



>micro-clip

INDOOR / OUTDOOR USE

>micro-dive

OUTDOOR / UNDERWATER USE



>micro-dune

INDOOR / OUTDOOR USE



Presenting a totally brand new look within the GRIVEN mini colour changing range, MICRO-CLIP is an ultra compact spotlight fixture that houses three high efficiency full colour 3W LEDs. With its IP65 weather protection, MICRO-CLIP is clearly adaptable to a wide range of indoor and outdoor environments. Providing a vibrant and brilliant colour palette from a particularly thin and stylish bodywork, MICRO-CLIP features a straightforward operational efficiency where stand-alone colour sequences are available for spectacular synchronized effects and digital remote control via DMX 512 signal is a standard attribute. The environmental impact of this fitting is really small with no ultraviolet radiation and infrared emanation, an exceptionally low power consumption and a drastically reduced maintenance requirement.

Wall-washing, spot lighting, interior and exterior decoration are part of a vast choice of applications assortment enhanced by multiple beam angles options and full orientation pan and tilt mounting position.

MICRO-DIVE is a mini-sized 3W full colour LEDs colour changer specifically designed for underwater applications that features an IP68 (Full Dry) protection rating. State of the art electronic colour mixing, low power consumption, no moving parts, long life light source, light weight and compact size are some of the bonuses that grant superior performance, extreme durability and easy installation. Stand-alone colour sequence selection is an alternative to the four-channel DMX 512 standard digital control system. A choice of beam angle options is available to suit most requirements.

MICRO-DUNE is a super compact 3W full colour LEDs colour changer exclusively engineered for exterior recessed applications. The electronic colour mixing system, using super flux and high luminance LEDs, produces a powerful variety of countless colour hues. MICRO-DUNE features an IP68 weather protection rating and its 2.000 kg deadweight load capacity makes it suitable for ground mounting applications even in vehicled areas. The full digital control system, obtainable from any four-channel remote DMX512 control desk, includes also stand alone functions implemented by a pre-configured colour sequences selection for easy multiple units synchronization. Different beam angle options are available.

AL1850	MICRO-CLIP 12
AL1851	MICRO-CLIP 28
AL1852	MICRO-CLIP 40

AL1840	MICRO-DIVE 12
AL1841	MICRO-DIVE 28
AL1842	MICRO-DIVE 40

AL1830	MICRO-DUNE 12
AL1831	MICRO-DUNE 28
AL1832	MICRO-DUNE 40



ACCESSORIES



AL1855
SEPARATE TRANSFORMER



AL1856
SEPARATE TRANSFORMER



AD4110
IP65 UNIVERSAL DMX CONTROLLER



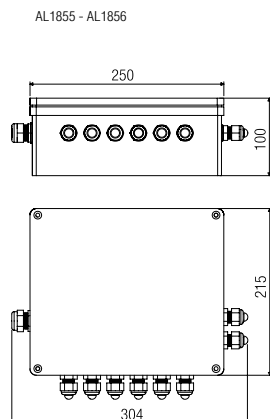
AL1419
LED D.O.P. CONTROLLER



AD4118
POWER CDI COMMANDER



AD4119
POWER CDI COMMANDER PLUS



TECHNICAL SPECIFICATIONS

SOURCE

3 high brightness, RGB full-colour 3W LED (Light-Emitting Diode) units
Continuously variable light intensity
1-100% electronic dimming facility
No UV / no infrared
Virtually instant light production (100 ns)
Strobe facility (12 fps)

SOURCE LIFE

The LED light sources used have an exceptionally long life:
predicted 100.000 hours under normal operating conditions as mentioned
by the LED manufacturer.

OPTICS

12° lenses fixture (ordering code AL1830 m-DUNE / AL1850 m-CLIP / AL1840 m-DIVE)
28° lenses fixture (ordering code AL1831 m-DUNE / AL1851 m-CLIP / AL1841 m-DIVE)
40° lenses fixture (ordering code AL1832 m-DUNE / AL1852 m-CLIP / AL1842 m-DIVE)

COLOUR VARIETY

RGB additive colour mixing for countless attractive saturated colours
Theoretical variety of 16.700.000 colour hues

DIGITAL CONTROL

On-board Dip Switch set for digital data assignment and stand alone operation control
Pre-set selectable colour sequences and blends
Master and Slave
4 channels of DMX 512 standard protocol
Input and output DMX signal connectors
IP65 optional universal DMX controller (ordering code AD4110)
Programming software with USB compatible download IP65 box (ordering code AD4118)
Enhanced programming software with USB compatible download IP65 box (ordering code AD4119)
LED D.O.P. Controller (ordering code AL1419)

