

Large LED Globe Fixture Reference Guide

EFO-X002 • Replaceable for the following part #'s, SYM #'s & NSN's:

SYM	DESCRIPTION	LED ARRAY	LED DRIVER	GLOBE GLASS
112-02	WHITE (clear transparent diffusing)	White	White	White
		PART# 95-15855-01	PART# 42-15037-00	PART# 06-15019-00
		NSN# 6210-01-605-0598	NSN# 6130-01-605-0601	NSN# 6210-00-635-8819
113-02	RED (transparent diffusing)	Red	Red	Red
		PART# 95-15855-02	PART# 42-15038-00	PART# 06-15019-01
		NSN# 6210-01-605-0600	NSN# 6130-01-605-0602	NSN# 6210-00-635-8820
113.1-02	YELLOW/AMBER (transparent diffusing)	White	White	Yellow/Amber
		PART# 95-15855-01	PART# 42-15037-00	PART# 06-15019-03
		NSN# 6210-01-605-0598	NSN# 6130-01-605-0601	NSN# 6210-01-166-7185

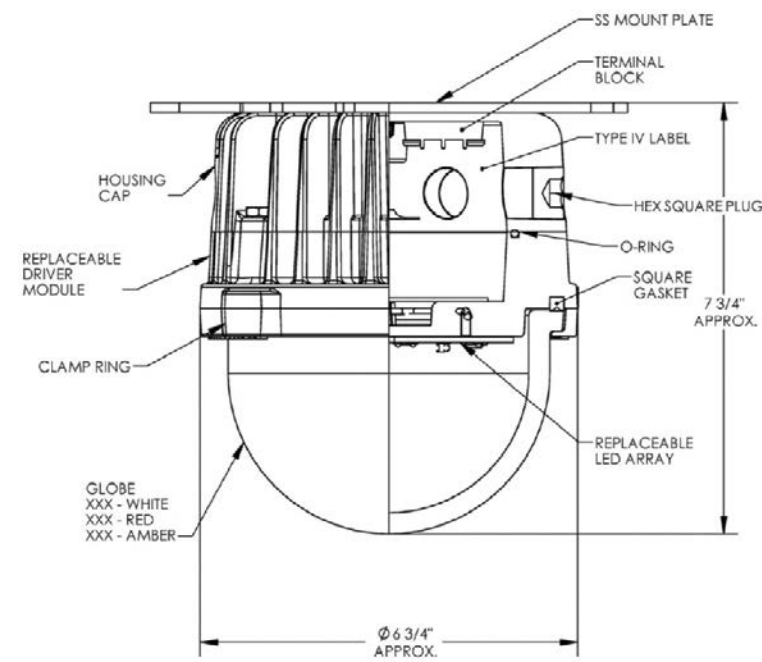
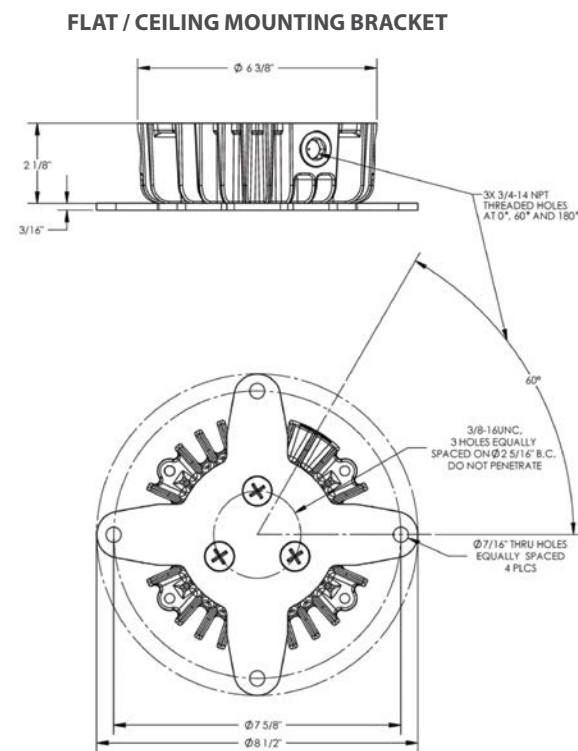
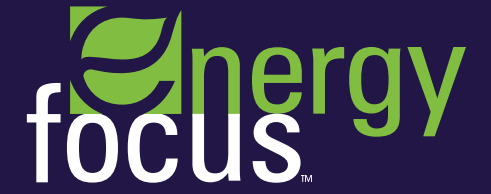


FIGURE 2. Fixture assembly. Current design is intended to use existing cabling from removed fixture.



