SPL
AVIATION LIGHTING SOLUTIONS

Address: Northeast 8 Road NO.22. Gusan Industrial Area Gu Zhen Town ,ZhongShan City. Guang Dong Province
CHINA
Tel: +86 133 1606 0761   website: www.spl-en.com   email: spl-en@foxmail.com

STYLE# SPL-004   Perimeter Light

Perimeter lights (also called insert edge light) are one of the most important safety features on your helipad. They are used to mark and illuminate the FATO and TLOF and they help the pilot locate the pad to safety land during night operations and bad weather conditions.

Key Feature：

◎ Lamps and lanterns USES the double sealing ring structure, input by watertight plug connection between conductor and the inner cover, good waterproof.

◎ Lamps lanterns can withstand the vertical static load 31.7 kg/m2 。

◎ Lamps is overall to withstand 1380 kpa instantaneous hydraulic impact of watertight test without leakage.

◎ Lamps to withstand 40 j ball of energy, top of the center for many times, the optical system of lamps and lanterns and parts won't produce damage and displacement.

◎ After 1361 kg of horizontal shear test of lamps,don't appear structure damage, displacement or loose parts.

◎ The lamp cover adopts PC material of excellent impact resistance (IZOD notch impact strength: 90), thermal stability (service

temperature can be 130℃), great transparency (available with a light transmission of

up to 90%), auto-UV resistance, aging resistance and flammability rating in UL94V0.

◎ House of the light is made of aluminum liquid casting and oxidation treatment.

◎ Light source adopts the international advanced LED featuring low power consumption, high efficiency and light source lifespan reaching 100,000 hr..

◎ The light with surge protection device (In 7.5KA/5 times, Imax 15KA) can be used in the harsh environment

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Light Characteristics	
Light source	High Power Integrated LED
Color	Green/White/Yellow/BLUE
Lifespan of LED	100,000 hours
Light intensity	>30cd,
Electrical Characteristics	
Operating Mode	AC 85V~265V; 48V DC or other customized
Power Consumption	20W
Physical Characteristics	
Body Casting Material	Casting Aluminum and gray powder coating finish
Base Can Casting	Default integrated in the lamp, no need additional purchase
Lens Material	Polycarbonate UV stabilized, good impact resistance
Lens above the grade	After installation the lens is 15mm above the grade
Overall Dimension(mm)	φ223mm×118mm
Mounting&Cable	Grouting/ Cable can be customized one "in" one "out"
Weight(kg)	5.5kg
Environmental Factors&Others	
Ingress Grade	IP68
Temperature Range	-40℃ to 60℃
Wind Speed	80m/s
Quality Assurance	ISO9001:2008

Instruction

a) Please read carefully the product specification before using the driver to make sure the operation environment can meet the requirement as per the specification.

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b) While connecting the tube to the power, please make sure the switch is "off".

c) Do not disassemble the lamp by yourself.

Maintenance

4.1 keep every screw in tight

4.2 keep the light OFF when not using.