

# 1254

TWELVE FIFTY FOUR INDUSTRIES

12FX-Q53-ALED-VP  
AMBER LED VAPORPROOF



## SPECIFICATIONS & FEATURES:

- Housing:**
  - Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking
  - 3/4" NPS Threaded Mounts

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- Listing and Rating:**
  - CSA: Listed for Wet Locations
  - IP66 Sealed LED Compartment
  - ANSI/UL 1598,8750

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- Finish:**
  - Smooth Powdercoat Finish over a Chromate Conversion Coating
  - Custom Colors Available Upon Request

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- Lens:**
  - Flat Clear Tempered Glass

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- AmberLED:**
  - Aluminum Boards

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- Driver:**
  - Electronic Driver
  - 120-277v
  - 50/60Hz
  - Dimmable Driver

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- Wattage:**
  - Array: 22w, System: 27w
  - (175w HID Equivalent)

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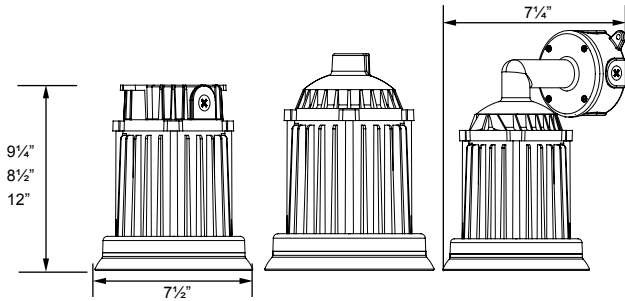
- Mounting Options:**
  - Pendant Mount
  - Surface Mount
  - Wall or Ceiling
  - Gooseneck



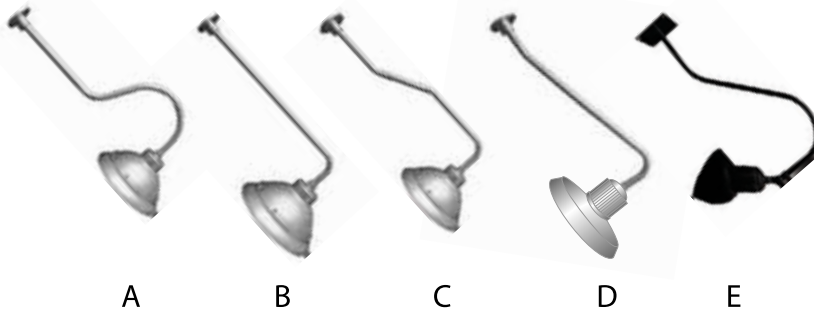
BOX MOUNT

PENDANT OR GOOSENECK MOUNT

WALL MOUNT



## GOOSENECK OPTIONS:



A

B

C

D

E

The LEPA AmberLED LEDicated Vaporproof fixtures with a choice of mounting configurations are designed to replace HID lighting systems up to 175w MH or HPS for wildlife or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 14 feet can be used based on light level and uniformity requirements.

## SHADE OPTIONS:



AS = ANGLE SHADE



SS = STRAIGHT SHIELD

Order Example: 12FX-Q53-ALED-VP-P-B-AS-F-23-U-AM-P-DF

Model	Mount Style	Gooseneck Options	Shade Options	Optics	Wattage	Driver	CCT	Color	Options
12FX-Q53-ALED-VP									

## Order Description

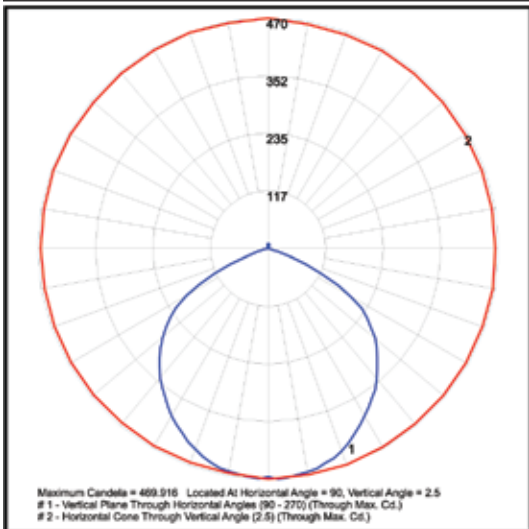
Model	Mount Style	Gooseneck Options	Shade Options	Optics	Wattage	Driver	CCT	Color	Options
12FX-Q53-ALED-VP	B = Box Mount (8 1/2") P = Pendant Mount (9 1/2") W = Wall Mount (12") G = Gooseneck	A B C D E	AS = Angle Shade SS = Straight Shade	F = Type V	23 - 23w	U = 120-277V	AM = Amber	P = Platinum C = Custom (Consult Factory)	SF = Single Fuse DF = Double Fuse

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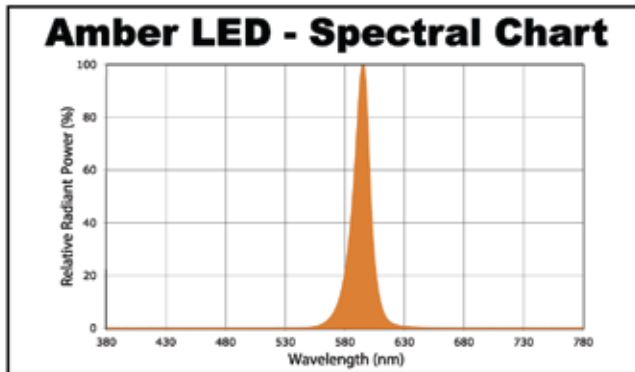
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## Photometric Data



VP53QF1X23UAM Grid in MH  
Type V MH=10 Feet



## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 23w	116	27	Type V	1,194	45	1	2	0

## Projected Lumen Maintenance

Data shown for Amber LEDs			Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C	
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	27	1.00	0.96	0.92	0.84	187,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	27	1.00	0.93	0.86	0.72	107,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	27	1.00	0.94	0.88	0.76	82,000	

**NOTES:**  
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.  
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.