

## > DUNE Full-Colour AL1760

LED

OUTDOOR USE



**DUNE-FC is a powerful 3W full-colour LED colour changer, specifically designed for exterior recessed applications.**

DUNE-FC's electronic colour mixing system, using super flux and high luminance LEDs gives a powerful and even palette of attractive pastel or deep colours, that can cross-fade slowly or be snap changed as desired. 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. DUNE-FC features an IP67 weather protection rating and its 2000 kg deadweight load capacity makes it suitable for ground mounting applications even in vehicled areas. This versatile fixture also allows beam positioning through 10° moving capability. Various models are available with different beam angle options including an asymmetrical set-up.

**Il proiettore DUNE-FC è un cambia colori progettato specificamente per installazioni esterne ad incasso realizzato con la più recente tecnologia disponibile nel campo delle sorgenti luminose a LED.**

Il sistema di miscelazione elettronica dei colori e gli efficaci LED full-colour a 3W ad alta resa offrono a questo proiettore innumerevoli vantaggi fra cui una diffusione luminosa potente ed omogenea, tempi di risposta rapidissimi, una notevole diminuzione dei consumi ed una riduzione drastica degli interventi di manutenzione, laddove la durata della fonte luminosa è di gran lunga maggiore rispetto alle sorgenti di luce più convenzionali. DUNE-FC ha un grado di protezione certificata IP67 contro gli agenti atmosferici ed è caratterizzato da una carrabilità pari a 2000 Kg, che lo rende particolarmente adatto per installazioni ad incasso anche in aree dove transitano veicoli. La versatilità di questo proiettore permette inoltre di direzionare il fascio, con un grado di orientabilità di 10°. Sono disponibili vari modelli, anche in base alle diverse angolazioni del fascio di emissione di luce richieste, compreso un set-up asimmetrico.

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## TECHNICAL SPECIFICATIONS

### SOURCE

Class 1 High Voltage  
18 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 1760)  
22° beam angle (ordering code AL 1762)  
34° beam angle (ordering code AL 1764)  
Optional asymmetrical filter for 12° optics version only (ordering code AL 1769)  
Optional 12° beam set (ordering code AL 1766)  
Optional 22° beam set (ordering code AL 1767)  
Optional 34° beam set (ordering code AL 1768)

### COLOUR VARIETY

RGB additive colour mixing for countless attractive saturated colours  
Theoretical variety of 16.700.000 colour hues  
Pre-set selectable colour sequences and blends

### CONTROL OPERATION

On-board Dip Switch set for digital data assignment and stand alone operation control  
Master and Slave  
4 channels of DMX 512 standard protocol  
Input and output DMX signal connectors  
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 210-250V / 50-60Hz / 75W / 0,6 Amp.  
Optional: 90-120V / 50-60 Hz / 75W / 1,2 Amp  
(available on request)  
Self-resetting fuse protection  
Meets CE safety standards

### HOUSING

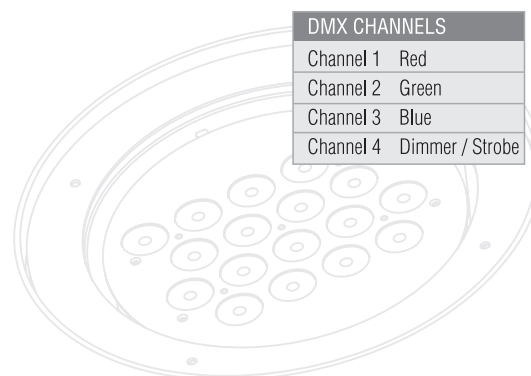
Die cast aluminum body  
Scratch resistant 100% polyester black paint  
Beam angle orientation adjustment of 10°  
Suitable for wall, ground and ceiling recessing  
Full 360° orientation capability  
Load bearing 2000 Kg  
IP67 protection rating

### EXTERNAL OPERATING LIMITS

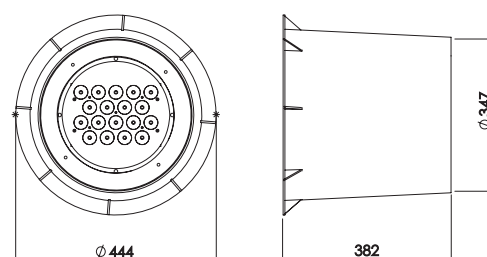
-20°C to 40°C (-4°F to 104°F) temperature  
0-95% relative humidity (non condensing)

### WEIGHT

12,2 Kg



## 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.

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