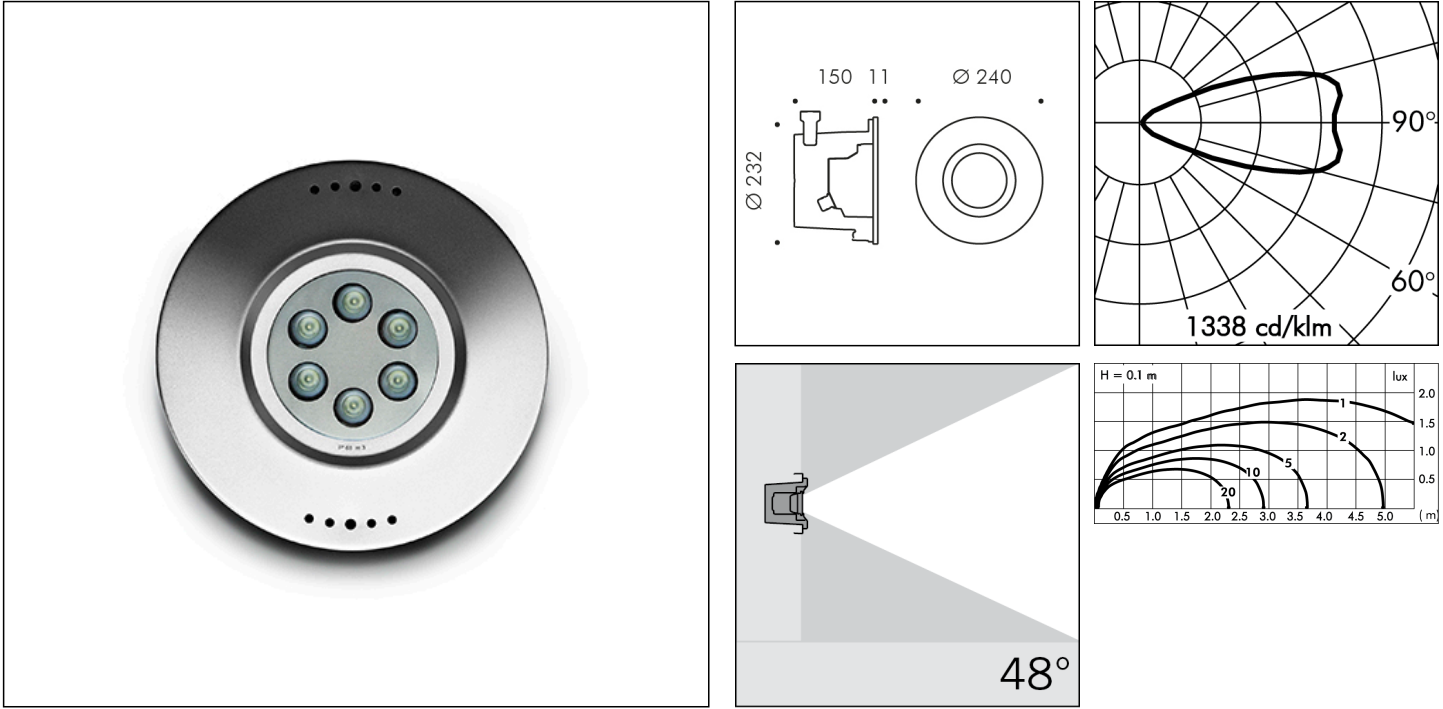
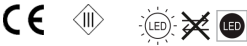


MINIPOOL



Item no longer in the catalogue.
New Item replacing S.3617C

S.3617
6 module LED 5700K 24Vdc DIMMABLE PWM
Recessed submersion



Light Source Technical Data

Light source type:	LED
Colour temperature:	5700K
Rated module luminous flux:	1372lm
Rated luminaire luminous flux:	1000lm
Rated module power:	8.7W
Rated luminaire power:	9.3W
Luminaire efficacy:	108lm/W
Color Rendering Index:	CRI 80

Power Supply Technical Data

Voltage (DC):	24Vdc
See the SIMES power supply accessories list on the following pages	
Dimmable:	PWM

Temperature and life time Technical Data

LED Lifetime:	L80 B10 70.000h Ta 25°C
	L80 B10 50.000h Ta 40°C
Lifespan of the LUMINAIRE:	min. 70.000h Ta 25°C
	min. 50.000h Ta 40°C
Performance ambient temperature:	Tq 25°C
Operating ambient temperature range:	da -20°C a +50°C
Storage temperature range:	da -20°C a +60°C

