



12,000
LUMENS

95+
Lm/W

70,000
HOUR L₇₀

130W

5 YEAR
WARRANTY

3 X CREE
LEDS

MADE IN
THE UK



SPORTLUX LED 130

Designed for multi-use sports halls, this fixture enables multiple lighting levels that meet the specs of Badminton England and Sports England, whilst delivering substantial savings on your electricity bill. The luminaire produces 12,000+ lumens and its top quality electronics ensure a non-distracting flicker-free light, allowing the trajectory of fast-moving objects to be clearly seen. The SportLux LED is manufactured in the UK from the latest high quality components and has a 5 year unlimited-usage guarantee.

The SportLux LED 130 is a highly efficient fitting utilising only 130W and achieving an efficacy of 95+ lm/W. The units are suitable replacements for existing Metal Halide

and fluorescent tubes because of their high efficacy and minimal maintenance requirements - only depreciating to 70% brightness after 16 years (12 hours operation per day).

The SportLux-LED 130 is 'CE' marked, 'F' marked and compliant with the RoHS directive. The fixture is also eligible for the UK Government's Enhanced Capital Allowance (ECA) scheme. This enables businesses to write off the entire cost of purchasing the SportLux LED against their taxable profits in the same year. This reduces the cash "out of pocket" cost to businesses by up to 23%.

APPLICATIONS

Sports Hall Lighting



TECHNICAL SPECIFICATION SPORTLUX LED 130

Light Source

LEDs	3 x CREE High Power White LEDs
Light Output & Temperatures	5000K Cool White*: 12,000+ lm * Standard temperature. A wide variety of other LED colour temperatures are available on request. Please contact Chalmor for details.
L ₇₀ [†]	70,000 hours
CRI	80
Beam Angles	Standard 110° wide beam, 42° integrated reflector or 90° diffused beam (diffuser)
Brightness	No warm-up or re-strike time
Flicker Free	Continuous current ensures smooth and a flicker-free light. We do not use Pulse Width Modulation (PWM) which strobos the LEDs at high frequency.

Electrical

Power Supply	100-277 VAC, 130W max, 50-60Hz self adjusting PSU
Power Factor	0.94
Power Cable	1.2m (3.9') captive

Physical

Finish	White high quality AkzoNobel Interpon architectural powder coating
Mounting	The fixture has 3 x M10 threaded holes to allow direct attachment via drop rod and unistrut systems. Bracket enables angle to be adjusted from 30-60°
Mount	Height 4 - 10m. Please contact us for technical installation guides or visualisation services
Dimensions	380 (W) x 220 (H) x 245mm (D) (15.0 x 8.7 x 9.6")
Weight	6.7kg (14.8 lbs)

Quality and Reliability

Quality	This unit is manufactured in the UK using only the highest quality components.
Reliability	The units are load tested thoroughly before leaving the factory.

Operating Conditions and Precautions

Safety	The fixture has automatic thermal management to protect from overheating. The fixture is also 'F' marked for mounting on normally combustible surfaces.
Temperature	-20°C to +50°C
Environment	Indoor/dry conditions up to IP54
Compliance	The Resilience-LED is CE marked and compliant with the RoHS directive.

Product Options

Product Code LED/SPL/130 **T - F . B**

T = Temperature CW 5000K Cool White

F = Body Finish W White

B = Beam Angle 42 42° **110** 110° **P** 90° diffuser

[†] LEDs do not fail in the same way as conventional light fittings. Light output gradually diminishes in an LED source unlike other luminaires where failure would occur before significant depreciation. L₇₀ is the point at which light output has fallen to 70% of its original value, an industry standard measurement and rule of thumb for LED luminaire replacement.

Guarantee

5 years from the date of original purchase. The guarantee is limited to parts and labour. The Guarantee is void if the unit is misused, the cable connections are not in a dry environment, or unauthorised persons perform repairs. In the unlikely event of a fault occurring, do not use without repair. Return the unit to your supplier with a description of the fault, or direct to Chalmor for immediate attention.

Disclaimer

Due to continual research and product development this specification is subject to change without notice.

