

PRODUCT NO. 5529-040131

**DOTLUX LED floodlight HLFsport 800W 4000K 1-10V dimmable 131\*24° beam angle**



to the product page

- The compact HLFsport high-performance floodlight is ideal for sports fields 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 professional lens geometry
- Corrosion-resistant, powder-coated cast aluminum housing with pressure compensation and high IP/IK protection (IP66/IK08)
- 1-10V 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.
- The power supply unit can be mounted directly on the floodlight or close to the ground on the pole.
- Mounting set for pole mounting Art.5531
- Other light colors can be ordered from 1pc

<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>	18.9	<b>INPUT VOLTAGE</b>	220 - 240 AC
<b>LUMEN PER WATT</b>	130	<b>SERVICE LIFE</b>	approx. ca. 90.000 h at 25° C
<b>NET LUMINOUS FLUX IN LUMENS</b>	104100	<b>COLOR TEMPERATURE IN KELVIN</b>	4000
<b>POWER CONSUMPTION IN WATTS</b>	800	<b>COLOR-RENDERING-INDEX</b>	CRI > 70
		<b>POWER FACTOR</b>	0,92
		<b>INRUSH CURRENT IN A</b>	0
		<b>IK PROTECTION</b>	IK08
<b>Dimensions</b>		<b>LUMEN PER WATT</b>	130
<b>width:</b> 294mm		<b>PROTECTION CLASS</b>	I
<b>height:</b> 536mm		<b>VOLTAGE TYPE</b>	AC/DC
<b>length:</b> 702mm		<b>HOUSING COLOUR</b>	black
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>SWITCH CYCLES</b>	>180,000
		<b>OVERVOLTAGE PROTECTION</b>	20000
		<b>INPUT VOLTAGE SPAN</b>	176-240 AC/DC
		<b>WARRANTY IN YEARS</b>	7
		<b>L80/B10</b>	90000
		<b>SUITABLE FOR SURFACE MOUNTING</b>	Yes
		<b>SUITABLE FOR MOUNTING</b>	No
		<b>DIMMING WITHOUT DIMMER</b>	No
		<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	176-240 AC/DC
		<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>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	Yes
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	Yes
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	No
<b>SUITABLE FOR NUMBER OF LIGHT SOURCES</b>	2
<b>LAMP HOLDER</b>	-
<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 0-10 V</b>	No
<b>DIMMING 1-10 V</b>	Yes
<b>DIMMING DALI</b>	Yes
<b>DIMMING DMX</b>	Yes
<b>DIMMING DSI</b>	No
<b>DIMMING POTENTIOMETER (INTEGRATED)</b>	No
<b>DIMMING LINESWITCH</b>	No
<b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>	No
<b>DIMMING MAINS VOLTAGE MODULATION</b>	No
<b>DIMMING PHASE CUT-OFF</b>	No
<b>DIMMING PROGRAMMABLE</b>	Yes
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	No
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	Yes
<b>NO DIM FUNCTION</b>	No
<b>LIGHT DISTRIBUTOR</b>	Refractor lens
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>IMPACT STRENGTH</b>	IK08
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	No
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	No
<b>WITH MOVEMENT SENSOR</b>	No
<b>WITH LIGHT SENSOR</b>	No
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>TYPE OF WIRING</b>	Ending
<b>OPERATION BY BLUETOOTH</b>	Yes
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>IFTTT SUPPORT AVAILABLE</b>	No

<b>REFLECTOR</b>	-
<b>SUITABLE FOR LOW VOLTAGE CABLE SYSTEM</b>	Yes
<b>SUITABLE FOR CLAMP-MOUNTING</b>	Yes
<b>SUITABLE FOR LIGHT-TRACK MOUNTING</b>	No
<b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>	Yes
<b>SUITABLE FOR TRAVERSE MOUNTING</b>	Yes
<b>EXCHANGEABLE CONTROL GEAR</b>	No
Suitable for lamp power in w	
<b>LAMP TYPE</b>	LED exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>DIMMING DALI-2</b>	Yes
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<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>	941005399
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	800
<b>LUMINOUS FLUX IN LM</b>	104100
<b>ABMESSUNGEN BREITE MM</b>	294
<b>ABMESSUNGEN HöHE MM</b>	536
<b>NOMINAL VOLTAGE IN V</b>	230
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	2
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	2
<b>LIGHT SHARING</b>	Asymmetric
<b>LIGHT OUTLET</b>	Direct
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>ADJUSTABILITY</b>	Rotating and swivelling
<b>BEAM ANGLE</b>	Open beam/diffuse