



C.P.A.
S.R.L.

MICRO PROJECTOR SERIES MT-4



C.P.A. srl

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Features of the Micro Projector for nozzle

RESISTANT

Made by injection of polycarbonate which gives it a high resistance to shock, heat and chemical aggression of water treatment products.

✓ EFFECTIVE

The optic, fixed with friction welding, was developed for aquatic lighting to allow for a homogeneous distribution of light, harmonious and not blinding for the wet.

✓ ECONOMIC

The light source made up of LEDs allows numerous savings both for the user (energy savings) and for the professional, when building the swimming pool.

A cable with a 2x1 mm² section connected to a 50 W protected toroidal transformer is sufficient for the installation of a projector for the nozzle (economies of materials and labor).

✓ EASY TO INSTALL

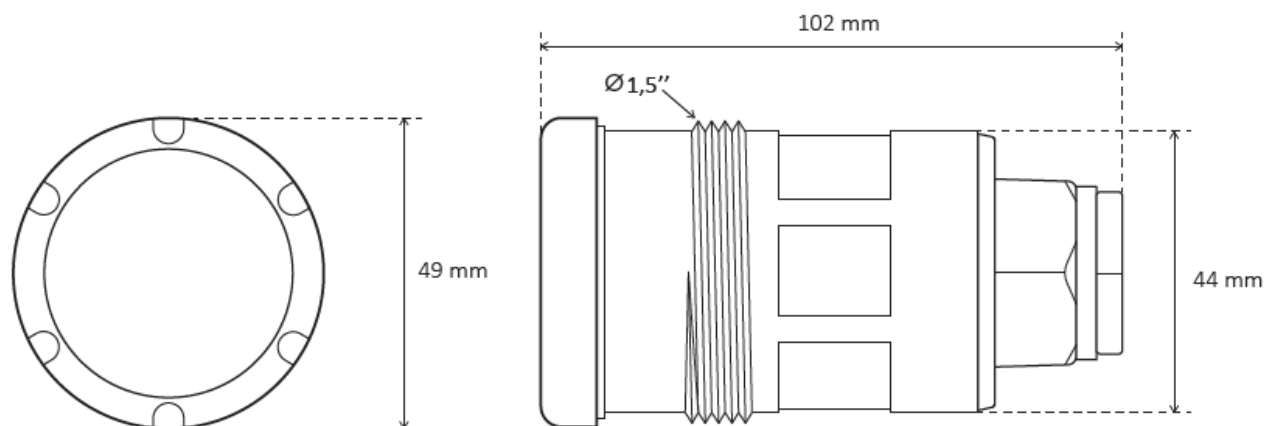
For correct installation, the power supply circuit of the lighting fixture must be equipped with a residual current protection device with a maximum intensity of 30mA.

This luminaire will only be connected to a double-insulated transformer or a compatible double-insulated safety stabilized power supply.

Other types of voltage transformers are prohibited. It is recommended to foresee a transformation power higher than the total power of the connected lighting fixtures.

The Micro projector for nozzle is compatible only with the MT-3 series present in the CPA s.r.l.

Dimensions of the Micro Projector for nozzle



Micro projector model for nozzle

Code	Description
1070170	18 white led projector for nozzle 6 W – 12 V ac



Ideal for new installations, the ignition control is carried out from the general electrical panel of the pool.

Optionally, a radio switch can be installed on the 12VAC power supply between the projector and the transformer.

Code	Description
1070184	9 white led projector for nozzle 8,2 W – 12 V ac

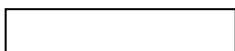


To create colorful environments in the water, this projector offers 11 fixed colors and 5 automatic programs. The exclusive optic ensures a harmonious blend of colors. Memory of the last program used and Reset function.