LARGE LED GLOBE FIXTURE



MIL-16377/26 for Navy Standard Symbol #112, 113, 113.1



NSN# 6240-01-585-6039



NSN# 6210-01-605-0603



NSN# 6210-01-605-0599

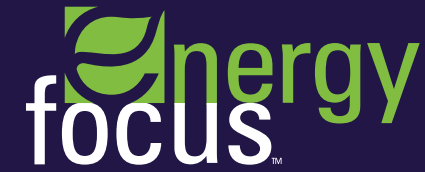


Large LED Globe Fixture

For Navy Standard Symbol #112, 113, 113.1

Large LED Globe Fixture

For Navy Standard Symbol #112, 113, 113.1



The Energy Focus brand Large LED Globe Fixture is waterproof, shockproof and consumes 80% less power than incandescent bulbs. It has a lifespan of 50,000 hours until it reaches 70% of its original lumen performance. After installation, there will be no need to revisit this fixture for maintenance for another ten years. Unlike outdated incandescent technology, the Large LED Globe Fixture does not have a filament that breaks often, especially on moving ships. Changing bulbs is not necessary, requiring even less maintenance and providing for more storage space.

THE LARGE LED GLOBE FIXTURE IS AVAILABLE IN THREE COLOR OPTIONS:

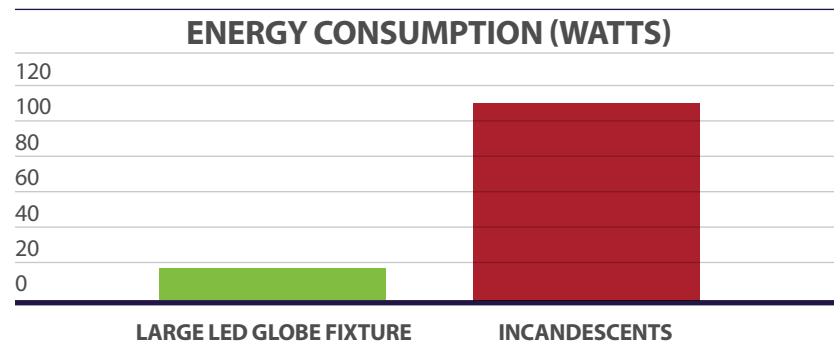
- White (clear transparent diffusing)
- Red (transparent diffusing)
- Yellow/Amber (transparent diffusing)

Energy Focus solutions provide energy savings, aesthetics, safety and maintenance cost benefits over conventional lighting. Energy Focus' long-standing relationship with the U.S. Government includes numerous research and development projects for the DOE and DARPA, creating energy efficient LED lighting systems for the U.S. Navy fleet. The Large LED Globe Fixture is also "Buy American Act" and "Trade Agreements Act" compliant, as it is proudly made in the USA.

LED TECHNOLOGY SURPASSES INCANDESCENTS IN MULTIPLE AREAS:

- More reliable
- Lower power consumption
- A significantly longer lifespan
- No buzzing or flickering
- Low maintenance costs
- Rapid return on investment

In the last half century, the Navy has made great strides in the development and implementation of the most modern technology. One aspect that has fallen behind is shipboard lighting. The US Navy still relies on outdated incandescent technology in many areas. Upgrading to modern sophisticated LED technology is pivotal as the US Navy moves forward.



TOMORROW'S LIGHT IS HERE TODAY.



MIL-DTL-16377/26

For Navy Standard Symbol #112, 113, 113.1

Options: White, Red, Yellow/Amber

Function: United States Navy

Application: Military Lighting

Features



The Energy Focus brand EFO-X002 luminaire is a form, fit and function replacement for SYM #'s 112, 113 and 113.1 applied to legacy MIL-DTL-16377/26 incandescent fixtures.

- Shockproof & waterproof
- No vulnerable filament
- Flat/ceiling mounting bracket
- Can use existing cable from removed fixture

Specifications

LAMP LIFE	50,000 hours to 70% lumen maintenance
INPUT VOLTAGE	120 Volts, 60 Hz
CHASSIS	A383 aluminum
LENS	Tempered glass
WEIGHT	9 lbs. 10 oz.
FASTENERS	Stainless steel
FINISH	TGIC thermoset polyester powder coat paint
LED/BALLAST FIELD	Replaceable
LED ARRAY FIELD	Replaceable
DRIVER	Constant current electronic driver
OPERATING RANGE	-40c to 50c
MIL QUALIFICATION	Passed
ENCLOSURE TYPE	Watertight, designed to meet shock & vibration requirements

WHITE GLOBE

Lumen Output	1019
Wattage	19W
Efficacy	52 lp/W
CRI	80
CCT	3996 K
CBCP	282

RED GLOBE

Lumen Output	235
Wattage	8 W
Efficacy	28.4 lp/W
Chromaticity (x)	0.6914
Chromaticity (y)	0.3081
Chromaticity (u')	0.5204
Chromaticity (v')	0.5217

YELLOW/AMBER GLOBE

Lumen Output	486
Wattage	19 W
Efficacy	25 lp/W
Chromaticity (x)	0.5784
Chromaticity (y)	0.4204
Chromaticity (u')	0.3359
Chromaticity (v')	0.5493



DESCRIPTION	NSN#	EFO SKU	TO ORDER
White Replacement	6210-01-585-6039	EFO-X002-112-02	
Red Replacement	6210-01-605-0603	EFO-X002-113-02	440.715.1300 navy@efoi.com
Yellow/Amber Replacement	6210-01-605-0599	EFO-X002-113.1-02	