

## Pauluhn DFL hi-lumen LED floodlights

**39% lighter than the previous design and the same small footprint as our existing Pauluhn DFL 11L & 13L models.**

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

Model number	Nominal lumens	Wattage*	Equivalent MH luminaire	Typical energy savings/lifetime
<b>DFLA20L</b>	20,500	175	600W-750W	<b>Up to 78% reduction in energy costs and 120,000 hours of continuous operation!</b>
<b>DFLA25L</b>	25,500	216	750W-1000W	

\*UNV1 at 120 VAC.

### 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 from -40°C to +55°C.

**High efficiency** - Engineered to deliver 117+ lumens per watt.

**Full-frame yoke\*** - 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†**

\* SFA6 slipfitter and SWB6 wall mount bracket sold separately.

† Refer to page 2 of the authorized distributor price book for Crouse-Hinds standard Terms and Conditions.



### Electrical ratings

Model number	Input power (watts)	Input amps at 100-277 VAC	DFLA20L and DFLA25L	
<b>DFLA20L</b>	171 - 175	1.76 - 0.67	<b>Voltage range, VAC</b>	100-277V at 50/60 Hz, 347/480V at 60 Hz
<b>DFLA25L</b>	204 - 216	2.18 - 0.80	<b>Power factor</b>	>0.90

### Certifications and compliances

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Division 1, Groups E, F, G
- Type 4X, IP66
- UL844; UL1598; UL1598A
- CSA C22.2 No. 137

### Weight and dimensions

	Weight (lbs.)	Length (in.)	Width (in.)	Height (in.)
<b>All models</b>	31.8	15.5	7.0	12.0



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# Ordering information

## Part number example

**DLFA20LCY/UNV1 76 S891 BZ**

Pauluhn DFL floodlight, 20,500 lumens, cool white, yoke mount, 100-277 VAC driver, ¾" NPT entry, diffused glass lens, bronze paint

**DLFA 20L C Y /UNV1 76 S891 BZ**

### Light source/intensity

<b>20L</b>	20,500 nominal lumens
<b>25L</b>	25,500 nominal lumens

### Color temperature

<b>C</b>	5000K, 70 CRI (cool white)
<b>W</b>	3000K, 80 CRI (warm white)

### Mount

<b>Y</b>	Yoke
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### Voltage

<b>/UNV1</b>	100 - 277 VAC, 50/60 Hz;
<b>/UNV34</b>	347 - 480 VAC, 50/60 Hz

### Optical distribution

<b>76</b>	7x6 floodlight pattern optics
<b>33*</b>	3x3 floodlight pattern optics

\*Consult factory for availability.

### Entries

<b>BLANK</b>	¾" NPT
<b>M20</b>	20mm
<b>M25</b>	25mm

### Paint

<b>BLANK</b>	Gray
<b>BZ</b>	Bronze
<b>WH</b>	White

### Lens material

<b>S891</b>	Diffused glass lens
<b>S903*</b>	Polycarbonate lens

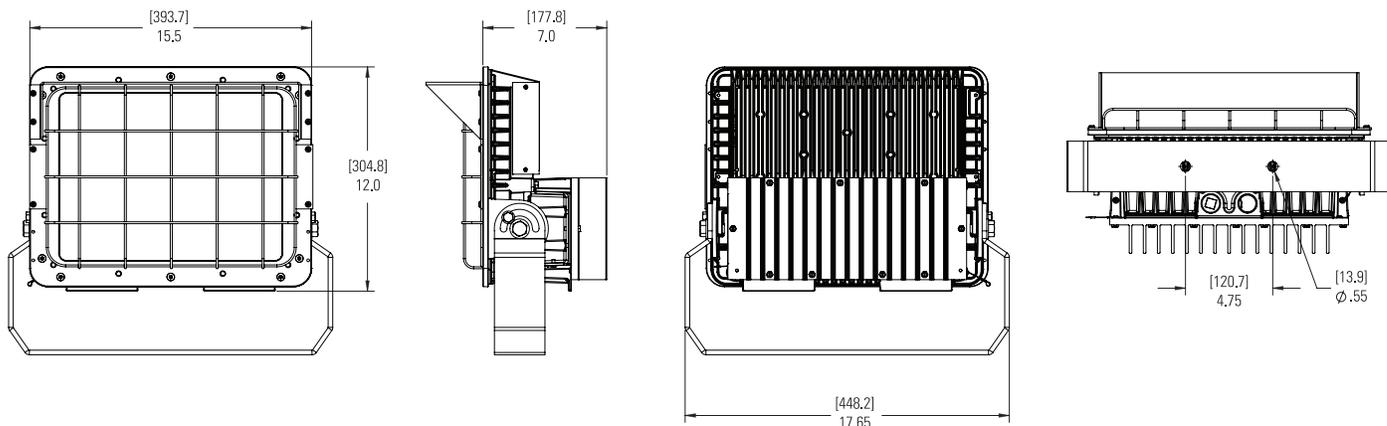
\*Consult factory for availability.

### Accessories (ordered separately)

<b>BLHN2</b>	Bull horn, 2 tenon, gray
<b>BLHN-BZ2</b>	Bull horn, 2 tenon, bronze
<b>BLHN-WH2</b>	Bull horn, 2 tenon, white
<b>BLHN3</b>	Bull horn, 3 tenon, gray
<b>BLHN-BZ3</b>	Bull horn, 3 tenon, bronze
<b>BLHN-WH3</b>	Bull horn, 3 tenon, white

<b>DSV2</b>	Bolt-on visor
<b>P62</b>	Bolt-on wire guard
<b>SC831</b>	Safety cable
<b>SFA6</b>	Slipfitter
<b>SWB6</b>	Slipfitter wall mount

## Dimensions



**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

**Eaton's Crouse-Hinds**  
1201 Wolf Street  
Syracuse, NY 13208  
Crouse-Hinds.com

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