Colors range**RGB light**

With 11 fix colors and 5 automatic programs

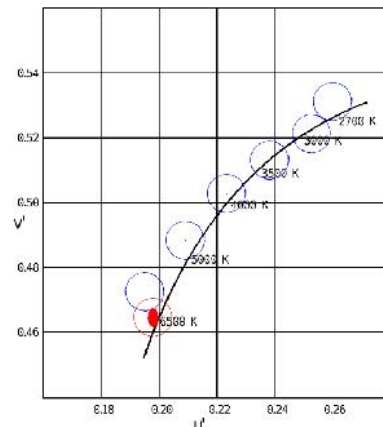
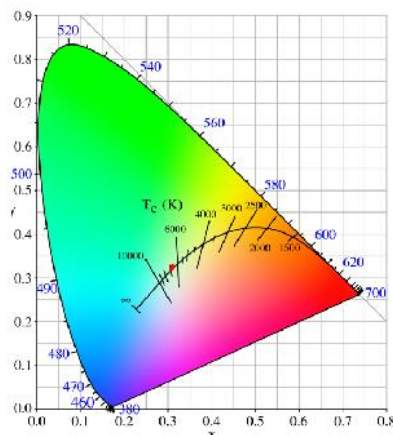
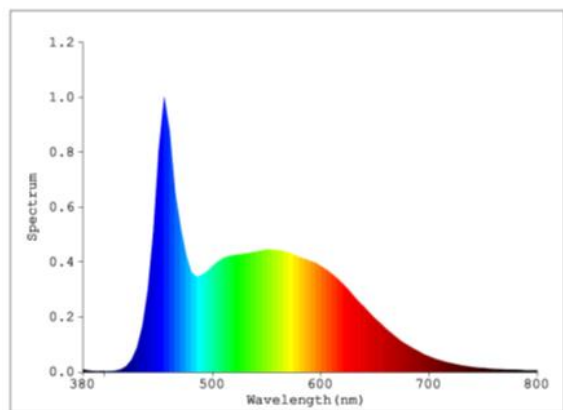
1070184 9 RGB LED projector for 8,2 W - 12 V ac outlet

**White light**

1070170 18 white led projector for 6 W - 12 V ac outlet

Technical features of the Micro projector for nozzle - cod. 1070170

PHOTOMETER: (measurements made in the laboratory; * measurements made in immersion)



Color temperature: white 6500K

Ra (IRC): 86*

Diffusion angle: 120°

Lumen nominal flow: 630 lumens*

Useful luminous flux (angolo 120°): 600 lumens*



ELECTRICAL PARAMETERS:

Power: 6W*

Stable power > 1h : 6W*

Voltage power: ~12V(AC) o =20V(DC), 50/60Hz

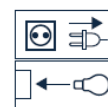
PF max : 0,7 if ~12V(AC)

PF max : 1 if =20V(DC)

Maximum power $[(P_i / PF) + 20\%]$: 10VA

Electrical class: III

Energy efficiency index EEI : 0,13



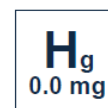
OTHER PARAMETERS:

Protection index: IP68*

Lifespan of the LED: > 10 000h

Switching cycles: > 100 000

Use: immersion only in water



Use only in outdoor pool
Lamp not suitable for accent lighting

CERTIFICATION:

EMC 2014/30 / EU Directive.

EN60598-1 / EN60598-2-18

Norm in all its modifications.



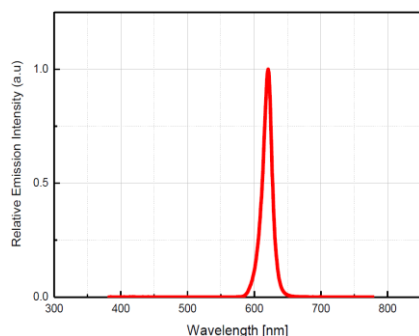
CSTB
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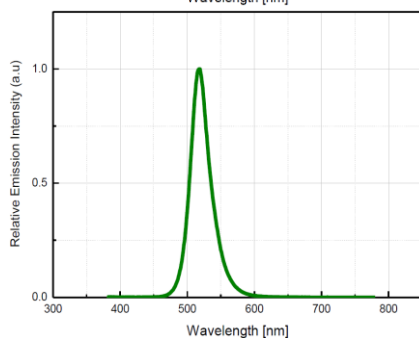
The service life is given as an indication according to the information of the component manufacturers. This duration is never contractual and can vary depending on the frequency of use but also on important changes in current.
For example, a lamp that is turned on 4 hours per night during a period of 6 months per year can have a lifespan of approximately 20 years.

