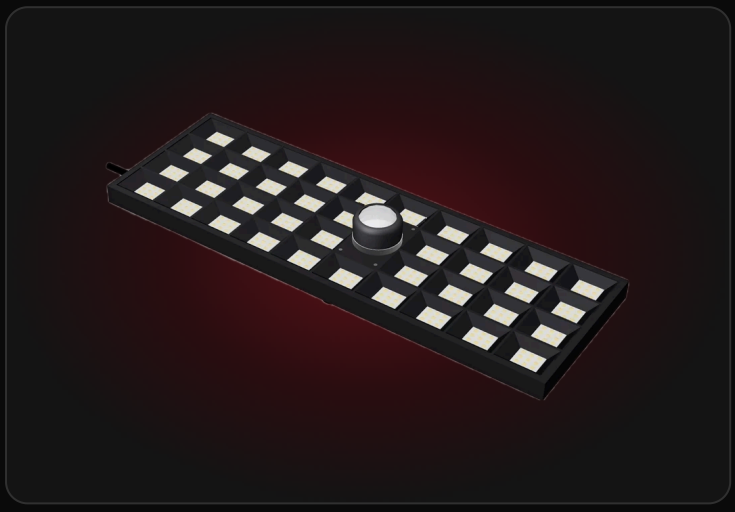
DeinFlutlicht

DATASHEET · SERIES 07

07v6: low-glare LED high-bay luminaire

Riding halls, sports halls, exhibition areas, industrial and commercial halls. Extremely low-glare.



100–200 W POWER	**17,000–32,000 lm** EFFECTIVE LUMINOUS FLUX
3000 / 4000 / 5000 K COLOUR TEMPERATURE	**IP65 / IK08** INGRESS PROTECTION

Description

The 07v6 is a slim, rectangular LED high-bay luminaire with 100 to 200 W and up to 170 lm/W. The optics are recessed into the frame, so it causes particularly little glare. It is ball-impact resistant and dimmable via 0–10 V, and the EFS106W sensor can be retrofitted at any time.

Application

- Ice rink lighting
- Indoor hockey lighting
- Riding hall lighting
- Indoor tennis and padel hall

Features

- Rectangular, slim design, several luminaires can be screwed together
- Optics recessed into the frame, extremely low-glare
- Bracket for ceiling and wall mounting, tilt and side angle continuously adjustable
- Integrated spirit level for horizontal alignment
- Dimmable via 0–10 V, sensor EFS106W can be retrofitted (not included in delivery)
- Cast aluminium housing, painted black, operating range −40 °C to +50 °C
- Ball-impact resistant
- Protection rating IP65, impact resistance IK08
- 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.

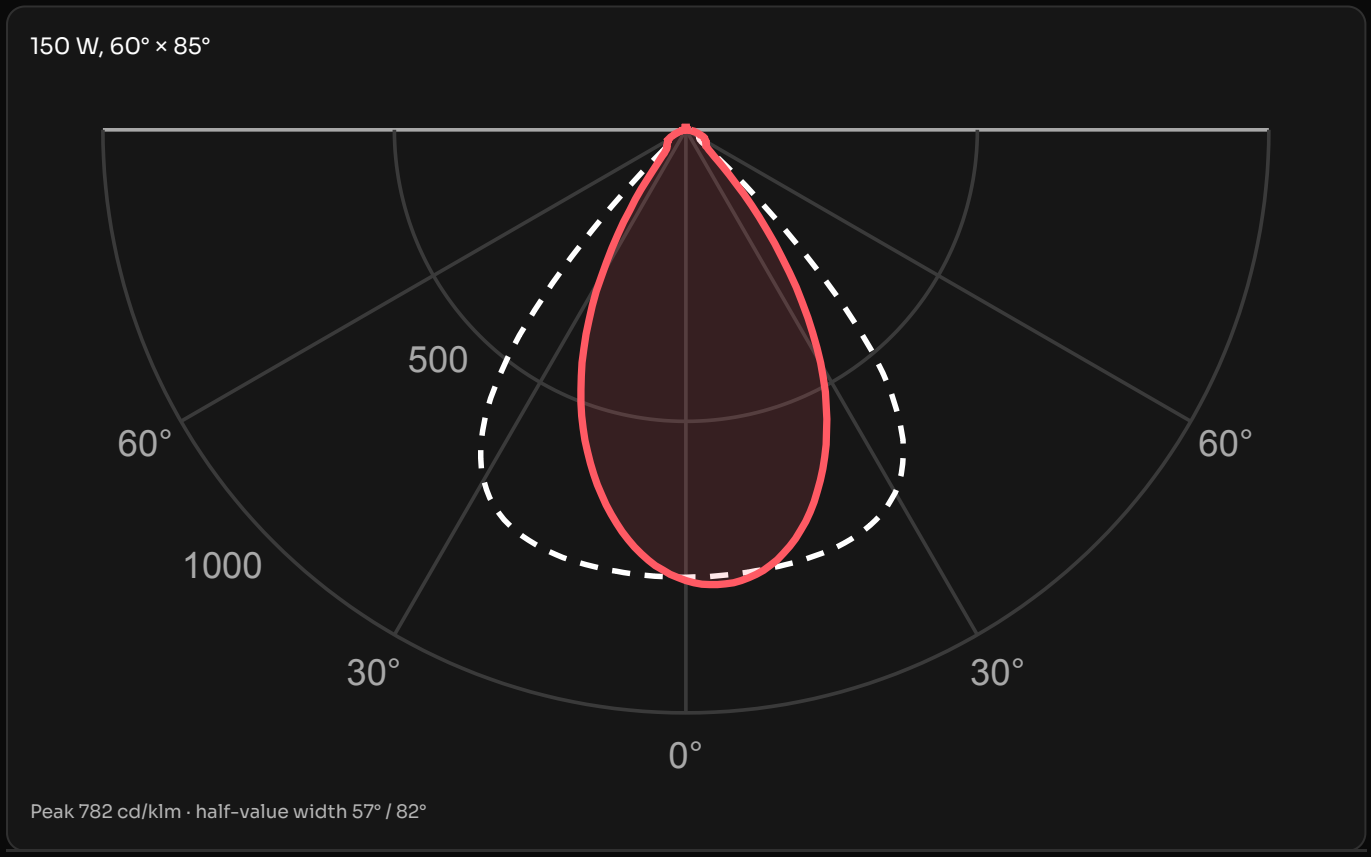
Technical data

Design	Rectangular luminaire, 600 × 200 × 98 mm
Power	100–200 W
Luminous flux (effective)	17,000–32,000 lm
Colour temperature	3000 K, 4000 K, 5000 K
Optics	60° × 85°
Colour rendering	CRI > 80
Weight	4.25 kg
Dimensions	600 × 200 × 98 mm
Ingress protection	IP65 / IK08

Variants

Power	Efficiency	Luminous flux
100 W	170 lm/W	17,000 lm
150 W	165 lm/W	27,450 lm
200 W	160 lm/W	32,000 lm

Light distribution



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,