

Pauluhn DFLA

high lumen LED floodlights

Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zone 2
Cl. II, Div. 1, Groups E, F, G

UL Listed
CSA Certified
Type 4X; IP66

6L

Pauluhn™ DFLA high lumen LED floodlights are designed to provide full-spectrum, crisp, white light. Two versions of the DFLA are available, in 20,500 and 25,500 lumen models, providing ideal solutions for a wide range of drilling applications.

Model	Nominal lumens	Watts ^A	Equivalent MH luminaire	Typical energy savings / lifetime
DFLA20L	20,500	175	600W-750W	Up to 78% reduction in energy costs and 120,000 hours of continuous operation
DFLA25L	25,500	216	750W-1000W	

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

Features:

- Rugged design – engineered to perform in ambient temperatures from -40°C to +55°C
- High efficiency – engineered to deliver 117+ lumens per watt
- Full-frame yoke^B – designed to utilize the SFA6 slipfitter and SWB6 wall mount bracket, making it ideal for retrofit or new installations
- Custom optics – standard 7x6 pattern provides maximum light distribution
- 5 year fixture warranty

Certifications and compliances:

NEC/CEC:

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Division 1, Groups E, F, G
- Type 4X, IP66

UL standards:

- UL844; UL1598; UL1598A

CSA standard:

- CSA C22.2 No. 137

Electrical ratings:

Model	Input power (watts)	Input amps at 100-277 VAC
DFLA20L	171 - 175	1.76 - 0.67
DFLA25L	204 - 216	2.18 - 0.80

DFLA20L, DFLA25L

Voltage range, VAC	100-277V at 50/60 Hz; 347-480V at 60 Hz
Voltage range, VDC	127-300V at 50/60 Hz
Power factor	>0.90



39% lighter than the previous design and the same small footprint as our existing Pauluhn DFL11L and DFL13L models

Photometrics:

- Complete photometrics can be found at www.crouse-hinds.com/photometrics

^A UNV1 at 120 VAC.

^B SFA6 slipfitter and SWB6 wall mount bracket sold separately.

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Ordering information:

Part number example

DFLA20LCY/UNV1 76 S891 BZ

DFLA 20L C Y /UNV1 76 S891 BZ

Light source / intensity

20L	20,500 nominal lumens
25L	25,500 nominal lumens

Color temperature

C	Cool white (5000K, 70 CRI)
W	Warm white (3000K, 80 CRI)

Mounting style

Y	Yoke
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Voltage

/UNV1	100-277 VAC, 50/60 Hz; 127-300 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 color

BLANK	Gray
BZ	Bronze
WH	White

Lens material

S891	Diffused glass lens
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Accessories (ordered separately):

Description

Description	Cat. #
• Bull horn, 2 tenon, gray	BLHN2
• Bull horn, 2 tenon, bronze	BLHN-BZ2
• Bull horn, 2 tenon, white	BLHN-WH2
• Bull horn, 3 tenon, gray	BLHN3
• Bull horn, 3 tenon, bronze	BLHN-BZ3
• Bull horn, 3 tenon, white	BLHN-WH3

Description

Description	Cat. #
• Bolt-on visor	DSV2
• Bolt-on wire guard	P62
• Safety cable	SC831
• Slipfitter	SFA6
• Slipfitter wall mount adapter	SWB6
• Slipfitter (bronze painted)	SFA6B
• Slipfitter wall mount adapter (bronze painted)	SWB6B
• Slipfitter (white painted)	SFA6W
• Slipfitter wall mount adapter (white painted)	SWB6W

Weights and dimensions:

	Weight (lbs.)	Length (in.)	Width (in.)	Height (in.)
All models	31.80	15.50	7.00	12.00