ELECTRICAL SPECIFICATIONS

Power supply:
standard 200-220 / 230-250V / 50-60Hz / 0,35A @ 230V (with 4 projectors)
optional: 90-120V / 50-60 Hz / 0,7A @ 110V (with 4 projectors)
Power Consumption: 10,8W per unit max at full intensity (full RGB)
Electrical Class: III
Self-resetting fuse protection
Meets CE safety standards

HOUSING

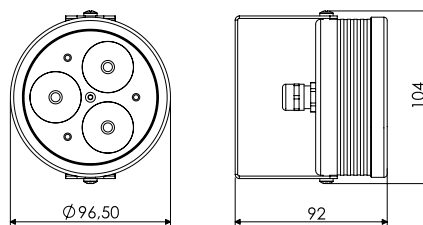
Aluminium for both projector and separate transformer box (powering up to 4 units)
Separate transformer operating at 200-250V for 4 units: ordering code AL1855
Separate transformer operating at 90-120V for 4 units: ordering code AL1856
Full 360° orientation capability with adjustable bracket for surface mounting
Protection rating: m-CLIP: IP65 - m-DIVE : IP68 - m-Dune: IP67

EXTERNAL OPERATING LIMITS

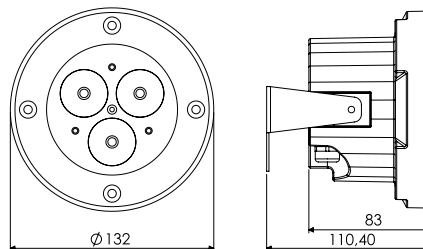
-20°C to 40°C (-4°F to 104°F) temperature

WEIGHT

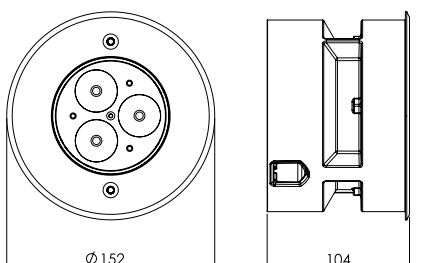
m-CLIP= 0.65 Kg / m-DIVE= 1.4 Kg / m-DUNE= 1.7 Kg
IP65 separate transformer box = 2,5 Kg



MICRO-CLIP



MICRO-DIVE



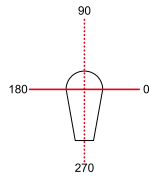
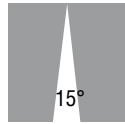
MICRO-DUNE



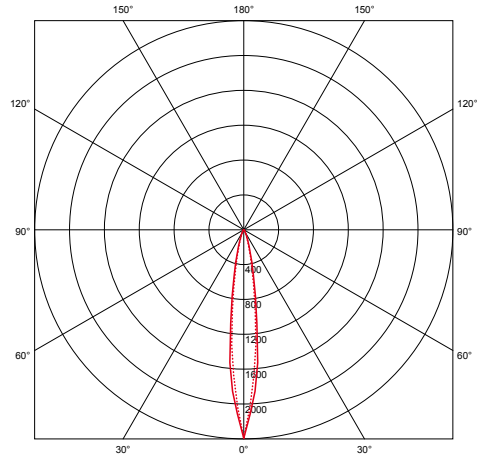
PHOTOMETRIC DIAGRAMS

AL1850
AL1840
AL1830

Total flux 234 lm
Maximum 2392.6 cd/Klm

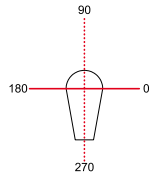


— C0 / C180
- - - C90 / C270
cd / 1000 lm

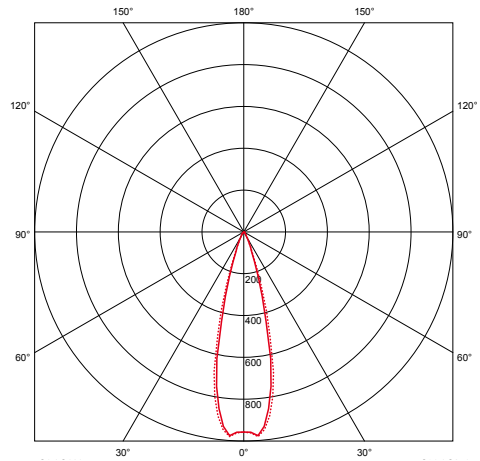


AL1851
AL1841
AL1831

Total flux 234 lm
Maximum 970 cd/Klm

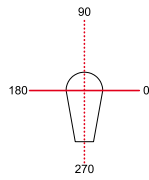
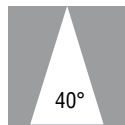


— C0 / C180
- - - C90 / C270
cd / 1000 lm



AL1852
AL1842
AL1832

Total flux 234 lm
Maximum 600 cd/Klm



— C0 / C180
- - - C90 / C270
cd / 1000 lm

