FLOOD LIGHT

CLFA/B-U Series

by PolyBrite International, Inc.

BOREALIS™ SM
INNOVATIVE **LED** LIGHTING

The **CLFA/B-U** fixture is a versatile LED solution with full 360 degree rotation, providing exacting illumination performance, available in a wide range of power levels to suit your requirements.
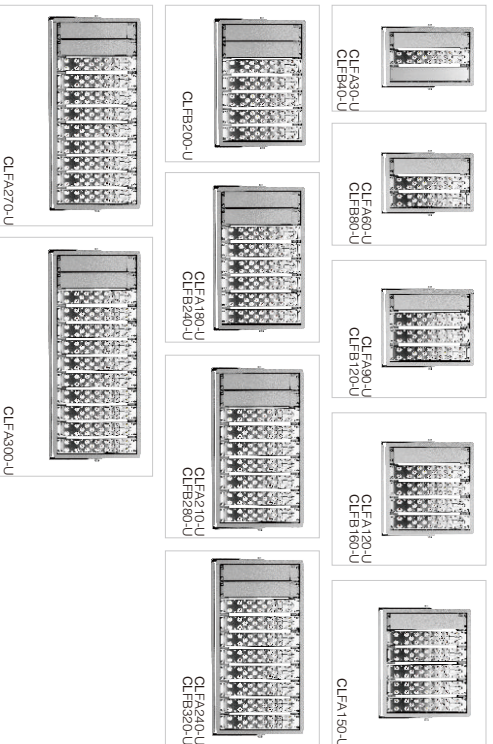
FEATURES & BENEFITS

- Modular design allows for easy installation, replacement and maintenance. This design also creates a chimney effect which provides exceptional thermal management.
- Corrosion resistant polyester powder painted 100μm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ISO 9227:2012.
- Over 20 optical lenses are available for virtually any application.
- Extremely flexible with full 360 degree rotation.
- Interchangeable with the other **CLFA/B** Series with a bracket change.
- Multiple smart lighting control options are available, e.g. photocell, motion sensor, DALI, 1-10V.
- UL/ CUL/ DLC/ LM79/ SAA/ ENEC/ CB/ CE/ ErP/ RoHS / IK08

Not all products are qualified on the DLC QPL. To view our DLC qualified products please consult the DLC Qualified Product List at www.designlights.org

CLFA270-U

CLFA300-U

CLFB200-U

CLFA30-U
CLFB40-U

CLFA60-U
CLFB80-U

CLFA90-U
CLFB120-U

CLFA120-U
CLFB160-U

CLFA150-U

CLFA180-U
CLFB240-U

CLFA210-U
CLFB280-U

CLFA240-U
CLFB320-U

TECHNICAL PARAMETERS

Power	30-320W
Input	120-277VAC or 220-240VAC or 347-480VAC
PF	>0.95
THD	<20%
L70/L90	>200,000H/>60,000H
Operating Temperature	-40°C ~ +50°C
Efficacy	120-160lm/W
ANSI CCT	3000K/4000K/5000K/5700K
Min CRI	70* or 80 or 90
IP Rating	IP67
SPD	Optional
DALI	Optional
1-10V	Optional
Photocell	Optional
Smart Control	Optional
Optic (IESNA)	Type II, Type III, Type IV, Type V
Color Options	Grey/Black/Bronze/White

* Standard

ORDERING INFORMATION

MODEL (Nominal Power)		MOUNTING	OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
120-277VAC or 220-240VAC (30W/module)	**120-277VAC or 220-240VAC (40W/module)**						
CLFA30	CLFB40	U	T2M	★ 30K	★ BK	00 Not required	Bird Spike
CLFA60	CLFB80		T3M	★ 40K	GR	01 Photocell	10KA/20KA Surge Protection Device
CLFA90	CLFB120		T3L	★ 50K	BZ	02 Motion Sensor	Back Light Shield
CLFA120	CLFB160		T4S	57K	WH	03 Photocell + Motion Sensor	Safety Cable
CLFA150	CLFB200		T4M			04 DALI	
CLFA180	CLFB240		T5U			05 1-10V dimming	
CLFA210	CLFB280		T5U				
CLFA240	CLFB320		T5V				
CLFA270			T5W				
CLFA300			T5S				
			T5M				
			T5L				
			T5X				
			T5L				
			T5D				

Example : CLFA30-U-T2M-50K-GR-03

★ Regularly stocked item

* DALI & Motion sensor unavailable

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