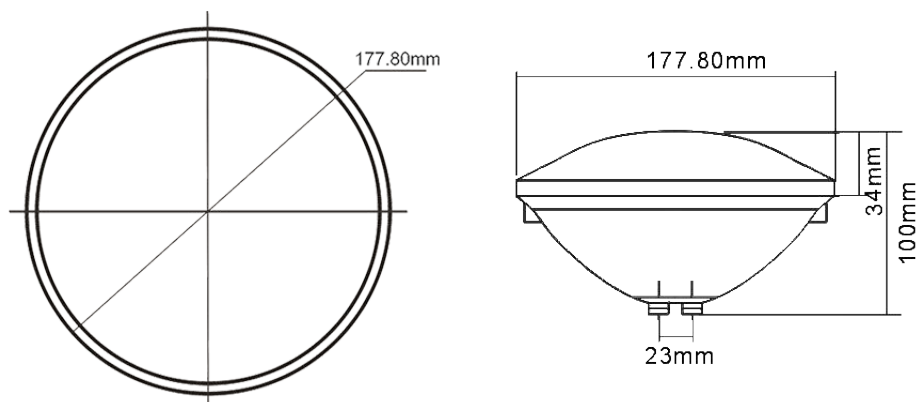
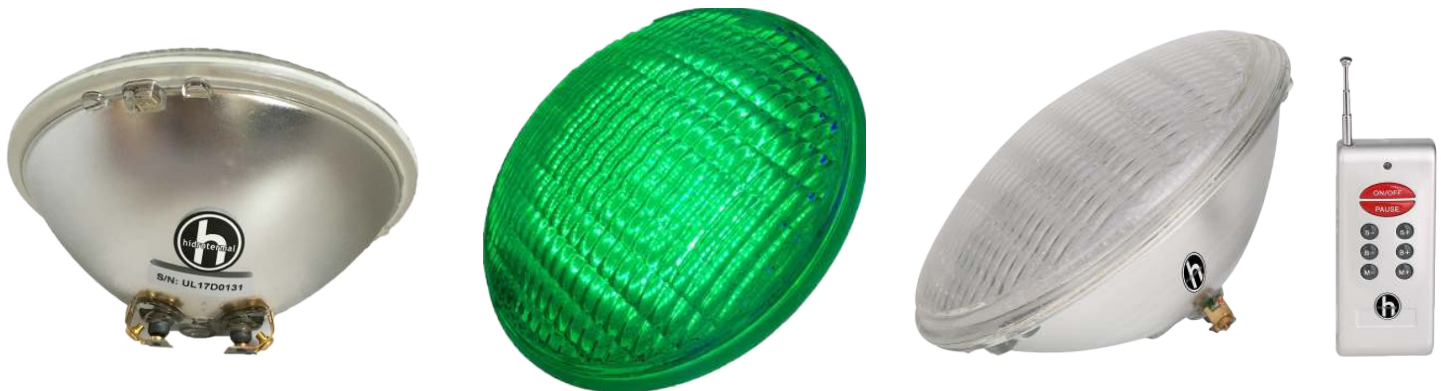
Hidro-CTRL



Technical Parameters

Model	Description	Power
Hidro-CTRL	Optional External Remote Control	/
WIFI-103	Wi-Fi Remote Control System	12V/144W
Hidro-Sync	External Remote Control with Total Synchronization System	12V/216W
Hidro-LT3060	External Power Repeater	/

