



PREMIUM LED LINEAR VAPOR PROOF



The images are merely illustrative, some technical features and accessories may be changed without notice



May 2019

For additional information, please contact us
www.teslights.com - info@teslights.com



Product Description

The Linear Vapor Proof Fixtures are available in 2' and 4' lengths and are IP66 rated. There are different CCT variations such as White/White, White/Amber/White, and White/Red/White. The White/White fixture has two 150lm/W internal LED strips so the fixture only illuminates White. They are perfect for engine and mechanical rooms, as well as living spaces. The White/Amber/White fixture has three 150lm/W internal LED strips so it can illuminate in either White or Amber. Perfect for outside under overhangs so when someone is working they can illuminate in White, or when under-way they can illuminate in Amber. White/Red/White has three 150lm/W internal LED strips so it can illuminate in either White or Red. They can be used in the Wheelhouse to illuminate White during the day/night, and Red at night when vision is an issue. All three colors meet the Navy color variance threshold so they work with any Navy application.



Teslights engineers are continuously developing new leading-edge technologies focused on delivering substantial reductions to energy consumption by as much as 80%, while notably improving the quality of illumination and extending operating life of each luminaire. Teslights is proud to note that our LED LVP's are environmentally friendly and designed to be extremely durable, while being resistance to shock, impact, and vibrations. All Teslights Luminaries are manufactured in Teslights facility under carefully controlled quality standards!

Key Features

- **Easy installation**
- **Modular manufacturing process**
- **Highly efficient driver**
- **5 year factory warranty**
- **Available in different CCT variations and color configurations as white/red/white, white/Amber/white and white/white**
- **No rewiring of fixture, minimizing replacement and maintenance costs**
- **Up to 24 fixtures can be installed in tandem which allows the Captain to change colors from the wheelhouse with the simple push of a button.**
- **Optional Internal 3 Hour Battery Backup.**
- **IP66 Rated - Protected from total dust ingress and from high pressure water jets (12.5 mm nozzle) from any direction.**

Product Specifications

LED package:	SMD 2835
Power consumption:	12 - 60W ±5%
Input voltage:	100~277V AC 50/60Hz
Efficacy:	Up to 150 lm/W
THD:	<15%
P.F.:	>0.90
CRI:	>80
Dimming:	No
Material:	PC+6063 Aluminum
Beam angle:	120°
IP rating:	IP66
Fire rating:	94V0
Operating temperature:	-25°C ~ + 45°C

Product Measures

Premium

Model	Measures (Length * width * depth)
LVPA2S - 12, 18, 24 and 36 Watts	600*89.6*73.5
LVPC4S - 24, 36, 48 and 60 Watts	1200*89.6*73.5



Ordering Guide

Example: LVPA2S18M150F50-W-E

Type	Length	Dim or non-dim	Watts	Driver/Voltage	Efficiency	Cover	CCT	Strips colors	Internal emergency battery backup									
LVPA	2	S	18	M	150	F	50	-W	-E									
LVPA	2	2'	S	Non-Dimmable	12 18	12W 18W	M	Internal 100-277V 50/60Hz	120 150	120lm/W 150lm/W	F	Frost	40 50	4000 K 5000 K	-W -A -R -B	White/White White/Amber/White White/Red/White White/Blue/White	-E	Internal emergency battery backup
LVPA	4	4'	S	Non-Dimmable	24 36	24W 36W	M	Internal 100-277V 50/60Hz	120 150	120lm/W 150lm/W	F	Frost	40 50	4000 K 5000 K	-W -A -R -B	White/White White/Amber/White White/Red/White White/Blue/White	-E	Internal emergency battery backup

Battery back up is optional for all LVPA models, so you could order any of LVPs product without the -E in the code.

Example: LVPA2S18M150F50-W



Internal Battery Backup

Emergency Power Supply : DF168T 60W emergency output 8W 3hrs

Input:	AC100-280V/50-60HZ
Battery Pack:	LIR battery 7.4V 4000mAh
Output:	DC20-90V
Dimension:	137*34*26 150*38*25 mm
Emergency power:	8±1W
Charging time:	≥24hS
Duration time:	≥180min
Conversion efficiency:	≥80%
Power factor:	≥90%
Emergency switching time:	≤ 1S
Lighting system:	Continuous
The service life:	20000hS
Temperature range:	-10+50°C
Humidity range:	65%±20%



Internal Battery Backup

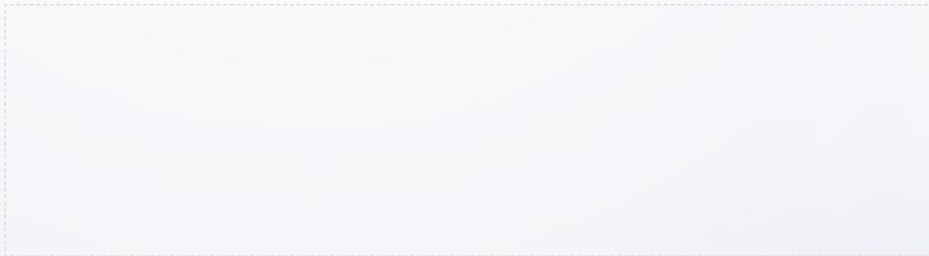
Emergency Power Supply :DF168T 60W emergency output 8W 3hrs

Input:	AC100-280V/50-60HZ
Battery Pack:	LIR battery 7.4V 4000mAh
Output:	DC20-90V
Dimension:	137*34*26 150*38*25 mm
Emergency power:	8±1W
Charging time:	≥24hS
Duration time:	≥180min
Conversion efficiency:	≥80%
Power factor:	≥90%
Emergency switching time:	≤ 1S
Lighting system:	Continuous
The service life:	20000hS
Temperature range:	-10+50°C
Humidity range:	65%±20%



Teslights

Marine Lighting



World Headquarters

3345 Industrial Dr.

Building #16

Santa Rosa, CA 95403, USA

+1 844 TESLITE

www.teslights.com - info@teslights.com