Technical Installation Data

Electrical insulation class:	III
Protection class IP:	IP68
Mechanical resistance:	IK10
Weight:	4.2525Kg
Power cable:	10m - H07RN8-F

MINIPOOL
S.3617**SPECS SHEET****LUMINAIRE TYPE**

Submersion luminaire. IP rating IP 68

MATERIAL CHARACTERISTICS

Talc-filled technopolymer housing. Marine grade stainless steel AISI 316L front trim 2 mm thick. A4 grade Stainless Steel screws with 2,5-3% molybdenum content which increases the resistance against corrosion. Toughened transparent glass 10mm thick MICROPOOL, 12mm thick MINIPOOL/POOL. Mechanical resistance IK 10 Silicone gaskets.

LIGHTING PERFORMANCE

The holes along the ring of the luminaire allow for water circulation and work as an effective cooling system: the water enters the lower holes, circulates inside the recessing box and, once it's heated, it flows out of the upper holes. Lamp fixed position. LOR --

RECESSING BOX

Recessing box in technopolymer with front ring in stainless steel AISI 316L with cable entry on all 4 sides also allows: 1) Easy wiring; 2) Easy access to the fitting for maintenance purposes.

WIRING

Single cable entry with M20 brass cable gland. Luminaire hard wired with 6 m. cable (2 x 1.5 mm²) cable type H07RN8-F for MICROPOOL and 10 m. cable (2 x 2,5mm²) cable type H07RN8-F for MINIPOOL and POOL closed by cable gland and sealed with B component epoxy resin, wired internally protected by silicon sheaths Corrugated plastic pipe 5m long for MICROPOOL and MINIPOOL, 9m long for POOL. MICROPOOL with cold white led works also with traditional systems 12V CA (proper to substitute existing lamps for swimming pool with magnetic transformer 230V/12V CA). Isolation: CLASS III. Available colours: Stainless steel (cod.19). Weight: 4.2525 Kg

LED module included

Not compatible with pools containing salt water and that are treated with salt water chlorination

Suitable for swimming pools in concrete and metal, recessed to the wall and on the bottom.

POOL REGISTERED DESIGN

This luminaire contains built-in LED modules. In case of damage or malfunction please contact the manufacturer to receive additional instructions on how to replace and relative spare parts to order. The LED modules cannot be handled in the luminaire by the end user.

LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 70.000 hours Ta 25°C, min. 50,000 hours at 40°C. Performance Ambient temperature Tq 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -20°C to +60°C.

MINIPOOL
S.3617

ACCESSORIES

**S.3660****JUNCTION BOX IP65***

Junction box with cable glands for 3 cables IN (possibility of 3 more cables IN with S.3670 accessories) Maximum load capacity 500Kg
Dimensions 300mmx300mmx230mm

**S.3670****1 ADDITIONAL CABLE GLAND**

Required for the connection of over 2 luminaires to the junction box
S.3660 / power supply S.3664, S.3665, S.3667, S.3668.

**S.2400****POWER SUPPLY NOT DIMMABLE 35W 230Vac/24Vdc IP20**

In: 240V Alternate Current

Out: 24V Direct Current.

The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 195 x 43 x 30,2 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2401****POWER SUPPLY NOT DIMMABLE 60W 230Vac/24Vdc IP20**

In: 240V Alternate Current

Out: 24V Direct Current.

The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 225 x 43 x 29,8 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2402****POWER SUPPLY NOT DIMMABLE IN BOX 60W 230Vac/24Vdc IP55 MAX 5 OUTPUTS**

Dimensions: 260 x 240 x 100 mm.

Cable IN: 2 with cable glands PG11

Cable OUT: 5 with cable glands PG11

IP55 CLASS II SELV The Total power of all connected luminaires may not be higher than the power of the driver.

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2403****POWER SUPPLY NOT DIMMABLE 100W 230Vac/24Vdc IP20**

In: 240V Alternate Current

Out: 24V Direct Current.

The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 295 x 43 x 29,8 mm

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2404****POWER SUPPLY NOT DIMMABLE IN BOX 90W 230Vac/24Vdc IP55 MAX 5 OUTPUTS**

Dimensions: 260 x 240 x 100 mm.