Glass Par56 Bulb

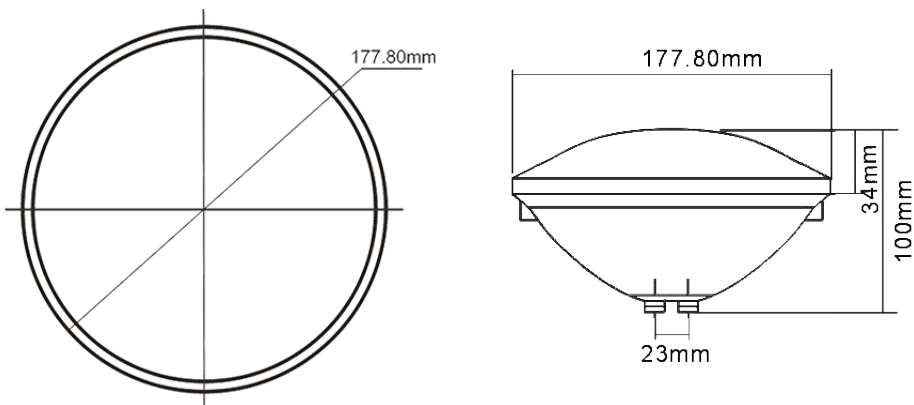


Hidrotermal offers a wide range of Par56 glass made bulbs suitable for any situation or requirement.

Technical Parameters

Model	Description	Power	Type
PAR56 300W	Halogen Glass Par56 Light Bulb	300W/12V	Warm White
Par56 16W Cool White	Glass Par56 LED Bulb 252LEDs	16W/12V	Cool White
Par56 24W Cool White	Glass Par56 LED Bulb 315LEDs	24W/12V	Cool White
Par56 30W Cool White	Glass Par56 LED Bulb 351LEDs	30W/12V	Cool White
Par56 36W Cool White	Glass Par56 LED Bulb 510LEDs	36W/12V	Cool White
Par56 39W Cool White	Glass Par56 LED Bulb 546LEDs	39W/12V	Cool White
Par56-16W RGB w/Remote	Glass Par56 LED Bulb 252LEDs	16W/12V	RGB w/Remote
Par56-24W RGB w/Remote	Glass Par56 LED Bulb 315LEDs	24W/12V	RGB w/Remote
Par56-30W RGB w/Remote	Glass Par56 LED Bulb 351LEDs	30W/12V	RGB w/Remote
Par56-36W RGB w/Remote	Glass Par56 LED Bulb 510LEDs	36W/12V	RGB w/Remote
Par56-39W RGB w/Remote	Glass Par56 LED Bulb 546LEDs	39W/12V	RGB w/Remote

Plastic PAR56 LED Bulb

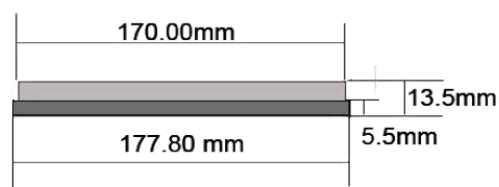
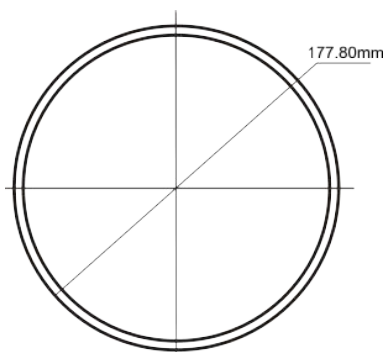
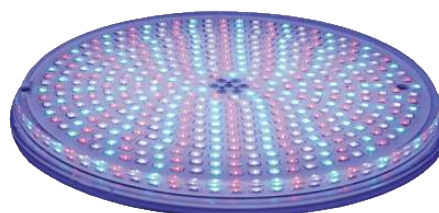
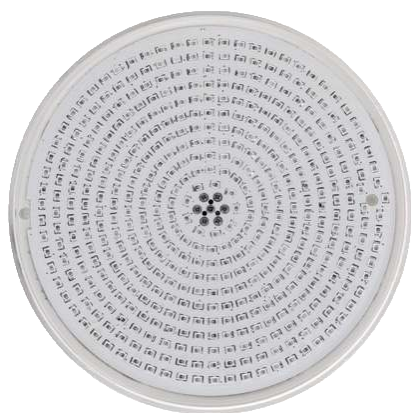


Hidrotermal offers a wide range of Par56 plastic made bulbs suitable for any situation or requirement.

