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LED SERIES

SWAN



SWAN is an efficient general purpose white light LED floodlight that uses thirty-six 2.4W bright white LED chips. Fitted with the highest precision technology and the latest software developments, the LED chips utilized have been coupled with the most effective lenses to give an incredibly homogeneous daylight white output.

The unit can be customized with a choice of 10°, 30° or 45° optics and a frost filter can be applied to suit additional requirements of alternative beam creations, always preserving the highest luminous efficacy. The extruded aluminum body is equipped with heat sink fins for an optimized thermal management and the enhanced silent operation is conveyed by the use of magnetic levitation motor fans.

SWAN 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. Wall, ceiling or surface mounting can be comfortably achieved by the built-in yoke and the optional display plate.

The compact outline features a robust and durable extruded aluminum housing certified to an IP65 weather protection for the widest variety of applications such as accent, display, effect and landscape lighting.

TECHNICAL SPECIFICATIONS

SOURCE

36 high brightness, 2.4W, 6500 K, WHITE power LED
(Light-Emitting Diode) units
No UV / no infrared
Virtually instant light production (100 ns)

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

10° beam angle (ordering code AL 1610)
30° beam angle (ordering code AL 1612)
45° beam angle (ordering code AL 1614)
Optional frost Filter (ordering code AL 1626)
Optional 10° beam set (ordering code AL 1620)
Optional 30° beam set (ordering code AL 1622)
Optional 45° beam set (ordering code AL 1624)

ELECTRICAL SPECIFICATIONS

Power supply:
standard 200~250V / 50-60Hz / 140W / 1 Amp.
optional 90~120V / 50-60Hz / 140W / 2 Amp.
Self-resetting fuse protection
Meets CE safety standards
Product in compliance with CEI EN 60598-1
and CEI EN 60598-2-17

HOUSING

IP65 extruded aluminum body with all-round heat sink in ns
Scratch resistant textured polyester gray Finish, protected
against UV deterioration and general corrosion.
Front tempered glass shock resistant
Internal cooling system equipped with magnetic
levitation motorized fans for virtually noiseless operation.
Certified IP65 protection rating for the most severe
weather conditions
Adjustable mounting yoke (3 holes \varnothing 12 mm)

OPERATING LIMITS

-20°C to 40°C (-4°F to 113°F) temperature
0-95% relative humidity (non condensing)

WEIGHT

12,5 Kg

ADDITIONAL ACCESSORIES

4-LEAF BARNDOR SET - ordering code AL 1616
OPTIONAL FIXING PLATE - ordering code AL 1618