

Durable Lighting Made for Industrial Safety



Hazardous Location LED Luminaire Nexis Series





Product Description

The Nexis Series LED fixture is the ideal choice for marine and hazardous applications requiring a linear design. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

Features two wiring accesses on each side of the fixture, wiring is available from both side, which means that it is more flexible to meet different installation requirements, such as multiple lamps installed side by side. Additionally, the lamp can be directly powered from the mains electricity.

Features

- Suitable for use in Zone 1
- 0-10V dimming
- Available in 5 lengths
- Beam angles are optional from 90°, and 120°
- Smooth housing for easy cleaning
- Emergency model optional - 3 hours emergency time
- Robust design rated with IP66/IK10
- Constructed of non-sparking materials for protection in flammable work sites
- Wiring is available from both side of the fixture, flexible for varied installation requirements and the lamp can be directly powered from the mains electricity

Compliance

ATEX Standard:

II 2 G Ex eb mb IIC T6...T4 Gb

II 2 D Ex tb IIIC T80°C...T120°C Db

IECEX Standard:

Ex eb mb IIC T6...T4 Gb

Ex tb IIIC T80°C...T120°C Db

IP66

IK10

500 hours salt spray



Application

- Power Plants
- Heavy Industrials Storage Facility
- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry



Warranty

5-Year Standard Warranty

LED lumen Maintenance: L70> 150,000 Operation Hours@55°C



Technical Parameter

• Electrical - AC Input

Model Number	EX-XXXW NEXIS2	EX-XXXW NEXIS3	EX-XXXW NEXIS4	EX-XXXW NEXIS5
Wattage Range	10-30W	20-60W	20-60W	20-60W
Input Voltage	200-250Vac, 50/60Hz			

• Electrical - DC Input

Model Number	EX-XXXW NEXIS2	EX-XXXW NEXIS4
Wattage Range	Max. 30W	Max.60W
Input Voltage	12-36Vdc	

Note: DC input without emergency.

• Electrical - Emergency Mode

Model Number	EX-XXXW NEXIS2-EM	EX-XXXW NEXIS3-EM	EX-XXXW NEXIS4-EM	EX-XXXW NEXIS5-EM
Wattage Range	20-40W	20-50W	20-80W	20-80W
Input Voltage	200-250Vac, 50/60Hz			
Emergency Time	3 hours			

• Optical

Specification	EX-XXXW NEXIS2	EX-XXXW NEXIS3	EX-XXXW NEXIS4	EX-XXXW NEXIS5
Lumen Output	2,400lm-5,600lm	2,400lm-8,400lm	2,160lm-10,080lm	2,160lm-12,600lm
Lumens Per Watt	108-126lm/W			
Beam Angle	90°/120°			
LED Chip	5050/2835			
CCT	2700K-6500K			
CRI	> 70			
Dimming	0-10V dimming (optional extra)			