Technical Parameters

Model	Description	Power	Type
Par56-20W Cool White	Plastic Par56 LED Bulb 252LEDs	20W/12V	Cool White
Par56-20W RGB	Plastic Par56 LED Bulb 252LEDs	20W/12V	RGB
Par56-20W RGB w/Remote	Plastic Par56 LED Bulb 252LEDs	20W/12V	RGB w/Remote
Par56-25W Cool White	Plastic Par56 LED Bulb 351LEDs	25W/12V	Cool White
Par56-25W RGB	Plastic Par56 LED Bulb 351LEDs	25W/12V	RGB
Par56-25W RGB w/Remote	Plastic Par56 LED Bulb 351LEDs	25W/12V	RGB w/Remote

Ultra Thin Panel



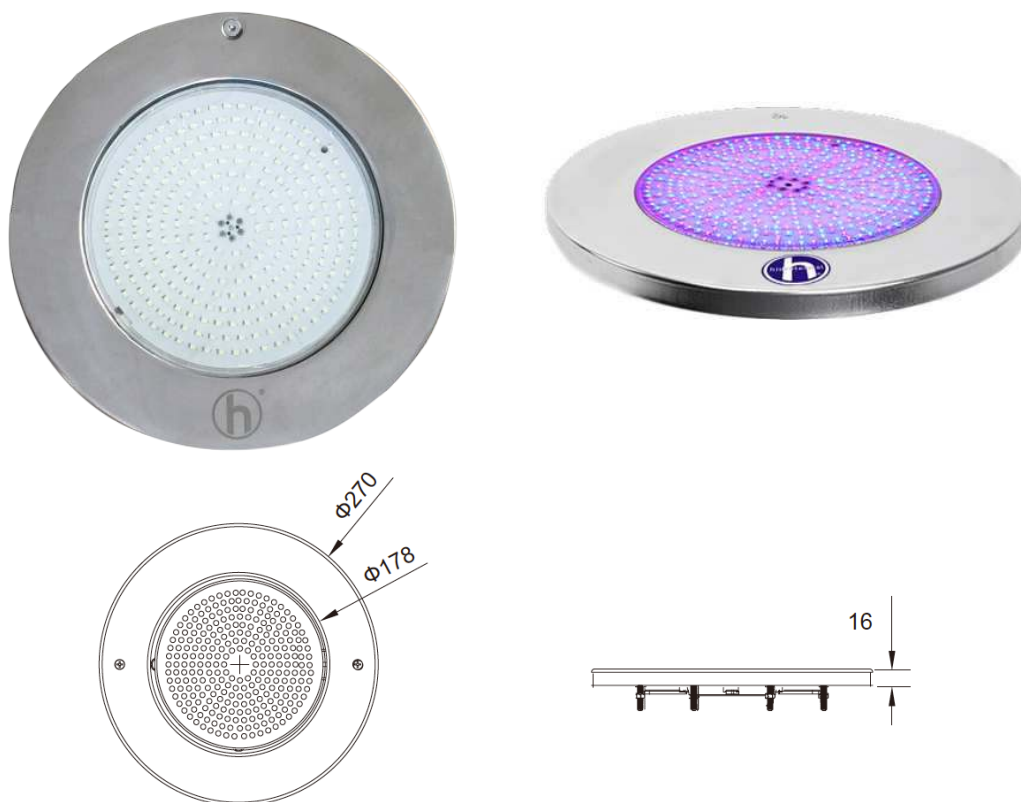
Features

- » The latest technology on the market. The most convenient & efficient solution when replacing high energy use, short life halogen Par56 bulbs.
- » LED Panel, Resin Filled. (100% water proofing).
- » Compatible with most international Par56 light niche.