Cable IN: 2 with cable glands PG11

Cable OUT: 5 with cable glands PG11

IP55 CLASS II SELV The Total power of all connected luminaires may not be higher than the power of the driver.

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2405****POWER SUPPLY NOT DIMMABLE 60W 230Vac/24Vdc IP67**

In: 240V Alternate Current

Out: 24V Direct Current.

The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 150 x 53 x 21 mm

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

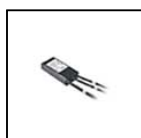
**S.2406****POWER SUPPLY NOT DIMMABLE 90W 230Vac/24Vdc IP67**

In: 240V Alternate Current

Out: 24V Direct Current.

The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 171 x 63 x 37,5 mm

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2411****POWER SUPPLY 0/1-10V 230V/700mA 17W o 230V/24V 15W IP68**

230V/700mA Maximum power consumption: 17W or 230V/24V

Frequency PWM : 240Hz Maximum power consumption: 15W

Dimensions 121mmx53mmx26mm IP68 SELV CLASS II Warning!!!

Always check the minimum Forward voltage (Vf min) of the fixtures that will be connected to this driver.

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2415****POWER SUPPLY DIMMABLE 230Vac/24Vdc 24W 244Hz IP67**

Dimmable DALI for monochromatic LED 24W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 244Hz Dimensions 185 x 35x 33mm

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2416****POWER SUPPLY DIMMABLE 230Vac/24Vdc 75W 244Hz IP67**

Dimmable DALI 2 for monochromatic LED 75W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 244Hz Dimensions 280 x 40x 28mm

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

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S.3617

ACCESSORIES



S.2419
POWER SUPPLY DIMMABLE DALI2, PUSH DIM 36W 230Vac/24Vdc 3,6KHz IP20
Dimmable DALI2, PUSH DIM for monochromatic LED 35W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions 210mmx43mmx30mm PWM Frequency :



S.2421
POWER SUPPLY DIMMABLE DALI, PUSH DIM e DSI 60W 230Vac/24Vdc 1KHz IP20
Dimmable DALI, PUSH DIM, DSI for monochromatic LED 60W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM Frequency : ~1KHz Dimensions 225 x 43x 29,8mm NB: not suitable for Family products NANOLED STAINLESS-STEEL
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2423
BOX WITH DIMMABLE POWER SUPPLY DALI2, 1-10v e PUSH-DIM 60W 230Vac/24Vdc 2kHz IP55 MAX 5 OUTPUTS
60W 230Vac/24Vdc Dimensions 260mmx240mmx100mm PWM Frequency : 2kHz IP55 SELV CLASS II NB: not suitable for Family products NANOLED STAINLESS STEEL
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2424
POWER SUPPLY DIMMABLE 1-10V, PUSH DIM 60W 230Vac/24Vdc 244Hz IP20
Dimmable 1-10V, PUSH DIM for monochromatic LED 60W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM Frequency : 244Hz Dimensions 125 x 82x 29mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2425
BOX WITH DIMMABLE POWER SUPPLY DALI, 1-10v e PUSH-DIM 90W 230Vac/24Vdc 2kHz IP55 MAX 5 OUTPUTS
90W 230Vac/24Vdc Dimensions 260mmx240mmx100mm PWM Frequency : 2kHz IP55 SELV CLASS II NB: not suitable for Family products NANOLED STAINLESS STEEL
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2426
POWER SUPPLY DIMMABLE DALI 2 120W 230Vac/24Vdc 2,5KHz IP67
Dimmable DALI 2 for monochromatic LED 120W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 2,5KHz Dimensions 191 x 63x 37,5mm NB: not suitable for Family products NANOLED STAINLESS STEEL
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2427
POWER SUPPLY DIMMABLE 1-10V 60W 230Vac/24Vdc 1,47KHz IP67
Dimmable 1-10V for monochromatic LED 60W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 1,47KHz Dimensions 150x53x35mm NB: not suitable for Family products NANOLED STAINLESS-STEEL
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2428
POWER SUPPLY DIMMABLE 1-10V 90W 230Vac/24Vdc 1,47KHz IP67
Dimmable 1-10V for monochromatic LED 90W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV PWM Frequency : 1,47KHz Dimensions 171 x 63x 37,5mm NB: not suitable for Family products NANOLED STAINLESS-STEEL
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2429
POWER SUPPLY DIMMABLE DALI2, PUSH DIM 75W 230Vac/24Vdc 3,6KHz IP20
Dimmable DALI2, PUSH DIM for monochromatic LED 75W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions 293mmx43mmx30mm PWM Frequency :



