

PRODUCT NO. 5448-040106

**DOTLUX LED floodlight HLFsport 1600W 4000K dimmable 106\*15° beam angle**



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- The compact HLFsport high-performance floodlight is ideal for sports and soccer pitches,
- Optimized, asymmetrical light control enables glare-free match operation and insect protection ULR<0 with a reduced number of floodlights at the same time
- Protection of neighbors from stray light thanks 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 systems
- with an above-average service life: L80>90,000h
- Very high operational safety with integrated 20kV overvoltage protection
- This light is flicker-free and therefore also suitable for high-definition television recordings (HD)
- Sustainable product design thanks to easily replaceable components
- Other light colors can be ordered from 1pc
- The floodlight can also be dimmed via DMX. However, this must be specified when ordering.

<b>PRODUCT GROUP</b>	EC001744_Downlight/Strahler/Flutlicht	<b>PROTECTION CLASS (IP)</b>	IP66
<b>SUCCESSION ARTICLE</b>	-	<b>LIGHT COLOR</b>	white
<b>WEIGHT IN KG</b>	32.49	<b>INPUT VOLTAGE</b>	200 - 420 AC
<b>LUMEN PER WATT</b>	124	<b>SERVICE LIFE</b>	approx. ca. 90.000 h at 25° C
<b>POWER CONSUMPTION IN WATTS</b>	1600	<b>COLOR TEMPERATURE IN KELVIN</b>	4000
<b>NET LUMINOUS FLUX IN LUMENS</b>	199700	<b>COLOR-RENDERING-INDEX</b>	CRI > 70
<b>Dimensions</b>		<b>POWER FACTOR</b>	0,95
<b>height:</b> 250mm		<b>INRUSH CURRENT IN A</b>	0
<b>length:</b> 700mm		<b>LUMEN PER WATT</b>	124
<b>width:</b> 756mm		<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 AC
		<b>WARRANTY IN YEARS</b>	7
		<b>L80/B10</b>	90000
		<b>SUITABLE FOR MOUNTING</b>	No
		<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	200 - 420 AC
		<b>ASSORTMENT</b>	Proline
		<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
		<b>LIFETIME L80/B10 AT 25°C</b>	90000
		<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	180000

<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	No
<b>MATERIAL COVER</b>	Glass transparent
<b>TYPE OF CONTROL GEAR</b>	LED operating device current-controlled
<b>WITH CONTROL GEAR</b>	Yes
<b>DIMMING DALI</b>	Yes
<b>NO DIM FUNCTION</b>	No
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>TYPE OF WIRING</b>	Ending
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	No
<b>LAMP TYPE</b>	LED not exchangeable
<b>DIMMING DALI-2</b>	Yes
<b>LIFETIME L70/B50 AT 25°C</b>	180000
<b>LIFETIME L90/B10 AT 25°C</b>	45000
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	D
<b>ELDAS-NR.</b>	941005929
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	1600
<b>ABMESSUNGEN BREITE MM</b>	756
<b>ABMESSUNGEN HÖHE MM</b>	250
<b>NOMINAL VOLTAGE IN V</b>	400
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	2
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	2
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE</b>	Open beam/diffuse