Technical Parameters

Model	Description	Power	Type	Remarks
UT252WHT	Ultra Thin Panel 252LEDs (SMD)	20W/12V	Cool White	2,5m cable
UT252RGB	Ultra Thin Panel 252LEDs (SMD)	20W/12V	RGB	
UT441WHT	Ultra Thin Panel 441LEDs (SMD)	35W/12V	Cool White	
UT441RGB	Ultra Thin Panel 441LEDs (SMD)	35W/12V	RGB	
UT546WHT	Ultra Thin Panel 546LEDs (SMD)	50W/12V	Cool White	
UT546RGB	Ultra Thin Panel 546LEDs (SMD)	50W/12V	RGB	

Stainless Steel Ring with Ultra Thin Panel



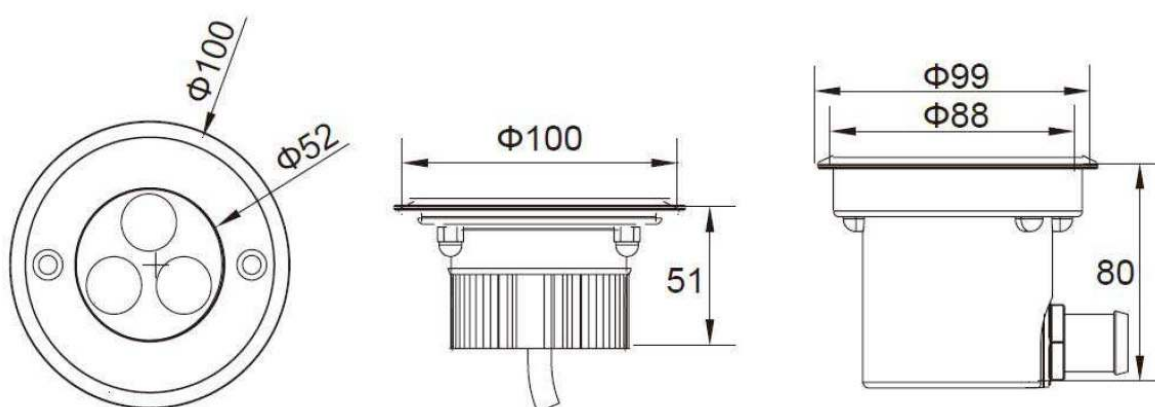
Features

- » The latest technology on the market. The most convenient & efficient solution when replacing high energy use, short life halogen Par56 bulbs.
- » LED Panel, Resin Filled. (100% water proofing).
- » Compatible with most international Par56 light niche.
- » Simple Installation; New light & cover can be installed into existing old niche (from any other international brand) inside the concrete wall. With one screw connection our Stainless Steel cover ring & LED optical with Ultra-Thin Panel can be fitted.

Technical Parameters

Model	Description	Power	Type	Remarks
UT252WHT-S	S/S 304 frame with Ultra Thin Panel 252LEDs (SMD)	20W/12V	Cool White	2,5m cable
UT252RGB-S	S/S 304 frame with Ultra Thin Panel 252LEDs (SMD)	20W/12V	RGB	2,5m cable
UT441WHT-S	S/S 304 frame with Ultra Thin Panel 441LEDs (SMD)	35W/12V	Cool White	2,5m cable
UT441RGB-S	S/S 304 frame with Ultra Thin Panel 441LEDs (SMD)	35W/12V	RGB	2,5m cable
UT546WHT-S	S/S 304 frame with Ultra Thin Panel 546LEDs (SMD)	50W/12V	Cool White	2,5m cable
UT546RGB-S	S/S 304 frame with Ultra Thin Panel 546LEDs (SMD)	50W/12V	RGB	2,5m cable

