

Project:	
Type:	
Catalog #:	

STANDARD



The FV-Series high bay exceeds rigorous demands of food-processing plants and related industrial environments. Its strategic slope shape and ultra-sleek corrosion-resistant finish, repels water and eliminates any area where food, dirt, or debris could settle.



reddot

FEATURES

- High performance LED Nichia SMD
- Lumen output from 14,000-32,000 lumens
- **10 Year Warranty**
- Efficacy Up To 160lm/W
- LED Lifespan > 50,000 hours (Ta=30°C @L70)
- Energy Saving Up To 90%
- CCT: 3000K 4000K 5000K (5000K Standard)
- CRI > Ra80, >Ra90 (CRI > Ra70 Standard)
- Grey or White baked epoxy finish.
- Superior Temperature Stability
- Meanwell driver
- No external reflectors required
- Polycarbonate cover: Safe for food processing applications
- Body: Aluminum alloy
- Stainless steel screws

Mechanical

- Robust cast aluminum housing withstands harsh industrial environments.
- Eye bolt hook standard. (Pendant mount and surface mount optional)
- Achieves up to 122°F (50°C) ambient rating.
- Standard fixture color is Grey. (White color optional)

PLEASE CONTACT FACTORY FOR ORDERING INFORMATION

ORDERING INFORMATION



Warranty & Listing

- UL Listed to 1598 standard for use in wet locations.
- **DLC premium** for 120W-200W.
- **IP66 and IP69K** rated.
- **NSF Splash Zone listed.**
- 1500psi hosedown.
- **10 Year Warranty**

Dimensions

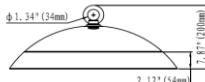
Diameter: 19.25 (489)
Height: 7.87 (200)
Weight: 15.87 lbs. (7.2kg)

Electrical

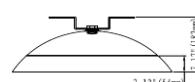
- 120-277V Standard. 100-240V and 480V available
- CRI > 70, CRI > 80, CRI > 90 available
- 3000K, 4000K, 5000K CCT available
- Up to 160lm/W
- Aluminum core printed circuit board

Mounting Options

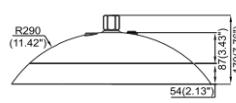
- Eye Bolt Hook (STD)



- Surface Mount



- 3/4" NPT Adapter



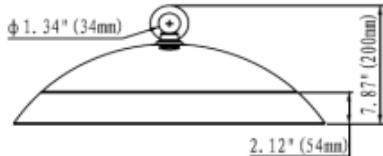
Applications

- Food processing and handling
- Poultry and meat processing
- Beverage processing
- Grain and sugar processing
- Chemical facilities
- Pharmaceutical plants
- Pet-food production

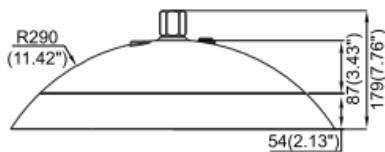
FV	150-1	14	A	LV	C	120PC	G	EB		DIM	5Y
Series	Wattage	lm/W	CRI	Voltage	CCT	Optical Lens	Fixture Color	Mounting	Accessories	Controls	Warranty
FV	100-1 = 100W 120-1 = 120W 150-1 = 150W 200-1 = 200W	14 = 140 16 = 160	A = Ra70 B = Ra80 C = Ra90	LV = 120-277V (STD) EV = 100-240V HV = 480V	S = 3000K I = 4000K C = 5000K	120PC = 120° Clear Polycarbonate Cover (STD) 120MPC = 120° Milky Polycarbonate Cover 120TG = 120° Tempered Glass 120CAC = 120° Clear Acrylic cover 120PC = 120° Polycarbonate Lens 90PC = 90° Polycarbonate Lens 50PC = 50° Polycarbonate Lens	G= Grey W= White	EB = Hook (STD) PP = 3/4" NPT Adapter SM = Surface Mount	(Blank) = 6' Meter Cable ¹ (STD) SC1 = 2000mm Safety Chain ² SC2 = 340mm Safety Chain ² PLG = Plug AR = Aluminum Reflector CR = Clear Reflector LC = Bottom reflector cover for AR/CR	(Blank) = None DL = Dali MS = Microwave Sensor ZB = Zigbee Wireless Control DIM = 0-10V Dimming ³	5Y = 5 Year (STD) 10Y = 10 Year

Mounting / Accessory Data

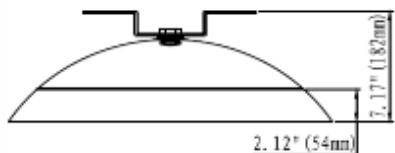
Eyebolt Hook Mount (STD)



Surface Mount



3/4" NPT Adapter



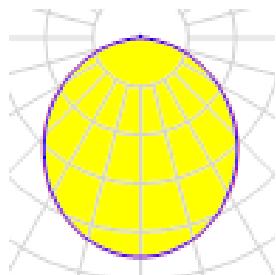
Clear Reflector



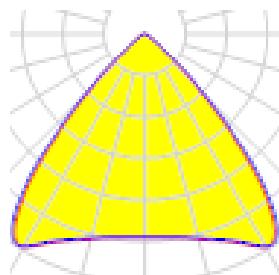
Aluminum Reflector



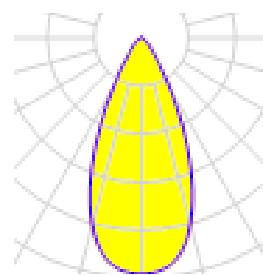
Photometric Data



120°



90°



50°

Electrical Data

Part Number	Standard Version				High Efficiency Version							
	FV-100	FV-120	FV-150	FV-200	FV-100	FV-120	FV-150	FV-200				
Lumen Output	14,000lm	16,800lm	21,000lm	28,000lm	16,000lm	19,200lm	24,000lm	32,000lm				
Wattage	100W	120W	150W	200W	100W	120W	150W	200W				
Luminous Efficacy	140lm/W				160lm/W							
CCT	5000K(3000K, 4000K optional)											
CRI	>Ra70(>Ra80 & >Ra90optional)											
IP Rating	IP66											
Working Temperature	-30°C to +50°C											
LED Driver	Meanwell											
Input Voltage	100-240Vac/100-277Vac/277-480Vac, 50-60Hz, ≥0.93											
Warranty	10 years											
Lifespan	>50,000hrs											
HID Equivalent	200W	250W	400W	400W	200W	250W	400W	400W				