

Born for Industrial Safety



CORPELIMA



Thunder™ (NJZ-FEL-M Series)

Hazardous Location LED Luminaire



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NJZ-FEL-M Series



Product description

The Thunder™ NJZ-FEL-M Series LED Luminaire is designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 3 and 4X areas where wind, water, snow or high ambient can be expected.

They can be used in locations made hazardous by the presence of flammable vapors or gases or combustible dusts as defined by the NEC.

NJZ-FEL-M Series is ideal for retrofit of existing HPS/MH 320W~1000W and offers higher efficacy for increased energy savings, lower maintenance costs and shorter paybacks.

Features

- High luminous efficacy-Up to 160 Lm/W
- Input Voltage: AC100-277V, AC347-480V (50/60Hz)
- Instant illumination and restrike-no warm-up time required
- Valid over the entire temperature range from -40°C ~ +65°C (-40°F ~ +149°F)
- Safe and reliable heat transfer - Offering a T-rating of T4A (CID2 / CIID1 / CIII)
- Thermal shock and impact resistant tempered glass or PC Lens
- Shock and vibration resistant-Durable LEDs with solderless board connection
- Anti-corrosion housing tested 1000hrs to standard ASTM"B117-11"
- All exposed fasteners with quality stainless steel 316
- High Temperature silicone gasketing

Compliance

NEC/CEC Standard

UL844
Class I Division 2, Group A, B, C, D
Class II Division 1 Group E, F, G
Class II Division 2, Group F, G
Class III
Class I, Zone 2, Group IIC
Zone 21, Group IIC
Simultaneous Presence
UL 1598 Wet Locations
UL 1598A Outside Type (Salt Water)

IP66
IK08(Glass) / IK10(PC)
5G vibration
1000hrs salt spray

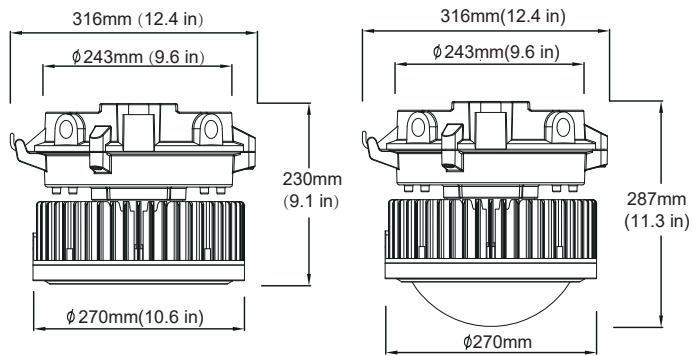
Application

- Power Plants
- Heavy Industrials Storage Facility
- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility

Warranty

5-Year Standard Warranty
LED lumen Maintenance: L70> 145,000 Operation Hours@55°C

Product Dimensions



Model	Parts	Net weight	Product Dimensions (L×W×H)	Gross weight	Package Dimensions (L×W×H)
NJZ-FEL-M-80	Flat Lens	8.9kg	$\phi 316 \times 230\text{mm}$	9.9kg	325x325x265mm
NJZ-FEL-M-120		9.2kg		10.2kg	
NJZ-FEL-M-150		9.8kg		10.8kg	
NJZ-FEL-M-200	Drop Lens	9.9kg	$\phi 316 \times 287\text{mm}$	10.9kg	325x325x420mm
NJZ-FEL-M-80		10.2kg		11.2kg	
NJZ-FEL-M-120		10.8kg		11.8kg	
NJZ-FEL-M-200		10.8kg		11.8kg	

Catalog #	Description	Note	Single Package (L×W×H)	Net weight	Gross weight	Master Package (L×W×H)	Net weight	Gross weight
PB03	U-Bracket	Master Box 8pcs, 2pcs/ single box	255x255x89mm	3.2kg	3.8kg	385x285x282mm	12.8kg	14.0kg
WL90-M	Wall mount- 90°	Master Box 4pcs, 1pc/ single box	418x167x169mm	1.9kg	2.5kg	430x375x360mm	10.0kg	11.2kg
SN2503 SN2504	Stanchion - 25°	Master Box 4pcs, 1pc/ single box	393x129x152mm	1.0kg	1.4kg	410x340x295mm	5.6kg	6.5kg
SN9003 SN9004	Stanchion - 90°	Master Box 4pcs, 1pc/ single box	373x183x152mm	1.0kg	1.4kg	390x340x295mm	5.6kg	6.5kg
WG07	Wire guard for Flat Glass Lens	Master Box 20pcs	N.A	N.A	N.A	338x260x242mm	3.2kg	3.7kg
WG08	Wire guard for Glass Drop Lens	Master Box 10pcs	N.A	N.A	N.A	460x353x255mm	2.2kg	3.0kg

Mounting



Pendant



Ceiling



Bracket



Wall



Stanchion 90°



Stanchion 25°



Safety cable installed