Technical Parameter

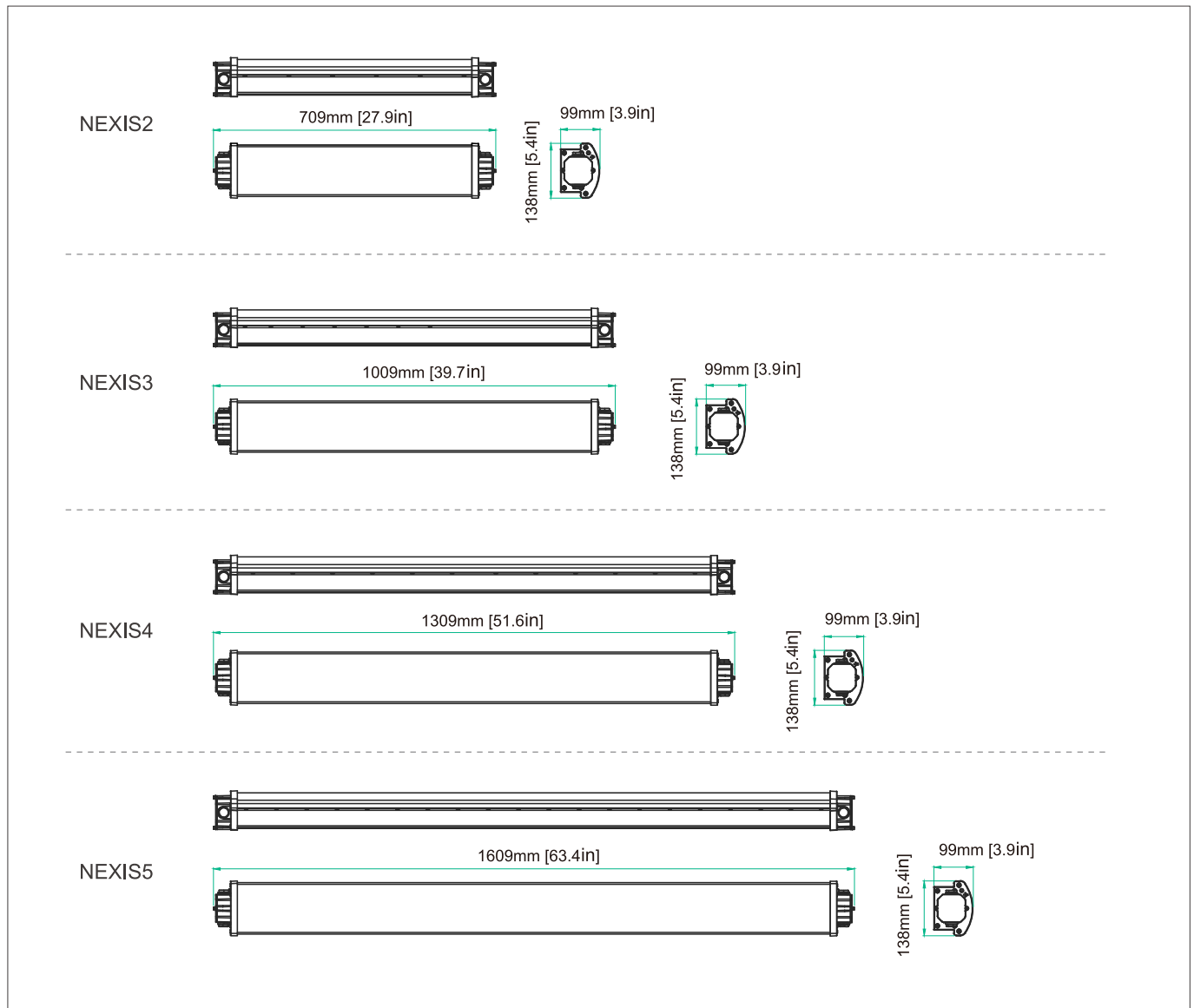
• Environmental

Model	Input voltage	Rated power	Ambient Temp	Temp.Class(Gas/Dust)
EX-**WNEXIS2* **D***	200-250V AC 50/60Hz	10-30W	-40°C to +55°C	T5 / T100°C
			-40°C to +65°C	T4 / T120°C
EX-**WNEXIS2* **D***-EM		20-40W	0°C to +40°C	T6 / T80°C
EX-**WNEXIS2* **D***-DC	12-36V DC	10-30W	-40°C to +55°C	T5 / T100°C
			-40°C to +65°C	T4 / T120°C
EX-**WNEXIS3* **D***	200-250V AC 50/60Hz	20-50W	-40°C to +55°C	T5 / T100°C
			-40°C to +65°C	T4 / T120°C
EX-**WNEXIS3* **D***-EM		20-50W	0°C to +40°C	T6 / T80°C
EX-**WNEXIS4* **D***	200-250V AC 50/60Hz	20-60W	-40°C to +55°C	T5 / T100°C
			-40°C to +65°C	T4 / T120°C
EX-**WNEXIS4* **D***-EM		20-80W	0°C to +40°C	T6 / T80°C
EX-**WNEXIS4* **D***-DC	12-36V DC	10-60W	-40°C to +55°C	T5 / T100°C
			-40°C to +65°C	T4 / T120°C
EX-**WNEXIS5* **D***	200-250V AC 50/60Hz	20-60W	-40°C to +55°C	T5 / T100°C
			-40°C to +65°C	T4 / T120°C
EX-**WNEXIS5* **D***-EM		20-80W	0°C to +40°C	T6 / T80°C

• Mechanical

Specification	NEXIS2	NEXIS3	NEXIS4	NEXIS5
Housing Material	Aluminum 6063			
Diffuser Material	Polycarbonate (PC)			
Chip Lens	Polymethyl methacrylate (PMMA)			
Finish	Corrosion resistant gray finish			
Protection	IP66/IK10/500 hours salt spray			
Hardware	SUS304			
Mounting	Pole, Hook, Wall			
Cable Entry	1/2" NPT/M20			

