EGEO 4.1 RGBW

EGEO 4.1 8W AL 26° RGBW 24V PWM HC 5M

Cod: **CEA15PCM100H00**

Metel: **CEAPCM147**

IdroSkud® protection system
polarity reversal protection + voltage spikes protection + water infiltration protection

Protection class III
Designed to be supplied from a separated extra-low voltage (SELV) power supply

IP 68 up to 10m
Protected against continous immersion at a depth up to 10 meters

IP 66
Protected against powerful water jets (100 liters per minute)

IK 09
Protected against impact of 10 J

High temperatures
Design to withstand temperatures up to +50° C

C5 - Very high
corrosion resistance level ISO 9223

RGBW luminaire
Light source allows to mix colours controlling four channels

Mizar warranty
5 years warranty

Technical description

Floodlight suitable for outdoor and underwater environments up to 10 m (IP66/IP68), with operating temperature range: -20°C / +50°C. To offer maximum versatility of application, the body can be made of aluminum or steel; the bracket, made of steel for both models, allows the fixture's tilt to be adjusted. The light source is a multi-chip LED RGBW powered by constant voltage 24V, for maximum power of 8W, paired with a specific color-mixing TIR lens. The luminous flux makes it ideal for illuminating architectural details, garden plants or water features, thanks to the different emission angles. The source is set back for greater visual comfort. Color rendering index CRI > 90. EGEO is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. Optional for anti-glare (honeycomb) and accessory for installation in the ground (stake) are provided. The product must be combined with a power supply to ensure its operation. The power supply must be ordered separately. The amount of luminaires that can be connected to a single power supply varies depending on the type of installation. It is up to the installer to verify the possible voltage drop by evaluating the distance between the product and the power supply.

MIZAR is a brand of REER SPA
Via Carcano 32 - 10153 - Torino, Italy
Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it

Lighting data

Source type	multi-chip LED
CCT	RGBW (4000K)
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	640 (R=100 G=142 B=26 W=113)
Luminaire lumen output (lm)	245 (R=39 G=54 B=10 W=44)
Light emission	Medium

Beam angle	26°
Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U0 G0
CIE Flux Code	96 99 99 100 100
LED lifetime	L90 B10 50.000h (Ta +25°C)

Mechanical data

Width (mm)	86
Length (mm)	114
Height (mm)	117
Weight (Kg)	0.748
IP Rating	IP66 / IP68 10m
IK rating	IK09
Finishing colour	Aluminium
Frame material	Anodized aluminum anticorodal 6082

Body material	Anodized aluminum anticorodal 6082
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	8
Class ISO 9223	C5
Optic type	Technopolymer TIR Lens
Optical optional	Honeycomb
Maximal working temperature	+50° C
Minimal working temperature	-20° C

Electrical data

Nominal power (W)	8
Power supply (input power type)	Costant voltage - 24V DC
Ballast	Remote
Insulation class	III
Dimmable	Yes (PWM)
Power cable type	FR5FOEM7-AD8 6x0,5 mm^2
Power cable length	5 m

Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

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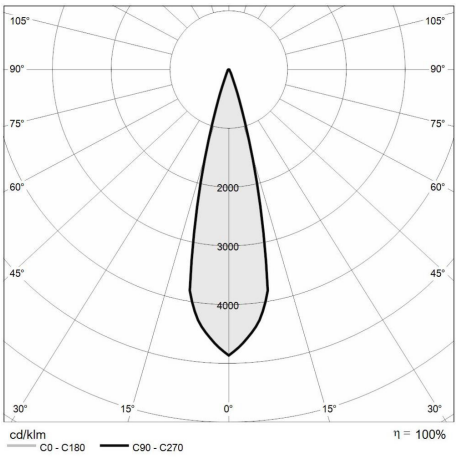
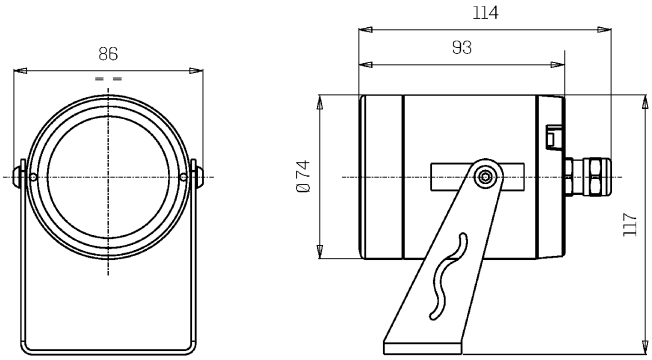
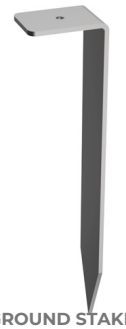
Photometry



Technical drawing



Accessories



GROUND STAKE

Stake for floodlight - big size

Cod: CEAZZZ017

CONTROLLER TUYA RGBW

Control unit WT5 5-channel RGBW PWM/WiFi Tuya

Cod: MID0023

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 70W 2,9A IP67

Cod: MID0028

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 150W 6,25A IP67

Cod: MID0029

DIMMABLE POWER SUPPLY

Power supply DC 24V 120W 5A IP67 DALI2/PWM

Cod: MID0030

DIMMABLE POWER SUPPLY

Power supply DC 24V 200W 5A IP67 DALI2/PWM

Cod: MID0031

RGBW REMOTE

Remote control RGBW RT 1zone RF 2.4gHz

Cod: MID1000

RGBW TOUCH PANEL

Touch wall panel RGBW 4 zone

Cod: MID1001

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NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 14,4W IP67 ON/OFF

Cod: MID0019

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 36W IP67 ON/OFF

Cod: MID0020

DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz 24V 24W IP67 DALI

Cod: MID0021

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