

(1) **EU-Type Examination Certificate**
(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 2014/34/EU

(3) EU – Type Examination Certificate Number: **IEP 23 ATEX 1254**

(4) Product: **BLK x Type LED Floodlights**

(5) Firm Name: **RED Sky Lighting LLC**

(6) Firm Address: **Room 516, No.8 HengFei Rd, National Economical Technological Development Zone
Nanjing, CHINA**

(7) This product 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 Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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.10-2546 (date 03.07.2023) and IEP-Rp.Ex-10.765-R (date 18.09.2019)

(9) Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014

(10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:



II 2G Ex db IIB T5 Gb

II 2D Ex tb IIIC (T 95°C Max) Db, IP 66

Responsible Person :
Nurettin Terzioglu
Head of Certification Body



Date of Issue : 04.07.2023





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(13) Schedule

(14) Certificate Nr: **IEP 23 ATEX 1254**

(15) Description of Equipment:

The BLK-X Type LED Floodlights designed as an inspection lamp is mounting type of electrical device. BLK-X Type LED Floodlights made from according to Aluminum. BLK-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.

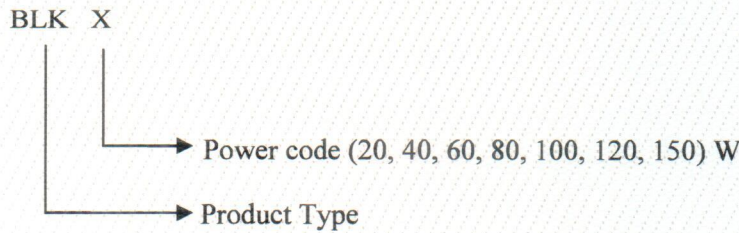
LED Floodlight use as 1 and 2 that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard.

Technical Parameters : BLK-X Type LED Floodlights

Type	Power (Max.)
BLK-20-100-240	20W
BLK-40-100-240	40W
BLK-60-100-240	60W
BLK-80-100-240	80W
BLK-100-100-240	100W
BLK-120-100-240	120W
BLK-150-100-240	150W
Operating Voltage AC 100 ~ 240 V , 50-60 Hz.	
Operating Temperature (-30 ~ +50 °C)	

Note: Installation should be done by authorized personnel in accordance with the standard and the user manual. If there is a change in the lamp and its parts, the certificate will be invalid.

Floodlights Product Code System



Responsible Person :

Nurettin Terzioglu
Head of Certification Body





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(17) This certificate is in the contents of standards that mentioned invite(9) It has been accepted that Floodlights are manufactured according to the producer instructions and the standards mentioned above.

(18) Information's of mounting instruction manual of 5 pages approved and date March 2023.

(19) Drawings:

Drawing No.	Drawing name	Date
BLK-60-01.01	The power supply cavity cover	08.05.2023
BLK-60-01.02	The power supply cavity	08.05.2023
BLK-60-01.03	The light source cavity	08.05.2023
BLK-60-01.04	Light source cavity cover	08.05.2023
BLK-60-01.05	The light source cavity sealing ring	08.05.2023
BLK-60-01.06	Power supply cavity sealing ring	08.05.2023
BLK-60-01.07	Explosion-proof Glen Head	08.05.2023
BLK-60-01.08	Transparent glass	08.05.2023
BLK-60-01.09	Nameplate	08.05.2023
BLK-60-01.10	LED light source plate	08.05.2023
BLK-60-01.11	LED Driver	08.05.2023
BLK-60-01.12	Connector base	08.05.2023
BLK-60-01.13	U-tape frame	08.05.2023
BLK-60-01.14	Seal ring	08.05.2023
BLK-60-01.15	Electrical schematic diagram	08.05.2023
BLK-60-01.16	Ground connection drawing	08.05.2023
BLK-60-100-240	General assembly drawing	08.05.2023
BLK-60-100-240	Explosive view	08.05.2023
BLK-150-00.01	The power supply cavity cover	08.05.2023
BLK-150-00.02	The power supply cavity	08.05.2023
BLK-150-00.03	The light source cavity	08.05.2023
BLK-150-00.04	Light source cavity cover	08.05.2023
BLK-150-00.05	The light source cavity sealing ring	08.05.2023
BLK-150-00.06	Power supply cavity sealing ring	08.05.2023
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BLK-150-00.15	Seal ring	08.05.2023
BLK-150-00.16	Electrical schematic diagram	08.05.2023
BLK-150-00.17	Ground connection drawing	08.05.2023
BLK-150-100-240	General assembly drawing	08.05.2023
BLK-150-100-240	Explosive view	08.05.2023

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

Responsible Person :
Nurettin Terzioğlu
Head of Certification Body

Date of Issue : 04.07.2023



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