

DATA SHEET

LED PROFESSIONAL FLOODLIGHT 100W DIMMABLE 1-10 V DC 5000K
220V-240V AC IP66

LSF10050



DESCRIPTION

The LED Floodlights from the LSF-series are an excellent choice for lighting of stadiums, sport fields, industrial and working zones, ports or public areas. The long life of the LED chips and low decay of the illumination output are an ideal precondition in covering the needs for long-lasting and reliable work life. The models from the LSF series have an option for easy change of the lighting distribution lenses (60°, 110°, 85°x100°). The lenses are made from high quality optical grade PC, covered with tempered glass. The floodlights have a distinguishingly long working life, they are highly efficient (140 lm/W), innovative, easy to mount, and impact resistant (IK08). The index of protection IP66 makes them suitable for both indoor and outdoor mounting. The housing is made from high quality die-cast aluminium and has an inbuilt breathing valve to prevent the penetrating of moisture within the floodlight. A great advantage of these luminaires is the possibility for dimming (1-10V DC).

BENEFITS

- High efficiency 140 lm/W
- Easy change of various lighting distribution lenses (60°, 110°, 85°x100°)
- Colour Rendering Index Ra>70
- Dimming 1-10V DC
- No flickering
- Breathing valve to prevent moisture
- Higher Index of Protection IP66
- Impact resistant IK08
- A mounting bracket allows mounting in different angles
- The luminaire can also be used as a high-bay or a tunnel light
- 5-year warranty

APPLICATION

- Stadiums
- Sports fields and halls
- Tunnel lighting
- Industrial zones
- Ports
- Airports

DATA SHEET

Light technical information

- Efficiency: 140 lm/W
- Rated luminous flux: 14000 lm
- Flicker: <5%
- Beam angle: 60 °/110 °/85x150 °
- Color Rendering Index (CRI): >70
- Correlated Color Temperature (CCT): 5000 K
- LED type: Seoul SMD
- Photometric file (.LDT): Yes

Electrotechnical information

- Voltage: 220-240 V AC
- Frequency: 50/60 Hz
- Power factor: >0.95
- Power: 100 W
- Class: I
- Driver: Sosen. Dimmable 1-10V DC

Basic information

- Type of protection: IP66
- Impact protection rate: IK08
- Working temperature: -20 °C ÷ +45 °C
- On/Off Cycles: >30 000
- Lumen Maintenance L80B50: >50 000 h
- Dimensions: 300/280/100 mm
- Weight: 2.9 kg
- Color: Black
- Warranty: 5 years

