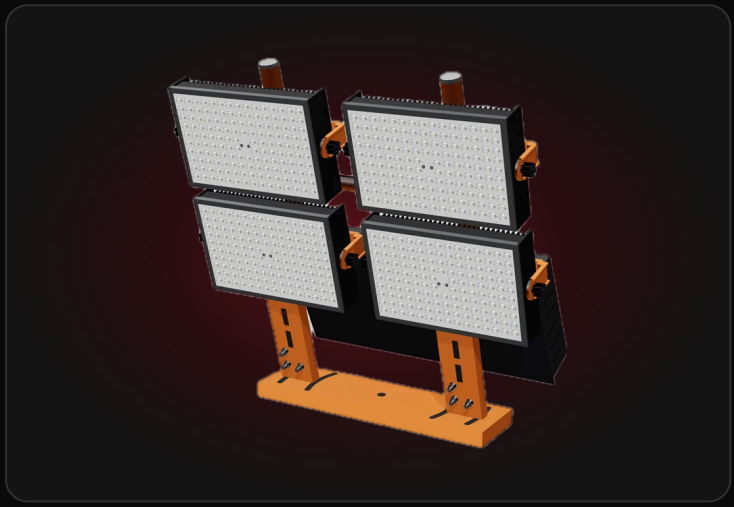
DeinFlutlicht

DATASHEET · SERIES 12

STL963: LED floodlight with four modules

Smaller installations and few masts: tennis, padel, training pitches.



960 W POWER	**145,920 lm** EFFECTIVE LUMINOUS FLUX
3000 / 4000 / 5000 K COLOUR TEMPERATURE	**IP66 / IK10** INGRESS PROTECTION

Description

The STL963 from Series 12 is a modular LED floodlight with four individually adjustable modules. With 960 W and 145,920 lm effective luminous flux, it suits smaller installations and pitches with few masts, such as tennis, padel or training pitches.

Application

- Football floodlighting
- Hockey floodlighting
- Small-sided pitch lighting
- Athletics floodlighting
- Padel lighting
- Tennis lighting

Features

- LED floodlight of modular design for mast, crossarm or building
- Cast aluminium housing, painted black, V4A fasteners
- PMMA optics in either 20° or 40°, different optics can be combined in one floodlight
- Modules individually adjustable, tilt and side angle continuously adjustable
- Operating range −40 °C to +50 °C
- Dimmable via 0–10 V, optionally by potentiometer, remote control or internet
- Protection rating IP66, impact resistance IK10
- Rated LED lifetime over 100,000 hours (L80B10)
- Warranty of at least 7 years, depending on the project

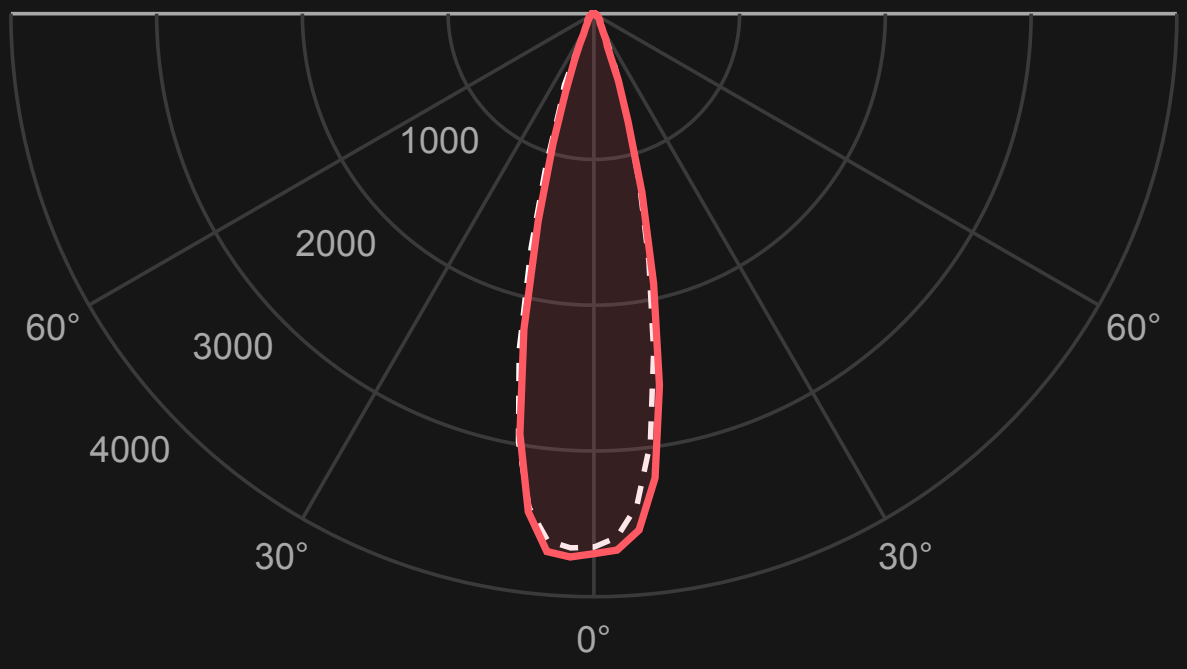
Technical data according to the TRiALED manufacturer's datasheet. As of 7 November 2026. Subject to change.

Technical data

Design	4 modules, individually tiltable
Power	960 W
Luminous flux (effective)	145,920 lm
Colour temperature	3000 K, 4000 K, 5000 K
Optics	20° / 40°
Colour rendering	CRI ≥ 82
Weight	20 kg
Dimensions	911 × 1125 × 139.5 mm
Ingress protection	IP66 / IK10

Light distribution

4000 K, 20° optics



Peak 3,732 cd/klm · half-value width 25° / 22.5°

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/