Hidro-G100H



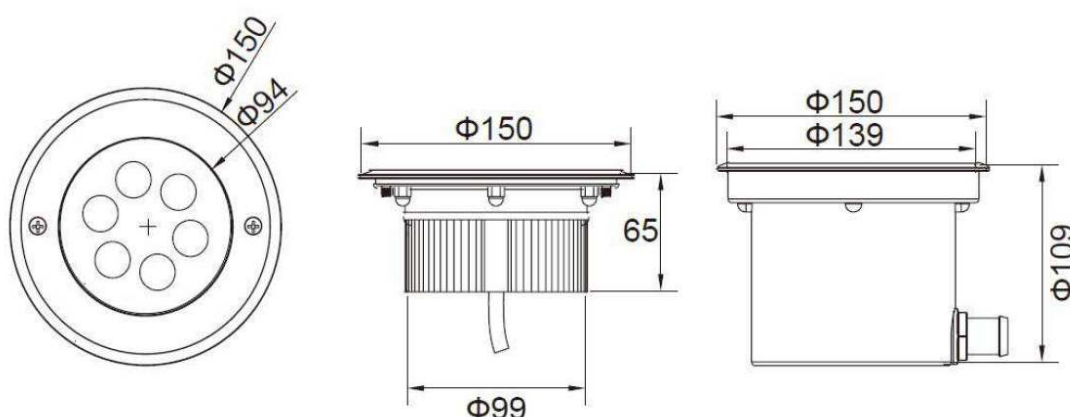
Features

- » High Power LED light.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Water Features and Landscaping.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)	
			C/W White	RGB
Hidro-G100H	Stainless Steel In-Groud Light 3×1W High Power LED	3W/12V	225	108
Hidro-G100H	Stainless Steel In-Groud Light 3×3W High Power LED	9W/12V	675	324

Hidro-G150H



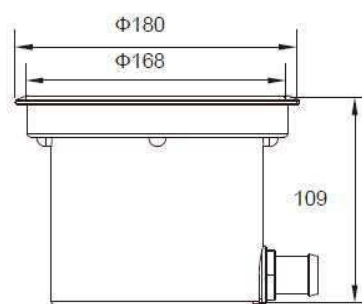
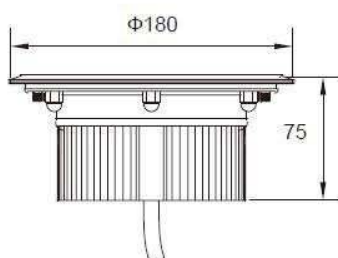
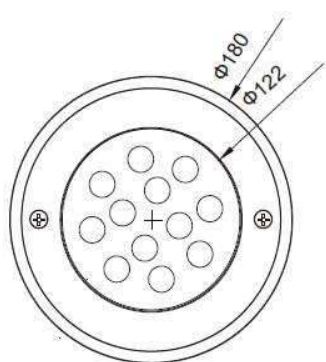
Features

- » High Power LED light.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Water Features and Landscaping.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)	
			C/W White	RGB
Hidro-G150H	Stainless Steel In-Groud Light 6×1W High Power LED	6W/12V	450	216
Hidro-G150H	Stainless Steel In-Groud Light 9×1W High Power LED	9W/12V	675	324
Hidro-G150H	Stainless Steel In-Groud Light 12×1W High Power LED	12W/12V	900	432
Hidro-G150H	Stainless Steel In-Groud Light 12×1.5W High Power LED	18W/12V	1350	648

Hidro-G180H



Features

- » High Power LED light.
- » Material: Stainless Steel light with plastic niche.
- » Cable: 2,5m. Optional lengths available.
- » Installation: Water Features and Landscaping.
- » Stainless Steel AISI-316 optional.

