

# Pauluhn DFLA LED floodlights

Pauluhn DFLA LED floodlights are designed to provide full-spectrum, crisp, white light for maximum visibility. Three versions are available, from 11,000 to 15,000 lumens, providing ideal solutions for a wide range of drilling applications.

Model number	Nominal lumens*	Wattage	Lumens per watt	Equivalent HID luminaire	
DFLA11L	11,776	82	144	320W	
DFLA13L	13,362	93	143	400W	
DFLA15L	15,183	108	140	500W	

\*Tolerance +/- 10%; @120 VAC, 25°C ambient, 7x6 optics.

#### **Primary applications**

- Platform and perimeter lighting for land and marine drilling rigs
- Hazardous outdoor area lighting in land-based and offshore rigs; areas include: derrick, mast, SCR house, top drive, operator's house, pump and power stations

#### **Design features**

**Rugged design** - Engineered to perform in ambient temperatures up to  $+55^{\circ}$ C and as low as  $-40^{\circ}$ C.

High efficiency - Engineered to deliver up to 140+ lumens per watt.

**Full-frame yoke** - Designed to utilize the SFA6 slipfitter, SWB6 wall mount bracket and SC30H safety cable, making it ideal for retrofit or new installations.

**Custom optics -** Standard 7x6 pattern provides maximum light distribution.



Smaller footprint and reduced weight versus previous generation floodlights.

#### **Electrical ratings**

Model number	Input power (watts)	Input amps at 120-277 VAC		
DFLA11L	81-84	0.84 - 0.30		
DFLA13L	91-95	0.95 - 0.34		
DFLA15L	107-113	1.12 - 0.40		

#### DFLA11L - DFLA15L

Voltage range, VAC	100-277V @ 50/60 Hz; 347-480V @ 50/60 Hz
Voltage range, VDC	127-250V
Power factor	>0.9

## Certifications & compliances NEC and CEC:

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Groups E, F, G
- Class III
- Simultaneous Presence
- Wet Location, Type 4X, IP66

#### UL Standards:

 UL844; UL1598; UL1598A; UL8750



# **Ordering information**

### Part number example

# DFLA11LCY-UNV1-76-M20-S891-BZ

Pauluhn DFLA floodlight, 11,776 lumens, cool white, yoke mount, 100-277 VAC driver, 20mm entry, diffused glass lens, bronze paint

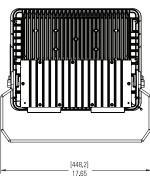
DFLA	<u>11L</u>	<b>C Y</b>	- <u>U</u>	<u>VV1</u> -	76	- M20	-	<b>S89</b>	1 -	BZ
Light source/inter	nsity		Voltage	•	_	Entries	_		Paint	
11L 11,776 nomin   13L 13,362 nomin   15L 15,183 nomin	al lumens*			00 - 277 VAC, 50/60 H 27 - 250 VDC 47-480 VAC, 50/60 Hz		BLANK ¾" NPT   M20 20mm   M25 25mm	「		BLANK BZ WH	Gray Bronze White
7x6 model Color temperatur	e		Optical di		•	_		naterial		
► 5000K, 70 CR   N 3000K, 70 CRI		•		6 floodlight pattern o 3 floodlight pattern o			BLANK S891 S903	Diffused	iss lens glass lens onate lens	
Mount			Accessorie BLHN	<b>es <i>(ordered sep</i></b> Bull horn, gray	Darately)	Bolt-on visor	SFA	6 Slip	fitter	_
Y Yoke			BLHN-BZ BLHN-WH	Bull horn, bronze Bull horn, white	P62 SC831	Bolt-on wire guard Safety cable	SW	<b>B6</b> Slip	fitter wall m	iount

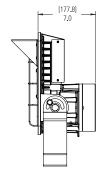
#### Replacement driver kits (ordered separately)

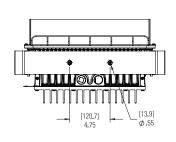
FMVA 9-11-13L UNV1 DRIVER KIT	UNV1 replacement driver kit for 9L, 11L and 13L models	
FMVA 15L UNV1 DRIVER KIT	UNV1 replacement driver kit for 15L model	
FMVA 9L-11L UNV34 DRIVER KIT	UNV34 replacement driver kit for 9L and 11L models	
FMVA 13L-15L UNV34 DRIVER KIT	UNV34 replacement driver kit for 13L and 15L models	

### Weight and dimensions

	Weight (	lbs.) Length (in.)	Width (in.)	Height (in.)
All models	32	15.5	7.0	12.0







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