



# MIL-DTL-16377/8

## 301 Series

Overhead Lighting Surface Mount Flush Mount One Lamp Fluorescent

PRODUCT SPECIFICATION

# Overhead Lighting

## 301 Series

The 301 Series is a watertight one lamp fluorescent luminaire designed for general purpose naval lighting in wet maritime environments.

### Mounting

Mounts to ceiling surfaces or flush within them.

### Light Source

One T12 lamp, powered by 120V 60Hz ballast.

### Lens

1/4 in. thick white diffusing lens. Prismatic lens available.

### Housing

Made from sheet aluminum die-formed to shape with cast aluminum ends.

### Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance.

### Cable

Supplied with 10 ft. of LSDHOF-3 cable.

### Standard Mounting

Overall Dimensions: 29-3/16" X 4-7/8" X \*3-13/16".

Net weight: \*8 lbs. 9 oz. maximum.

Approximate shipping weight for package of six: \*54 lbs.

### Pedestal Mounting

Overall Dimensions: 31-9/16" X 7-1/4" X \*3-13/16".

Net weight: \*10 lbs. 8 oz. maximum.

Approximate shipping weight for package of six: \*64 lbs.

### \*NEALS Emergency Unit:

6 1/2" overall depth; add 4 pounds per unit.

Supplied with 10 ft. of LSFHOF-3 Cable.

### Certifications

First Article Qualified.

Standard Mount, White Diffusing Window  
M16377/8-331.1  
NSN 6210-00-548-0598



Flush Mount, Clear/White Prismatic Window  
M16377/8-347.3  
NSN 6210-01-088-6186



MIL-SPEC	SLANT	SYMBOL	one	two	three	four	five
M16377	/	-	-	-	-	-	-

<b>Slant</b>	<b>Electrical Rating</b>	<b>one</b>	<b>Mounting</b>	<b>four</b>	<b>Switch Option</b>
8A	(1) 20W Lamp	F	Flush mount	S	One DPST switch
8B	(1) 17W Lamp	<b>two</b>	<b>Lens</b>	<b>five</b>	<b>Cable option</b>
73	(1) 17W Lamp with Additional Emergency Circuit	P	Prismatic lens	10G	10' low smoke ground cable
<b>Symbol</b>	<b>Mounting</b>	<b>three</b>	<b>Lamp Filter Tube</b>	<i>*Contact factory for more specified options.</i>	
331.1	Standard Mount White Diffusing	A	Amber		
331.2	Flush Mount White Diffusing Window	B	Blue		
347.2	Standard Mount Clear/White Prismatic Window	R	Red		
347.3	Flush Mount Clear/White Prismatic Window				

Replacement Item	L.C. Doane Number	Military Number	NSN
Ballast	P-1739-SP	M16377/72-001	6250-01-465-6716
20W T12 Lamp	P-858-S	-	6240-00-152-2996
White Diffusing lens	B-1467-L	M16377/8-001	6210-00-548-0601
Prismatic lens	B-1726-L	M16377/8-003	6210-01-438-2960
DPST Toggle Switch	P-573-S	MS16569-1	5930-00-719-9659
Shockmount /11A or /11B	B-1591-BS	M16377/41-009	6210-00-973-1747
Shockmount /74	B-1591-CS	M16377/41-008	

Modifications are available to meet custom requirements. Specifications and dimensions are subject to change without notice.