Technical Parameters

Model	Description	Power	Flux (LM)	
			C/W White	RGB
Hidro-G180H	Stainless Steel In-Groud Light 12×1W High Power LED	12W/12V	900	432
Hidro-G180H	Stainless Steel In-Groud Light 15×1W High Power LED	15W/12V	1125	540
Hidro-G180H	Stainless Steel In-Groud Light 18×1W High Power LED	18W/12V	1350	648
Hidro-G180H	Stainless Steel In-Groud Light 18×1.5W High Power LED	25W/12V	1875	900

Hidro-GB80H

Hidro-GB120H



Features

- » High Power LED light.
- » Material: Stainless Steel light with base.
- » Orientable Light beam.
- » Cable: 2,5m. Optional lengths available.
- » Connection: 12V/DC or 24V/DC.

Technical Parameters

Model	Description	Flux (LM)					
		RGB	R	G	B	Cool White	Warm White
Hidro-GB80H	Stainless Steel Fountain Light, 3×1W/12V High Power LEDs	50/70/30	150	210	90	300	270
Hidro-GB120H	Stainless Steel Fountain Light, 6×1W/12V High Power LEDs	100/140/60	300	420	180	600	540

Hidro-GB140H



Hidro-GB160H



Features

- » High Power LED light.
- » Material: Stainless Steel light with base.
- » Allows user to simply change the light beam direction, angle.
- » Cable: 2,5m. Optional lengths available.
- » Connection: 12V/DC or 24V/DC.

Technical Parameters

Model	Description	Flux (LM)					
		RGB	R	G	B	Cool White	Warm White
Hidro-GB140H	Stainless Steel Fountain Light, 9×1W/12V High Power LEDs	150/210/90	450	630	270	900	810
Hidro-GB160H	Stainless Steel Fountain Light, 12×1W/12V High Power LEDs	200/280/120	600	840	360	1200	1080

H-GB190H H-GB210H H-GB230H



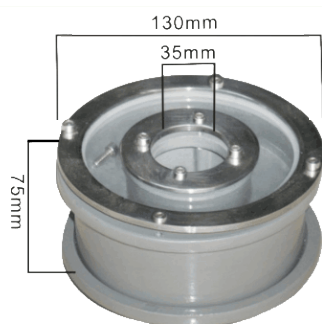
Features

- » High Power LED light.
- » Material: Stainless Steel light with base.
- » Allows user to simply change the light beam direction, angle.
- » Cable: 2,5m. Optional lengths available.
- » Connection: 12V/DC or 24V/DC.

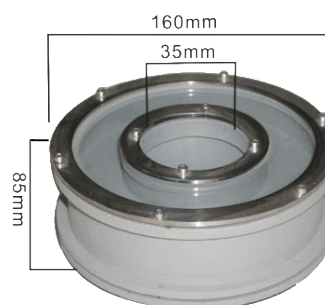
Technical Parameters

Model	Description	Flux (LM)					
		RGB	R	G	B	Cool White	Warm White
Hidro-GB190H	S/S Fountain Light, 18×1W/12V High Power LEDs	300/420/180	900	1260	540	1800	1620
Hidro-GB210H	S/S Fountain Light, 24×1W/12V High Power LEDs	400/560/240	1200	1680	720	2400	2160
Hidro-GB230H	S/S Fountain Light, 36×1W/12V High Power LEDs	600/840/360	1800	2520	1080	3600	3240

Hidro-F130H



Hidro-F160H



Features

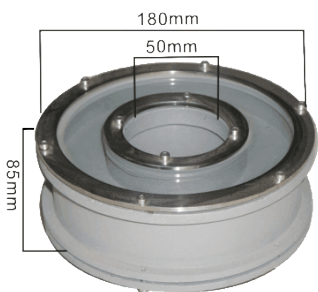
- » High Power LED light.
- » Material: Stainless Steel light.
- » Cable: 2,5m. Optional lengths available.
- » Connection: 12V/DC or 24V/DC.

