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LED SERIES

DUNE FC

High Power Outdoor In-Ground RGB Color Changer



DUNE-FC model AL 1760 is a powerful 3W full-color LED color changer, specifically designed for exterior recessed applications. DUNE-FC's electronic color mixing system, using super flux and high luminance LEDs gives a powerful and even palette of attractive pastel or deep colors, 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.

TECHNICAL SPECIFICATIONS

SOURCE

Class 1 High Voltage
18 high brightness, RGB full-color 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 color mixing for countless attractive saturated colors
Theoretical variety of 16.700.000 color hues
Pre-set selectable color 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 2,000 Kgs
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 Kgs

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE
WITHOUT PRIOR NOTICE.