

DIVE 1 FC



Extra-Bright
Perfect for small
underwater
applications

HIGH QUALITY RGBW
COLOR MIXING
IP68 / DESIGNED FOR
POOLS AND FOUNTAINS
ALSO SUITABLE FOR USE
OUTSIDE WATER
EXTREMELY POWERFUL
STAINLESS STEEL & BRONZE BODY
PRODUCT CUSTOMIZABLE
FOR VARIOUS APPLICATIONS
CHOICE OF DIFFERENT
LENSES AVAILABLE



DIVE 1 FC is an IP 68 underwater projector with one RGBW LED. The unit is fitted with an adjustable bracket or with a round flange for recessed installation (DIVE 1 R FC). The unit features a reinforced structure that makes it reliable for long-term use. The unit is available with different optics and it is suitable for small underwater applications, or for use outside water.

DIVE 1 FC has been developed to work where safety regulations request 24 V DC max voltage, such as swimming pools or public areas. The unit is powered by DRIVENET 1664 24 V DC or DRIVENET 832 24 V DC power supplies.

Refer to local norms in case of underwater installation.



DIVE 1 FC



OUTPUT

1 x RGBW LED
Lumens: 420@700mA
LED lifespan: 50,000 hours (70% lumen output)

OPTICAL GROUP

2 lenses sets available:
22° / 28°

INTERFACE / CONTROL / PROGRAMMING

DMX 512, RDM and ArtNet (via Drivenet series)

POWER SUPPLY

DRIVENET 832 24Vdc PSU or DRIVENET 1664
24Vdc PSU Full range 100-240Vac 50-60Hz
Power consumption: 10 W max

CONNECTIONS

End-stripped 8-pole cable (5 m)

OPERATING AMBIENT TEMPERATURE

-20° / 40°

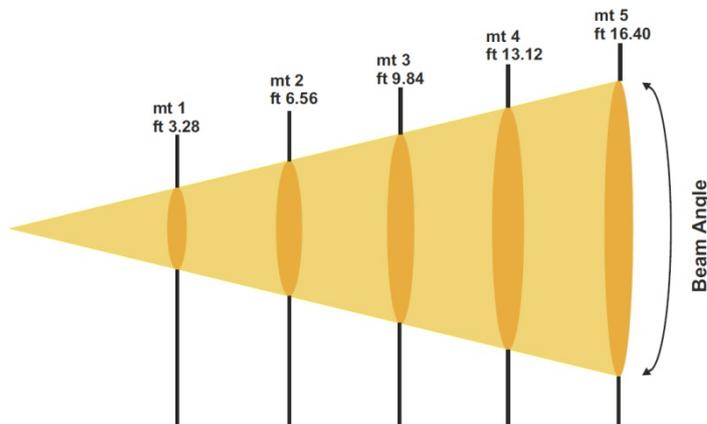
PHYSICAL

IP68 (max immersion depth: 2 m)
IK protection degree: IK09 (only R version)
Housing: Bronze / 316 Stainless steel
Weight:
DIVE 1 FC: 0.58 Kg
DIVE 1 R FC: 0.6 Kg
Dimensions:
56 x 75 x 70 h mm (DIVE 1 FC)
75 x 72 x 75 h mm (DIVE 1 R FC)

INTERNATIONAL CERTIFICATIONS

Electrical / Safety: EN 60598-1 ; EN 60598-2-18 ; EN 55015 EMC ; EN 62471

LEDs current 700mA



Lux center [lx]	1751	438	195	109	70
Foot candles [fc]	163	41	18	10	7
Diameter [cm]	39	78	117	156	194
Diameter [ft]	1,28	2,55	3,83	5,10	6,38
Lux center [lx]	1189	297	132	74	48
Foot candles [fc]	111	28	12	7	4
Diameter [cm]	50	100	150	199	249
Diameter [ft]	1,64	3,27	4,91	6,54	8,18

Beam Angle 22°

Beam Angle 28°