Technical Parameters

Model	Description	Flux (LM)						Hole Diameter
		RGB	R	G	B	Cool White	Warm White	
Hidro-F130H	S/S Fountain Light, 6×1W/12V High Power LEDs	100/140/80	300	420	180	600	540	35mm
Hidro-F160H	S/S Fountain Light, 9×1W/12V High Power LEDs	150/210/90	450	630	270	900	810	35mm

Hidro-F180H

Hidro-F200H



Features

- » High Power LED light.
- » Material: Stainless Steel light.
- » Cable: 2,5m. Optional lengths available.
- » Connection: 12V/DC or 24V/DC.

Technical Parameters

Model	Description	Flux (LM)						Hole Diameter
		RGB	R	G	B	Cool White	Warm White	
Hidro-F180H	S/S Fountain Light, 12×1W/12V High Power LEDs	200/280/120	600	840	360	1200	1080	50mm
Hidro-F200H	S/S Fountain Light, 18×1W/12V High Power LEDs	300/420/180	900	1260	540	1800	1620	60mm

Hidro-F



Features

- » Specially designed external control system for Fountain Light GB and F Series.
- » Optional Voltage: DC5V, 12V-24V.
- » Output: 3 channels.
- » Transmission/receiving frequency: 433MHz.
- » External dimension: L108 X W76 X H43 mm.
- » Static power consumption: <1 W.
- » Remote Control Included.
- » Optional Output power: 5V:60W, 12V:144W, 24V:288W.

Technical Parameters

Model	Description	Power
Hidro-F	Wireless Light Control System for Fountain lights	144W/12V

Square Transformer



Features

- » Hidrotermal transformers are manufactured under CE and IP68 standards, performing at an outstanding 94% efficiency.
- » Optional International Plugs types.
- » Available: 110V or 220V - 50Hz or 60Hz.
- » Suitable LED drivers are available on demand for all DC Lighting setups.

Technical Parameters

Model	Description	Power	Remarks
Hidro-TRA10W	Square Transformer Input 220-230V/50 or 60Hz	10W/12V	IP68 (Waterproof)
Hidro-TRA15W	Square Transformer Input 220-230V/50 or 60Hz	15W/12V	
Hidro-TRA20W	Square Transformer Input 220-230V/50 or 60Hz	20W/12V	
Hidro-TRA30W	Square Transformer Input 220-230V/50 or 60Hz	30W/12V	
Hidro-TRA40W	Square Transformer Input 220-230V/50 or 60Hz	40W/12V	
Hidro-TRA60W	Square Transformer Input 220-230V/50 or 60Hz	60W/12V	

Professional Transformer



Round Transformer



Square Transformer

Features

- » Hidrothermal transformers are manufactured under CE and IP68 standards, performing at an outstanding 94% efficiency.
- » Optional International Plugs types.
- » Available: 110V or 220V - 50Hz or 60Hz.
- » Suitable LED drivers are available on demand for all DC Lighting setups.

Technical Parameters

Model	Description	Power	Remarks
Hidro-TRA105W	Round Transformer Input 230V/50Hz	105W/12V	IP68 (Waterproof)
Hidro-TRA160W	Round Transformer Input 230V/50Hz	160W/12V	
Hidro-TRA200W	Round Transformer Input 230V/50Hz	200W/12V	
Hidro-TRA260W	Round Transformer Input 230V/50Hz	260W/12V	
Hidro-TRA300W	Round Transformer Input 230V/50Hz	300W/12V	
Hidro-TRA360W	Round Transformer Input 230V/50Hz	360W/12V	
Hidro-TRA400W	Round Transformer Input 230V/50Hz	400W/12V	
Hidro-TRA500W	Round Transformer Input 230V/50Hz	500W/12V	
Hidro-TRA600W	Round Transformer Input 230V/50Hz	600W/12V	
Hidro-TRA800W	Square Transformer Input 230V/50Hz	800W/12V	IP44 (Rain proof wall type)
Hidro-TRA1000W	Square Transformer Input 230V/50Hz	1000W/12V	