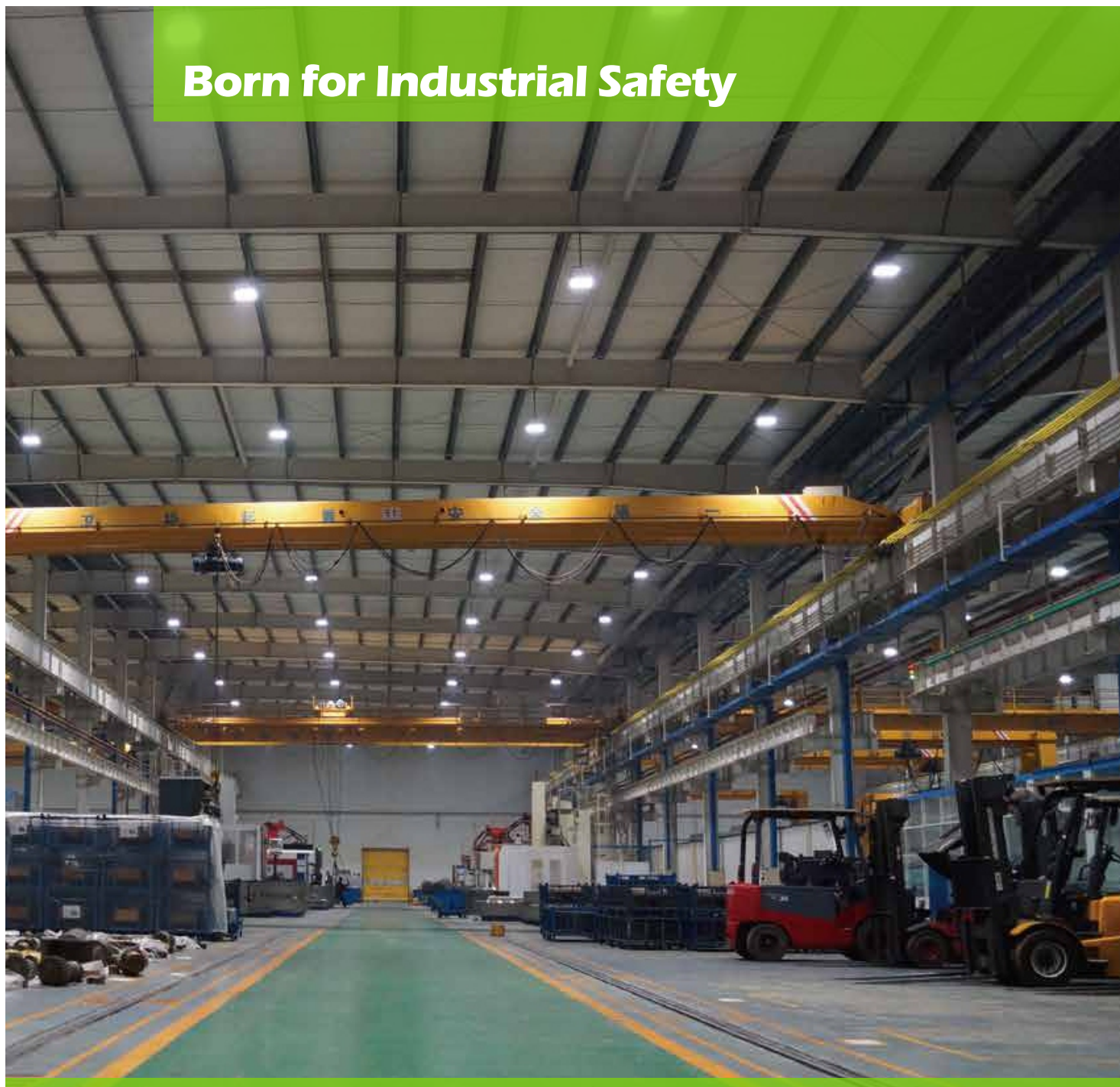


**Born for Industrial Safety**



**Advance™**

Industrial Lighting  
50°C LED High Bay

**CREA**  
[www.crealuce.it](http://www.crealuce.it)

# Advance™

Industrial Lighting -- 50°C LED High Bay



## Product description

The Advance™ NJZ-FLJ Series LED Luminaire combines optical performance, energy efficiency, and outstanding versatility to meet the requirements of high & low bay lighting applications in industrial and commercial buildings, delivers a wide range of light outputs that replace 100W-1,000W HID / HPS / Metal halide and four-to-eight lamp T5/T8 high intensity fluorescent fixtures.

