

## MAJOR **RALED**FLOOD® 120-4 engineered by LANZ



The patented, highly efficient and solid LED floodlight **RALED**FLOOD® 120-4 offers extraordinary savings potential in energy and electricity costs. It is low-maintenance, durable and illuminates the playground brightly, evenly and with a high quality of light for many years. The **RALED**FLOOD® 120-4 meets the requirements of all major sports federations.

The use of a modern and efficient COB-LED in combination with a custom-made, high-quality reflector and individually adjustable lamp heads breaks new ground in floodlighting technology. Thanks to its clever design, the **RALED**FLOOD® 120-4 meets the requirements worthy of funding for a bright, uniform and glare-free floodlighting system.

Furthermore, thanks to its enormous effectiveness, the floodlight offers additional savings potential for the future. In addition to purchase or retrofitting, operating and maintenance costs in the coming years are particularly important for a correct calculation of the economic efficiency of floodlighting systems. This is where the **RALED**FLOOD® 120-4 scores, because its remarkably low energy consumption over many years of use and minimal maintenance requirements allow for an economically successful operation of the floodlight.

### Technical Data

System Power	320 W
Color Temperature	5,700 K
Color Rendering	> 80 (CRI)
Ball Impact Resistant	yes
Protection Class	IP65
Weight	9.6 kg
Dimensions	320 x 260 x 350 mm
Power Supply Unit	external
Life Span according to DIN EN 62717: 2018-04/L80 B10	≥ 75,000 h

When using 16x **RALED**FLOOD® 120-4 on a 4, 6 or 8 pole system, the requirements for lighting class III according to DIN EN 12193 with 75 lux are fulfilled. The total power consumption under full load is only 5.12 kW.