

> DANUBE Full-Colour

AL 1800 outdoor / AL 1806 indoor

LED

INDOOR / OUTDOOR USE



DANUBE - FC is a professional use LED colour changer for exterior and interior architectural applications that features 36 super flux and high luminance 3W full-colour chips. This incredibly powerful performance is delivered from a remarkably compact unit and the electronic colour mixing offers superb output with real uniform colour coverage. Two versions are available, one with an IP 66 weather protection factor for virtually any exterior application, and the other with an IP20 rating, for indoor use. The interior version has completely silent operation and so is suitable for theatre or television use, but of course would be an ideal light source in many applications such as retail environments. DANUBE - FC's environmental impact is really small with no ultraviolet radiation and infrared emanation, an exceptionally low power consumption and a drastically reduced maintenance requirement, where the life of the light source is remarkably extended compared with any other conventional lighting equipment and no lamp replacement is requested. Making installation equally straightforward, DANUBE - FC has integral power supply unit and on board control, with selectable colour sequences for stand-alone operation, and master/slave function to operate multiple units in synchro without any additional software requirement. However, DANUBE - FC, can also be controlled from any standard DMX512 digital controller.

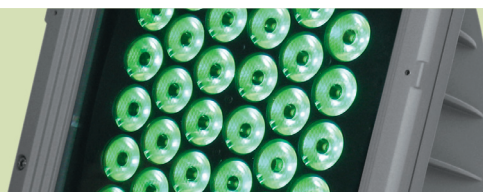
A choice of various beam angle optics is available, along with a frost version, too.

DANUBE - FC è un cambia colori professionale per applicazioni d'illuminazione architettonica per uso in interni ed esterni che utilizza 36 chip a tricromia da 3W. Una straordinaria emissione luminosa ottenuta tramite un proiettore di dimensioni relativamente compatte il cui sistema di miscelazione elettronica dei colori produce un superbo fascio di luce realmente omogeneo.

DANUBE - FC è disponibile in due versioni: quella con grado di protezione IP66 contro gli agenti atmosferici è idonea per qualsiasi applicazione all'esterno, mentre l'altra (IP20) è invece adatta all'utilizzo in interni. Quest'ultimo modello opera, tra l'altro, in completa silenziosità, ed è quindi la soluzione ideale per installazioni in teatri e set televisivi, fermo restando che la sua fonte luminosa è adatta anche a molteplici altre applicazioni. L'impatto ambientale di DANUBE - FC è veramente minimo: nessuna radiazione ultravioletta né emanazioni infrarosse, consumo eccezionalmente basso, manutenzione drasticamente ridotta, laddove la durata della fonte luminosa è di gran lunga maggiore rispetto alle sorgenti di luce più convenzionali e non è richiesta la sostituzione di alcuna lampada. Il sistema di controllo digitale incondizionato, ottenibile tramite qualsiasi centralina DMX512 con almeno quattro canali, comprende anche le funzioni stand alone, implementata da scene di cambio colore preconfigurate, e master/slave per la sincronizzazione di più unità.

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TECHNICAL SPECIFICATIONS

SOURCE

36 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 (10 fps)

SOURCE LIFE

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

OPTICS

12° beam angle (ordering code AL 1800 outdoor / AL 1806 indoor)
22° beam angle (ordering code AL 1802 outdoor / AL 1808 indoor)
34° beam angle (ordering code AL 1804 outdoor / AL 1810 indoor)
Optional 12° beam angle (ordering code AL 1812)
Optional 22° beam angle (ordering code AL 1814)
Optional 34° beam angle (ordering code AL 1816)

COLOUR VARIETY

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

CONTROL OPERATION

6 channels of DMX 512 standard protocol
Input and output internal DMX signal connectors
Pre-set selectable colour sequences and blends for stand-alone use
Master/Slave function for multi-unit synchronisation
Dip-switch panel in the rear box
IP65 optional dedicated DMX controller (ordering code AL 1322)
Power CDI commander - DMX interface for PC (ordering code AD 4118)

LED D.O.P. controller (ordering code AL 1419)

ELECTRICAL SPECIFICATIONS

Power supply: standard 200÷250V / 50-60Hz / 150W / 1,2 Amp.
optional 90÷120V / 50-60Hz / 150W / 2,4 Amp.
Product in compliance with CEI EN 60598-1 and
CEI EN 60598-2-17

Meets CE safety standards

HOUSING and WEATHER PROTECTION FACTOR

Die cast aluminium body
Scratch resistant textured polyester grey finish, protected against UV deterioration and general corrosion.
Front tempered glass shock resistant
Internal cooling system
IP66 certified weather protection rating for the most severe weather conditions (outdoor version)
IP20
Adjustable fixing yoke provided for easy mounting system on wall, ceiling and floor with full orientation capability.

OPERATING LIMITS

The unit can operate in any position
-20°C to 40°C (-4°F to 104°F) temperature
0-95% relative humidity (non condensing)

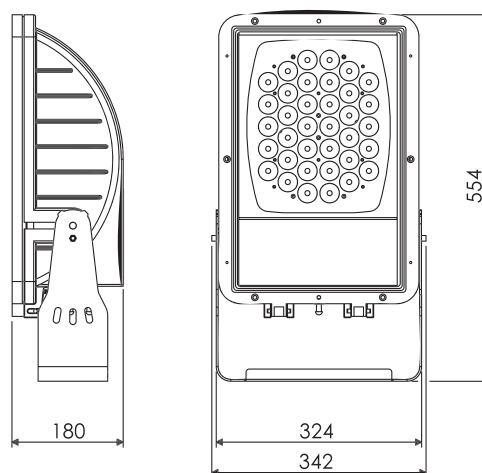
WEIGHT

15,5 kg

DMX CHANNELS	
Channel 1	Red
Channel 2	Green
Channel 3	Blue
Channel 4	Strobe
Channel 5	Dimmer
Channel 6	Preset colours



SIZE



Descriptions, illustrations, diagrams and specifications in this leaflet describe only general details and shall not form part of any contract. We reserve the right to change specifications without prior notification.