

PRODUCT NO. 5448-030106

**DOTLUX LED floodlight HLFsport 1600W 3000K dimmable 106\*15° beam angle**



to the product page

The compact high-performance floodlight HLFsport is ideal for sports fields and soccer pitches.

- Optimized, asymmetric light control enables glare-free game operation and insect protection ULR<0 with reduced number of floodlights at the same time
- Protection of neighbors from stray light due to special lens geometry
- Corrosion-resistant, powder-coated cast aluminum housing with pressure compensation and high IP/IK protection (IP66/IK08)
- Dali dimmable and therefore compatible with our radio receiver Art. 5007-1 ideal for retrofitting existing installations
- 7 years DOTLUX warranty with an above average lifetime: L80>90.000h
- Very high operational safety with integrated overvoltage protection 20kV
- This luminaire is flicker-free and therefore also suitable for high-definition (HD) television recordings
- Sustainable product design due to easily replaceable components
- Other light colors can be ordered from 1pc onwards
- The floodlight can also be dimmed via DMX. But must be specified when ordering.

<b>SUCCESSION ARTICLE</b>	-	<b>PROTECTION CLASS (IP)</b>	IP66
<b>WEIGHT IN KG</b>	32	<b>LIGHT COLOR</b>	white
<b>POWER CONSUMPTION IN WATTS</b>	1600	<b>INPUT VOLTAGE</b>	200 - 420V AC
<b>NET LUMINOUS FLUX IN LUMENS</b>	193715	<b>SERVICE LIFE</b>	approx. ca. 90.000 h at 25° C
<b>LUMEN PER WATT</b>	121	<b>COLOR TEMPERATURE IN KELVIN</b>	3000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 70
		<b>POWER FACTOR</b>	0,95
		<b>INRUSH CURRENT IN A</b>	0
		<b>LUMEN PER WATT</b>	121
		<b>PROTECTION CLASS</b>	I
		<b>HOUSING COLOUR</b>	black
		<b>SWITCH CYCLES</b>	>180,000
		<b>OVERVOLTAGE PROTECTION</b>	20000
		<b>INPUT VOLTAGE SPAN</b>	200-420
		<b>WARRANTY IN YEARS</b>	7
		<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	200-420
		<b>ASSORTMENT</b>	Proline
		<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
		<b>ETIM GRUPPEN-ID</b>	EC001744
		<b>MATERIAL COVER</b>	Glass transparent
		<b>DIMMING DALI</b>	Yes
		<b>NO DIM FUNCTION</b>	No
		<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>Dimensions</b>			
<b>length:</b>	756mm		
<b>width:</b>	538mm		
<b>height:</b>	913mm		

<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>PULSE DURATION IN <math>\mu</math>S</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	D
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No