S.2438
POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DALI DIMMABLE IN BOX IP67
DALI DIMMABLE MULTI-POWER SUPPLY 230V/250mA-700mA Maximum power consumption: 20W or 16W 230Vac/24Vdc Dimensions 175,5mmx86,5mmx43mm PWM Frequency : 240Hz IP67 CLASS II SELV NB: not suitable for Family products NANOLED STAINLESS STEEL Warning!!! Always check the minimum Forward voltage (Vf min) of the fixtures that will be connected to this driver.
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



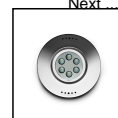
S.2439
POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DIMMABLE 1-10V, PUSH DIM IN BOX IP67
1-10V, PUSH DIM DIMMABLE MULTI-POWER SUPPLY 230V/250mA-900mA Maximum power consumption: 20W or 16W 230Vac/24Vdc Dimensions 175,5mmx86,5mmx43mm PWM Frequency : 240Hz IP67 CLASS II SELV NB: not suitable for Family products NANOLED STAINLESS STEEL Warning!!! Always check the minimum Forward voltage (Vf min) of the fixtures that will be connected to this driver.
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2441
POWER SUPPLY DIMMABLE DALI, PUSH DIM, 0-10V, 1-10V 230Vac/24Vdc 24W 244Hz IP20
Dimmable DALI, PUSH DIM, 0-10V, 1-10V for monochromatic LED 24W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. PWM Frequency : 244Hz Dimensions 164mm x38mm x24,5mm IP20 CLASS II SELV
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

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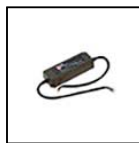
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ACCESSORIES



S.2442
POWER SUPPLY DIMMABLE DALI2, PUSH DIM, 0-10V, 1-10V 230Vac/24Vdc 75W 244Hz IP20
Dimmable DALI2, PUSH DIM, 0-10V, 1-10V for monochromatic LED 75W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV PWM Frequency : 244Hz Dimensions 280mmx40mmx29mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2445
POWER SUPPLY NOT DIMMABLE 120W 230Vac/24Vdc IP67
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS II SELV Dimensions: 191 x 63 x 37,5 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2446
POWER SUPPLY NOT DIMMABLE 320W 230Vac/24Vdc IP67
In: 240V Alternate Current
Out: 24V Direct Current.
The Total power of all connected luminaires may not be higher than the power of the driver. CLASS I SELV Dimensions: 252 x 90 x 43 mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.2449
POWER SUPPLY DIMMABLE DALI2, PUSH DIM 100W 230Vac/24Vdc 3,6KHz IP20
Dimmable DALI2, PUSH DIM for monochromatic LED 100W 240V/24Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP20 CLASS II SELV Dimensions 293mmx43mmx30mm PWM Frequency :



S.3426
POWER SUPPLY DALI MULTI-POWER 230V/250mA-700mA o 230V/24V 16W 240Hz IP20
230V/250mA-700mA or 230V/24V Maximum power consumption: @250mA 10W, @350mA 15W, @400mA 17W, @450mA 19W, @500-700mA 20W. @24V 16W PWM Frequency : 240Hz Dimensions 110mmx50mmx20mm IP20 NB: not suitable for Family products
NANOLED STAINLESS STEEL Warning!!! Always check the minimum Forward voltage (Vf min) of the fixtures that will be connected to this driver.
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.3664
JUNCTION BOX WITH NOT DIMMABLE POWER SUPPLY 35W 240V/24Vdc
IP65 power supply for: N°4 Micropool LED* o N°1 Minipool LED o N°1 Pool LED maximum load capacity 500Kg Dimensions 200mmx200mmx220mm *= require 2 x S.3670 additional cable gland
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



S.3665
JUNCTION BOX WITH NOT DIMMABLE POWER SUPPLY 90W 240V/24Vdc
IP65 power supply for: N°5 Micropool LED** o N°4 Minipool LED* o N°2 Pool LED maximum load capacity 500Kg Dimensions 300mmx300mmx230mm ** = require 3 x S.3670 additional cable gland * = require 2 x S.3670 additional cable gland
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.