Technical features Micro projector for nozzle - cod. 1070184

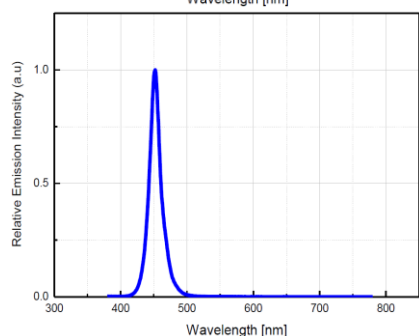
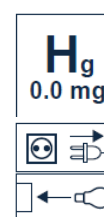
FOTOMETER: (measurements made in the laboratory; * measurements made in immersion)



Color temperature: 614 / 624nm
Ra (IRC): N / A
Diffusion angle: 120 °
Nominal lumen flux: 100 lumens
Power: 2.8W



Color temperature: 520 / 540nm
Ra (IRC): N / A
Diffusion angle: 120 °
Nominal lumen flux: 250 lumens
Power: 3,8W



Color temperature: 465 / 485nm
Ra (IRC): N / A
Diffusion angle: 120 °
Nominal lumen flux: 100 lumens
Power: 3,8W



PARAMETRI ELETTRICI:

Maximum instantaneous power: 8,2W
Stabilized power >1h: N/A
Maximum luminous flux: 320 lumens
Voltage power: ~12V(AC) o ~20V(DC), 50/60Hz
PF max : 0,7 if ~12V(AC)
PF max : 1 if ~20V(DC)
Maximum power supply $[(P_i / PF) + 20\%]$: 13VA

OTHER PARAMETERS:

Protection Index: IP68*
LED lifespan: > 15 000h
Switching cycles: > 100 000
Use: immersion in water only



CERTIFICATION:

EMC 2014/30 / EU Directive.
EN60598-1 / EN60598-2-18
Norm in all its modifications.

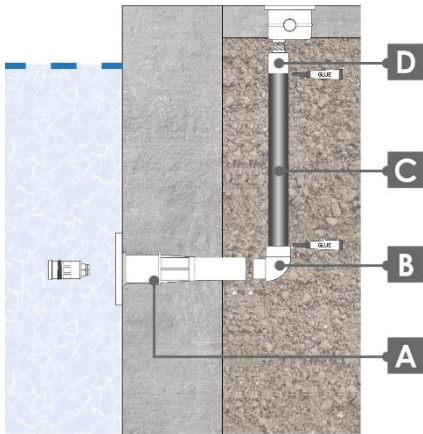


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le futur en constructio

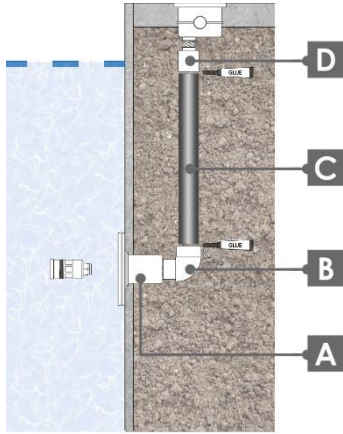


Micro Projector installation kit for nozzle

- A. Suction nozzle
- B. 90 ° M / F elbow in PVC ø50mm
- C. 50mm flexible conduit
- D. Adapter ø50mm



Cod. 1070913



Cod. 1070914

Code	Description
1070913	Micro projector installation kit for c.a./liner
1070914	Micro projector installation kit for panels /liner

Note

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