



[1]

EC-Type Examination Certificate

[2] **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 94/9/EC

[3] EC – Type Examination Certificate Number : **IEP 15 ATEX 0326**

[4] Equipment : **NJZ-FEL x Type LED Floodlights**

[5] Manufacturer : **Nanjing JingZe Lighting Technology Co., Ltd.**

[6] Address : **Room 516, No.8 Heng Fei Rd, National Economical Technological Development Zone Nanjing, CHINA**

[7] This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] The IEP Uluslararası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti. , notified body number 2284 in accordance with of the Council Directive 94/9/EC of 23 March 1994 certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements related to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr : IEP - RP.Ex - 10.765 date 28.05.2015.

[9] Compliance with Essential Health and safety requirements has been assured by compliance with;

EN 60079-0:2009 , EN 60079-1:2008 , EN 60079-31:2009

[10] If the sign “ X “ is placed after the certificate number , it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-Type Examination Certificate relates only to the design examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[12] The marking of the equipment or protective system shall include the following:



II 2G Ex d IIB T5 Gb

II 2D Ex tb IIIC 95°C Max Db IP 66

Responsible Person :

Nurettin Terzioglu
Head of Certification Body

Date of Issue : 26.06.2015





[13] Schedule

[14] Certificate Nr : **IEP 15 ATEX 0326**

[15] Description of Equipment Protective System

The NJZ-FEL x Type LED Floodlights designed as an inspection lamp is mounting type of electrical device. NJZ-FEL x Type LED Floodlights made from according to Aluminum. NJZ-FEL x Type LED Floodlights is equipped with cable gland d or e type .To must be used of ground cable 4 mm² (min) and HD 21.13.S1/HD.22.4.S4.

LED Floodlights has been evaluated in the contents of IP 66.

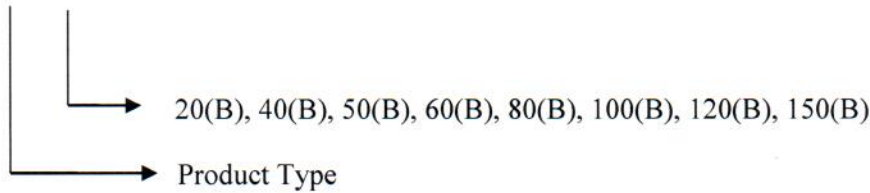
LED Floodlight use as 1 and 2 that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard.

Technical Parameters : NJZ-FEL x Type LED Floodlights

Type	Power (Max.)
NJZ-FEL-20(B)	20W
NJZ-FEL-40(B)	40W
NJZ-FEL-50(B)	50W
NJZ-FEL-60(B)	60W
NJZ-FEL-80(B)	80W
NJZ-FEL-100(B)	100W
NJZ-FEL-120(B)	120W
NJZ-FEL-150(B)	150W
Operating Voltage AC 100 ~ 270 V , 50-60 Hz.	
Operating Temperature (-30 ~ +50 °C)	

Floodlights Product Code System

NJZ-FEL X



Responsible Person :

Nurettin Terzioglu
Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti.
MTK Sitesi 5746/1 Sok. No:9 K:2 Camdibi – IZMIR / TURKEY

Tel : +90 232 431 17 45 46 & Fax : +90 232 431 17 30 Fr 65 Number of Pages : 2 / 3

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[16] Report Nr : IEP - RP.Ex - 10.765

Report Date : 28.05.2015

[17] This certificate is in the contents of standards that mentioned in item [9] It has been accepted that Floodlights is manufactured according to the producer instructions and the standards mentioned above.

[18] Information's of mounting instruction manual of 5pages approved and date March 2015.

[19] List of Documentation ;

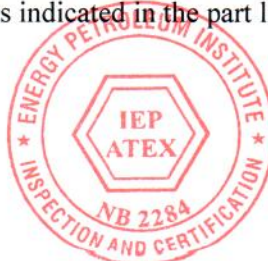
Drawing Nr ;	Drawing Name ;	Date ;
NJZ-FEL-B01-00	General assembly	23.04.2015
NJZ-FEL-B01-01	Supply cavity cover	23.04.2015
NJZ-FEL-B01-02	Power supply cover	23.04.2015
NJZ-FEL-B01-03	Light source cavity	23.04.2015
NJZ-FEL-B01-04	Light source cavity cover	23.04.2015
NJZ-FEL-B01-05	Light source sealing ring	23.04.2015
NJZ-FEL-B01-06	Power supply sealing ring	23.04.2015
NJZ-FEL-B01-08	Transparent glass	23.04.2015
NJZ-FEL-B01-09	Name plate	23.04.2015
NJZ-FEL-B01-10	Led light source plate	23.04.2015
NJZ-FEL-B01-11	Led driver	23.04.2015
NJZ-FEL-B01-12	Connector base	23.04.2015
NJZ-FEL-B01-13	U-tape frame	23.04.2015
NJZ-FEL-B01-14	Seal ring	23.04.2015
NJZ-FEL-B01-15	Electrical schematic diagram	23.04.2015
NJZ-FEL-B01-16	Ground connection	23.04.2015
NJZ-FEL-B01	Exploded drawing	23.04.2015
NJZ-FEL-B00-00	General assembly	23.02.2015
NJZ-FEL-B00-01	Power supply cavity cover	02.2015
NJZ-FEL-B00-02	Power supply cover	02.2015
NJZ-FEL-B00-03	Light source cavity	02.2015
NJZ-FEL-B00-04	Light source cavity cover	02.2015
NJZ-FEL-B00-05	Light source sealing ring	02.2015
NJZ-FEL-B00-06	Power supply sealing ring	02.2015
NJZ-FEL-B00-08	Led light source plate	02.2015
NJZ-FEL-B00-09	Transparent glass	02.2015
NJZ-FEL-B00-10	Name plate	02.2015
NJZ-FEL-B00-12	Led driver	02.2015
NJZ-FEL-B00-13	Connector base	02.2015
NJZ-FEL-B00-14	U-tape frame	02.2015
NJZ-FEL-B00-15	Seal ring	02.2015
NJZ-FEL-B00-16	Electrical schematic diagram	02.2015
NJZ-FEL-B00-17	Ground connection	02.2015
NJZ-FEL-B00	Exploded drawing	02.2015

Part inside of NJZ-FEL x type floodlights indicated in the part list and equipment list, date 23.04.2015.

Responsible Person ;

Nurettin Terzioglu
Head of Certification Body

Date of Issue : 26.06.2015



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