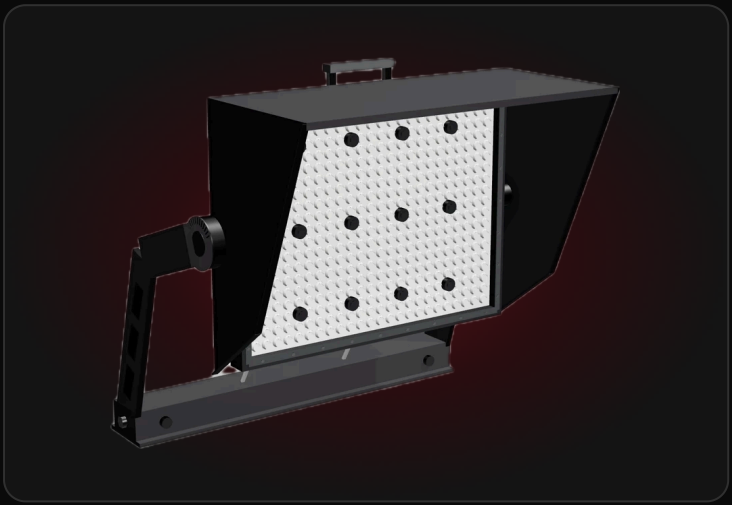
STL1500: LED floodlight for high requirements

High requirements from about 500 lx: competition, higher leagues, stadium.



1,500 W POWER	**20° / 40°** OPTICS
3000 / 4000 / 5000 K COLOUR TEMPERATURE	**IP66 / IK10** INGRESS PROTECTION

Description

The STL1500 from Series 12 is the floodlight for high requirements from about 500 lx, i.e. competition, higher leagues and stadiums. It concentrates 1500 W in a compact light field with symmetric 20° or 40° optics. It also works with few masts, but then the masts have to carry more floodlights.

Application

- Football floodlighting
- Hockey floodlighting
- Athletics floodlighting

Features

- Aluminium housing with one-piece fin heat sink, black powder-coated
- Symmetric optics in either 20° or 40°
- Adjustable mounting bracket, tilt and side angle continuously adjustable
- Wall or mast mounting
- Glare shield available as an option
- Control via 0–10 V, optionally DALI or DMX
- Sensor-ready: built-in socket for sensor EFS106W
- Protection rating IP66, impact resistance IK10
- Warranty of at least 7 years, depending on the project

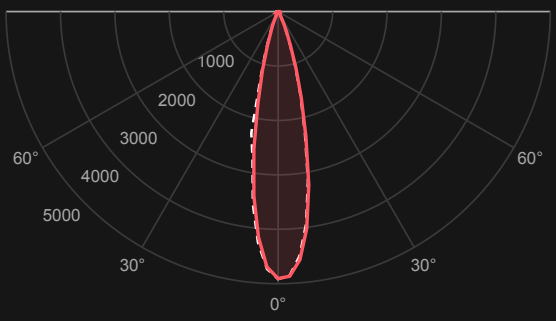
Technical data according to the TRiALED manufacturer's datasheet. As of 7 November 2026. Subject to change.

Technical data

Design	One light field, symmetric optics
Power	1,500 W
Colour temperature	3000 K, 4000 K, 5000 K
Optics	20° / 40°
Colour rendering	CRI ≥ 80
Weight	28 kg with driver (22 kg without)
Dimensions	100 × 460 × 580 mm
Ingress protection	IP66 / IK10

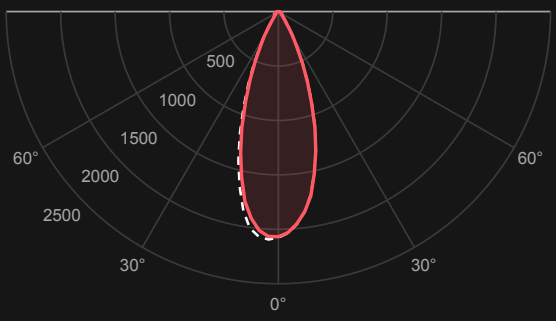
Light distribution

4000 K, 20° optics



Peak 4,915 cd/klm · half-value width 20° / 20°

4000 K, 40° optics



Peak 2,095 cd/klm · half-value width 35° / 35°

C0/C180 ---- C90/C270 · values in cd/klm, evaluated from the LDT file

Lighting calculation for your facility. Using the light distribution data of this luminaire, we calculate illuminance, uniformity and glare for your facility to DIN EN 12193. Send an enquiry at www.deinflutlicht.de/en/