

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°C and as low as -40°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.



DFLA11L – 15L
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



Powering Business Worldwide

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 11L C Y - UNV1 - 76 - M20 - S891 - BZ

Light source/intensity

11L	11,776 nominal lumens*
13L	13,362 nominal lumens*
15L	15,183 nominal lumens*

*7x6 model

Color temperature

C	5000K, 70 CRI (cool white)
W	3000K, 70 CRI (warm white)

Mount

Y	Yoke
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Voltage

UNV1	100 - 277 VAC, 50/60 Hz; 127 - 250 VDC
UNV34	347-480 VAC, 50/60 Hz

Optical distribution

76	7x6 floodlight pattern optics
33	3x3 floodlight pattern optics

Entries

BLANK	¾" NPT
M20	20mm
M25	25mm

Paint

BLANK	Gray
BZ	Bronze
WH	White

Lens material

BLANK	Clear glass lens
S891	Diffused glass lens
S903	Polycarbonate lens

Accessories (ordered separately)

BLHN	Bull horn, gray	DSV2	Bolt-on visor	SFA6	Slipfitter
BLHN-BZ	Bull horn, bronze	P62	Bolt-on wire guard	SWB6	Slipfitter wall mount
BLHN-WH	Bull horn, white	SC831	Safety cable		

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

