

PRODUCT NO. 5448-040131

DOTLUX LED floodlight HLFsport 1600W 4000K dimmable 131°*24° beam angle



to the product page

- The compact HLFsport high-performance floodlight is ideal for sports and soccer pitches
- Optimized, asymmetrical light control enables glare-free match operation and ULR<0 insect protection while reducing the number of floodlights
- 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.

PRODUCT GROUP	EC001744_Downlight/Strahler/Flutlicht	PROTECTION CLASS (IP)	IP66
SUCCESSION ARTICLE	-	LIGHT COLOR	white
WEIGHT IN KG	32.35	INPUT VOLTAGE	200 - 420 AC
NET LUMINOUS FLUX IN LUMENS	204850	SERVICE LIFE	approx. ca. 90.000 h at 25° C
POWER CONSUMPTION IN WATTS	1600	COLOR TEMPERATURE IN KELVIN	4000
LUMEN PER WATT	128	COLOR-RENDERING-INDEX	CRI > 70
Dimensions		POWER FACTOR	0,95
width: 756mm		INRUSH CURRENT IN A	0
height: 250mm		LUMEN PER WATT	128
length: 700mm		PROTECTION CLASS	I
		HOUSING COLOUR	black
		SWITCH CYCLES	>180,000
		OVERVOLTAGE PROTECTION	20000
		INPUT VOLTAGE SPAN	200-420 AC
		WARRANTY IN YEARS	7
		L80/B10	90000
		SUITABLE FOR MOUNTING	No
		INPUT VOLTAGE RANGE LUMINAIRE	200-420 AC
		ASSORTMENT	Proline
		ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
		LIFETIME L80/B10 AT 25°C	90000
		LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	180000

SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
MATERIAL COVER	Glass transparent
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	Yes
DIMMING DALI	Yes
NO DIM FUNCTION	No
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
TYPE OF WIRING	Ending
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
EXCHANGEABLE CONTROL GEAR	Yes
LAMP TYPE	LED exchangeable
DIMMING DALI-2	Yes
LIFETIME L70/B50 AT 25°C	180000
LIFETIME L90/B10 AT 25°C	45000
PULSE DURATION IN µS	0
BEG FUNDING	only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	D
ELDAS-NR.	941005969
DIAMETER IN MM	0
MAX. SYSTEM POWER IN W	1600
ABMESSUNGEN BREITE MM	756
ABMESSUNGEN HÖHE MM	250
NOMINAL VOLTAGE IN V	400
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	2
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	2
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE	Open beam/diffuse