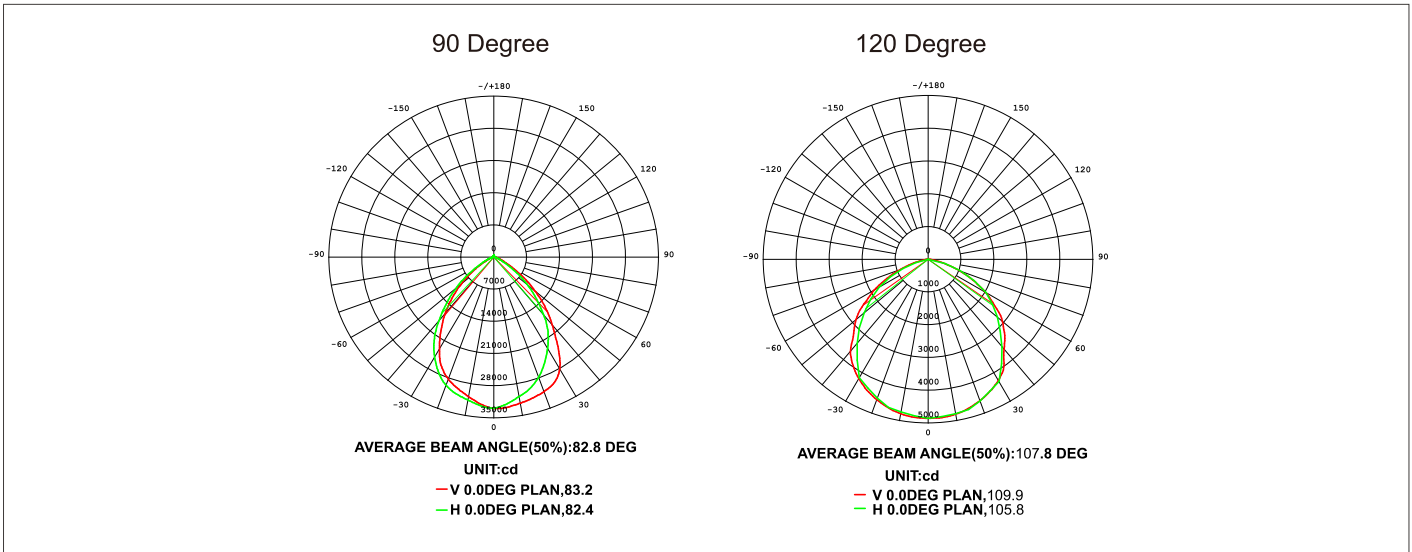
Product Dimensions



• Packing Information

Model	Net Weight	Product Dimensions (LxWxH)	Quantity/Carton	Gross Weight	Package Dimensions (LxWxH)
NEXIS2	4.1kg/9.04lb	709x138x99mm/ 27.9x5.4x3.9inch	1 pc	5.8kg/12.78lb	720x210x180mm/ 28.35x8.27x7.09inch
NEXIS3	5.1kg/11.24lb	1009x138x99mm/ 39.7x5.4x3.9inch	1 pc	6.3kg/13.89lb	1010x210x150mm/ 39.76x8.27x5.91inch
NEXIS4	7.23kg/15.94lb	1309x138x99mm/ 51.6x5.4x3.9inch	1 pc	8.03kg/17.70lb	1340x200x170mm/ 52.76x7.87x6.69inch
NEXIS5	7.60kg/16.76lb	1609x138x99mm/ 63.4x5.4x3.9inch	1 pc	9.40kg/20.72lb	1610x210x150mm/ 63.39x8.27x5.91inch

Photometric



Ordering Guide



1.Product Categories	2.Wattage	3.Shell Shape Series	4.Dimming or Not
Explosion Proof Light	NEXIS2 : 20/30/40/50W NEXIS3 : 20/30/40/50/60W NEXIS4 : 20/30/40/50/60/70/80/100W NEXIS5 : 20/30/40/50/60/70/80/90/100W	Can be: NEXIS2 NEXIS4 NEXIS3 NEXIS5	Can be: Y: dimmable N: non-dimmable

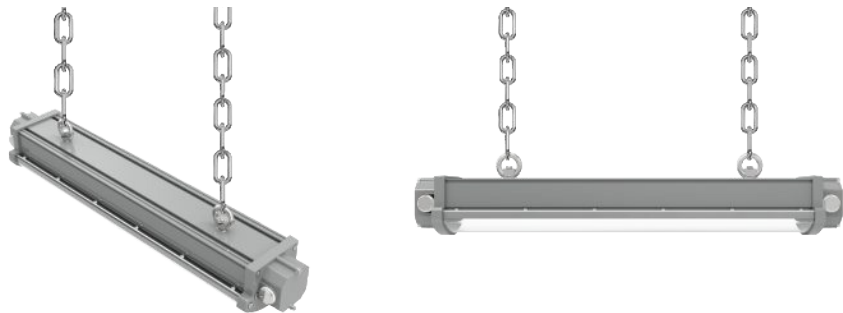
5.Color Temperature	6.Beam Angle	7.Emergency Function Optional
“Z” can be 27 to 65 denotes 2700K to 6500K, and each 100K gradually increase, max 6500K	“D” can be: D90: 90° D120: 120°	DC: DC input Blank: AC input EM: AC input with emergency power

Mounting Methods

- Pole Mounting



- Pendant Mounting



- Wall/Surface Mounting

