

VOLTEX®

INSTALLATION GUIDE

LED Flood Lights

16W, 24W, 50W, 72W, 120W and 200W



Overview

- LED flood light for general area lighting
- Asymmetric light distribution to direct the light forward
- High efficiency LED light source and driver
- Corrosion resistant aluminum die-casting body, aluminium bracket, and stainless-steel screws
- IP66 rating

NOTE: Not suitable for MARINE applications

Installation

- 1 Fasten the flood light bracket to the mounting surface with stainless steel bolts or similar suitable mounting accessories
- 2 Adjust the flood light to direct the light output as required, then tighten the adjustment screws on each side of the flood light
- 3 If hard-wiring the flood light, remove the 3-pin plug and connect the cable as follows:
 - Brown – Active/Live
 - Blue – Neutral
 - Yellow/Green – Earth
- 4 All hard-wiring connections must be protected by means of a suitable IP rated junction box or connector
- 5 Ensure the flex is installed to minimise tension at all connection points

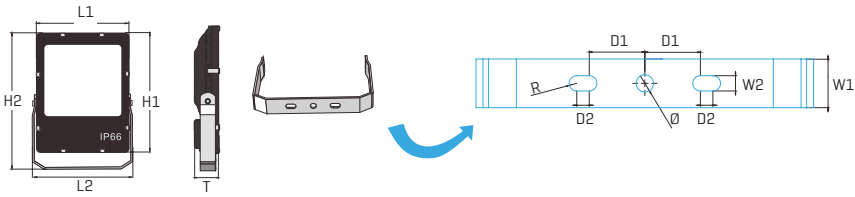
Note: All fixed wiring must be carried out by a licensed electrician.

Technical specification

Light Source	LED
Driver	Housed internally. Non-Dimmable
Colour Temperature	Cool White [5700K], Warm white [3000K]
Beam Angle	120°
Life Span	>50,000 hours
IP Rating	IP66
Housing Colour	Black
Glass Fascia	Tempered, semi-frosted
Working Temperature	-20C to +50C
Connection Cable	2m flex and plug

Product Code	Power [W]	H [mm]	W [mm]	D [mm]	Lumen output [lm]	Efficiency [lm/W]	Net weight [kg]
FLB-CW/16W FLB-WW/16W	16	205	135	42	1600-1800	100-110	1.1
FLB-CW/24W FLB-WW/24W	24	251	170	45	2400-2700	100-110	1.6
FLB-CW/50W	50	330	225	55	5000-5500	100-110	3.1
FLB-CW/72W	72	372	250	75	7000-7900	100-110	4.8
FLB-CW/120W	120	450	340	75	12000-13000	100-110	5.8
FLB-CW/200W	200	450	340	90	21000-22400	100-110	7.8

Dimensions



Product Code	H1	H2	L1	L2	T	D1	D2	W2	R	Ø
FLB-CW/16W FLB-WW/16W	175	205	135	150	42	31	8	8.5	4.25	8.5
FLB-CW/24W FLB-WW/24W	220	251	170	200	45	35	9	10.5	5.25	10.5
FLB-CW/50W	290	330	225	243	55	40	9	11	5.5	12.5
FLB-CW/72W	330	372	250	265	75	40	9	11	5.5	12.5
FLB-CW/120W	400	450	340	360	75	48	20	13	6.5	13
FLB-CW/200W	400	450	340	360	90	48	20	13	6.5	13

Maximum surface area of the flood light

Product Code	Surface Area
FLB-CW/16W FLB-WW/16W	0.024mm ²
FLB-CW/24W FLB-WW/24W	0.037mm ²
FLB-CW/50W	0.065mm ²
FLB-CW/72W	0.083mm ²
FLB-CW/120W	0.136mm ²
FLB-CW/200W	0.136mm ²

Dimension of Tempered Glass

Product Code	H [mm]	W [mm]	D [mm]
FLB-CW/16W FLB-WW/16W	165	128	4
FLB-CW/24W FLB-WW/24W	213	163	4
FLB-CW/50W	283	218	4
FLB-CW/72W	320	242	4
FLB-CW/120W	390	332	5
FLB-CW/200W	390	332	5

Orientation

The flood light can be installed on a wall, ceiling, or horizontal surface, as shown below.





IMPORTANT NOTES

- **All fixed wiring and installation must be carried out by a licensed electrician.**
- The light source of this flood light is not replaceable; when the light source reaches its end of life, the whole flood light must be replaced.
- If the supplied connection flex is damaged on arrival, please return the flood light to Voltex. Do not disassemble the flood light to replace the flex.
- Do not use chemicals or corrosive cleaners to clean the flood light.
- The flood light must be Earthed.
- The minimum distance from flammable objects to flood light must be kept at least 0.3m.
- If the glass fascia is damaged, do not replace. Please return to Voltex.
- The non-rewireable mains plug provided for connection of the flood light to the supply does not have the equivalent IP rating of the flood light. Where the equivalent degree of protection is required, remove the non-rewireable plug and replace it with a suitably rated plug/socket combination or connect the lead [tails] to fixed wiring by means of a suitably rated junction box.