

HB LED 800 D60 5000K /E/

Luminaires of HB series



Description

A series of LED floodlights is designed on HB LED modular base. For installation on high-altitude masts or poles in open big-scale production spaces, construction careers and training sports grounds.

Installation

Surface mounting using an U-bracket (lyra). The bracket can resist from wind loads to the floodlight at high-altitude installation. Modules can be tilted 0° to 160° relative to the U-bracket (tilt step 20°). Can be suspended.

Design

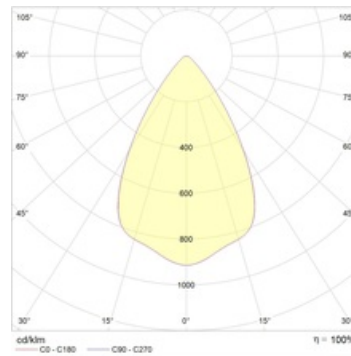
Floodlights are designed based on 4 and 8 HB LED modules. Metallic powder coated die-cast aluminum housing. Moduls and mounted on a steel frame, painted same color. Adjustable U-bracket (lyra) secured to the frame.

Optical part

PMMA (15/30) and polycarbonate (40/60/80) lenses.

Package

Luminaire assembly. Mounting device (u-bracket - lyra) and an electric connector are included in delivery kit.



Dimensional characteristics

A	Length	880 mm
B	Width	535 mm
C	Height	360 mm
D	Length (mounting)	320 mm
E	Width (mounting)	100 mm
	Weight	37 kg

Technical features

1	Article no.	1997027060
2	Light source	LED
3	Luminous flux	93100 lm
4	Power compatibility	836 W
5	Energy efficiency	111 lm/W
6	Color rendering index (CRI)	>70
7	Color temperature	5000 K
8	Power factor (cosFI)	> 0,96
9	Alternating/direct current (AC/DC)	Yes
10	Dimming	-
11	Rated voltage	230 V
12	Electrical shock protection	I
13	Electromagnetic compatibility (EMC)	Yes
14	Climate application	Clm App1
15	Ambient temperature	-40 to +50 C
16	Housing color	Metallic
17	Fire protection class	II
18	Flickering	<5%
19	Ingress protection (IP)	IP65
20	Mechanical shock protection	IK10/20 J
21	Energy efficiency class	A+
22	Inrush current	65 A
23	Inrush current impulse time	250 µs
24	Emergency power supply unit	No
25	Beam angle	D60
26	Warranty	60 months
27	Autonomy in emergency mode	-
28	Light flux in emergency mode	-
29	Color of light	Белый