NJZ-FLJ Series offers higher efficacy for increased energy savings, lower maintenance costs and shorter paybacks.

## Features

- Heat-sinking technology ensures long lifespan and low light decline
- Double coupling design guarantees IP65 protection for wet locations
- High luminous efficacy-Up to 170 Lm/W
- Input Voltage: AC120-277V (50/60Hz)
- Instant illumination and restrike-no warm-up time required
- All exposed fasteners with quality stainless steel
- Thermal shock and impact resistant tempered glass or PC Lens
- Valid over the entire temperature range from -40°C to 50°C (-40 °F to 122 °F)

## Compliance

CE/RoHS

IP65

IK10 (PC) / IK08 (Glass)

5G

## Warranty

5-Year Standard Warranty

LED lumen Maintenance:

L70> 140,000 Operation Hours @ 50°C

## Application

### For low mounting height

Assembly Lines

Manufacturing Areas

Food Processing Plants

Warehouses And Parking Garages

Cold Storage

Distribution Center

### For high mounting height

Factories

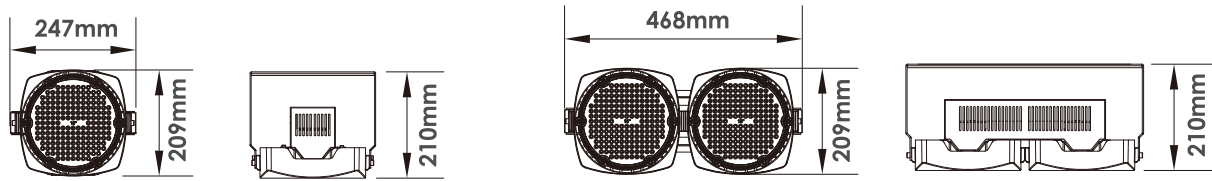
Exhibition Halls

Big-Box Retail Stores

**CREA**

Tel: +39.335.6167080 | info@crealuce.it | www.crealuce.it

## Product Dimensions



100W/150W

200W / 240W / 300W

Model	Net weight	Dimensions (L×W×H)	Gross weight	Dimensions (L×W×H)
NJZ-FLJ-100	3.6kg	247x209x210mm	4.1kg	394x357x196mm
NJZ-FLJ-150	3.8kg		4.3kg	
NJZ-FLJ-200	6.5kg	468x209x210mm	7.0kg	578x394x196mm
NJZ-FLJ-240	6.7kg		7.2kg	
NJZ-FLJ-300	7,1kg		7,6kg	

## Mounting Options



Pendant



Hanging hook



Ceiling



Wall

## Technical Parameter

### Electrical

Specification	NJZ-FLJ-100	NJZ-FLJ-150	NJZ-FLJ-200	NJZ-FLJ-240	NJZ-FLJ-300	
Rated Power	100W	150W	200W	240W	300W	
MH Replacement	250W		600W	750W	1000W	
Input Voltage	AC120-277V					
Input Frequency	50/60Hz					
Power Factor	>0.95					
Driver Efficiency	≥90%					
Input Current	120V AC	0.83A	1.25A	1.67A	2.00A	2.50A
	230V AC	0.36A	0.54A	0.72A	0.87A	1.08A
THD	≤20%					

### Optical

Specification	NJZ-FLJ-100	NJZ-FLJ-150	NJZ-FLJ-200	NJZ-FLJ-240	NJZ-FLJ-300
Lumen Output	14699Lm	20438Lm	32079Lm	37036Lm	43782Lm
Lumens Per Watt	140~170Lm/W				
Beam Angle	30°/60°/90°/30*120° (PC Lens) 120°(clear glass)				
Correlated Color Temperature (CCT)	3000K / 4000K / 5700K				
Color Rendering Index (CRI)	Ra≥70				

### Environmental

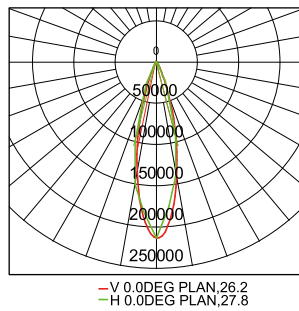
Specification	NJZ-FLJ-100	NJZ-FLJ-150	NJZ-FLJ-200	NJZ-FLJ-240	NJZ-FLJ-300
Ambient Operating Temperature	-40°C ~ +50°C ( -40°F to 122°F )				
Optimal Operating Temperature	25°C (77°F)				

### Mechanical

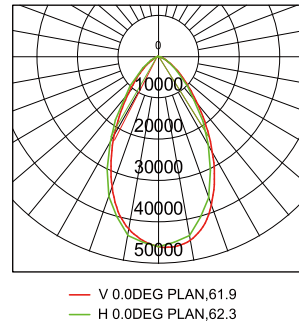
Specification	NJZ-FLJ-100	NJZ-FLJ-150	NJZ-FLJ-200	NJZ-FLJ-240	NJZ-FLJ-300
Housing Material	Aluminum Alloy				
Lens Material	Tempered glass / PC				
IP Rating	IP65				
IK Rating	IK08				

## Photometric

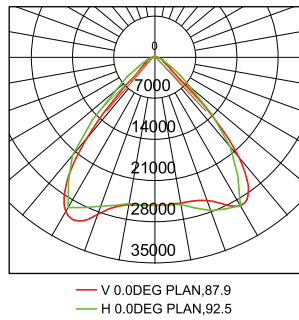
30 Degree



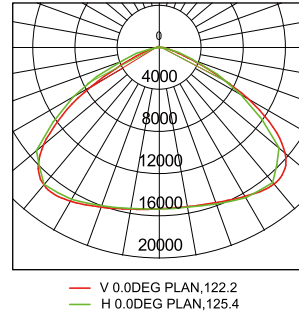
60 Degree



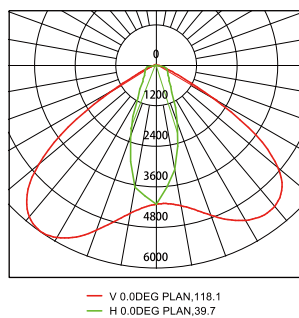
90 Degree



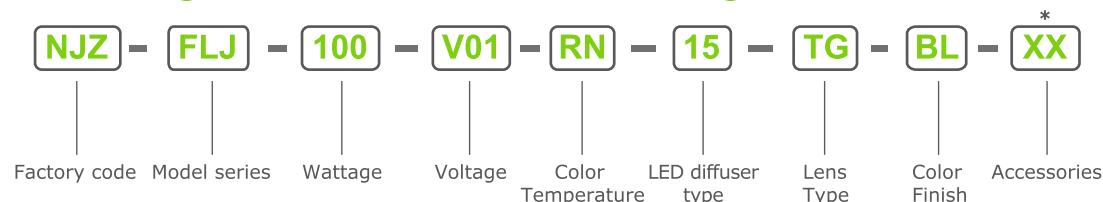
120 Degree



30\*120 Degree



## Ordering Information and Mounting Accessories



\*: Suffix not within nomenclature as per Certification, for marketing purpose only

**FACTORY CODE**

NJZ

**MODEL SERIES**

FLJ

**WATTAGE**

100=100W  
150=150W  
200=200W  
240=240W  
300=300W

**VOLTAGE**

V01= AC120-277V

**COLOR TEMPERATURE**

RN= 3000K (Warm White)  
RL= 4000K (Neutral White)  
RZ= 5000K (Neutral White)  
RM= 5700K (Cool White)

**LED DIFFUSER TYPE**

30=30°  
60=60°  
90=90°  
120=120°  
32=30\*120°

**LENS TYPE**

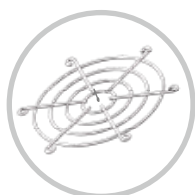
TG = Clear glass  
CP = PC

**COLOR FINISH**

GR = Grey

**ACCESSORIES**

WG06=Wire Guard  
SP01=10KV Surge Protector for 120-277V  
PS= IP66 Photocell + PIR Sensor



**WG06**

Wire Guard



**SP01**

Surge Protector  
10KV  
AC120~277V



**PS**

IP66 Photocell + PIR Sensor

