



Pelsan Ex-Proof Armatürleri

Kimya ve Boya Tesisleri
Petrol Depolama Tesisleri
Petrol Dolum Boşaltım Tesisleri
Liman & Tersaneler, Enerji Santralleri
Endüstriyel Tesisler ve Akaryakıt İstasyonlarında

Güvenle Kullanabilirsiniz!



Largo
Ex-Proof T8 Etanj Armatür



Sia
Ex-Proof Yüksek Tavan Armatürü



Largo
Ex-Proof LED Etanj Armatür



Piroliz
Ex-Proof Kanopi Armatür



Nairo
Ex-Proof Projektör



Riskli alanlarda ATEX Belgeli
Pelsan Ex-Proof armatürlerle
aydınlatma ihtiyacınızı
güvenle çözebilirsiniz !

**ZONE
2**

Gaz Patlama
Koruması

**ZONE
22**

Toz Patlama
Koruması



-20....+50 Arası
Çalışma Sıcaklığı

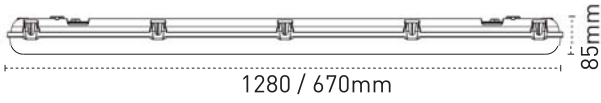


IP66 Su ve
Toz Almaz

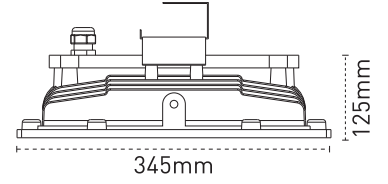
Ex-Proof T8 Etanj Armatür



Ex-Proof LED Etanj Armatür



Ex-Proof Yüksek Tavan Armatürü



Largo Ex-Proof GRP

| Ürün Kodu | 108458 | 108459 | 108297 | 108298 |
|-------------------|--------|--------|-----------|-----------|
| Güç [W] | 25 | 45 | 2x18 | 2x36 |
| Işık Akısı [lm] | 2500 | 4500 | T8 | T8 |
| RenkSıcaklığı [K] | 6500 | 6500 | Opsiyonel | Opsiyonel |
| IP Sınıfı | IP65 | IP65 | IP65 | IP65 |

Sia Ex-Proof Alüminyum Enjeksiyon

| Ürün Kodu | 106615 | 106616 | 106617 | 106618 | 106619 |
|-------------------|--------|--------|--------|--------|--------|
| Güç [W] | 50 | 75 | 100 | 125 | 150 |
| Işık Akısı [lm] | 6000 | 8625 | 11000 | 13125 | 15000 |
| RenkSıcaklığı [K] | 6500 | 6500 | 6500 | 6500 | 6500 |
| IP Sınıfı | IP66 | IP66 | IP66 | IP66 | IP66 |



IP65 Su ve Toz Almaz

IK08

IK08 Koşullarına Dayanıklı



+120lm/W Yüksek Verimlilik

CRI>80

Renksel Geriverim İndeksi

CCT

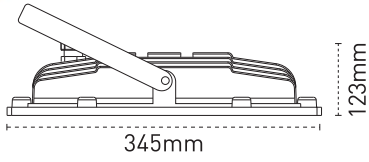
3000/4000/6500K Renk Sıcaklığı

RAL 1023

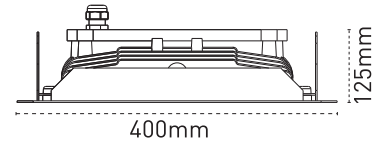
Sarı Gövde Rengi



Ex-Proof Projektör



Ex-Proof Kanopi Armatür



Nairo Ex-Proof Alüminyum Enjeksiyon

| Ürün Kodu | 106498 | 106499 | 106500 | 106501 | 106502 |
|-------------------|--------|--------|--------|--------|--------|
| Güç [W] | 50 | 75 | 100 | 125 | 150 |
| Işık Akısı [lm] | 6000 | 8625 | 11000 | 13125 | 15000 |
| RenkSıcaklığı [K] | 6500 | 6500 | 6500 | 6500 | 6500 |
| IP Sınıfı | IP66 | IP66 | IP66 | IP66 | IP66 |

Piroliz Ex-Proof Alüminyum Enjeksiyon

| Ürün Kodu | 106578 | 106579 | 106580 | 106581 | 106582 |
|-------------------|--------|--------|--------|--------|--------|
| Güç [W] | 50 | 75 | 100 | 125 | 150 |
| Işık Akısı [lm] | 6000 | 8625 | 11000 | 13125 | 15000 |
| RenkSıcaklığı [K] | 6500 | 6500 | 6500 | 6500 | 6500 |
| IP Sınıfı | IP66 | IP66 | IP66 | IP66 | IP66 |



ATEX Belgesi

ATEX Belgeli Pelsan Ex-Proof armatürler, tehlikeli gaz ve toz maddelerinin bulunduğu, patlama riski olan ortamlarda güvenle kullanılabilir.

IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(1) **Type Examination Certificate**
(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**
Directive 2014/54/EU

(3) **Certificate No:** IEP 18 ATEX 0097

(4) **Equipment:** Large Type 1 Exposed Luminaire

(5) **Firm Name:** PELSAN AYDINLATMA SANAYİ VE TİCARET A.Ş.

(6) **Firm Address:** İhsan Sancar Sırtı A Blok 101 Sok. No:38 Düşük Enerjili - İSTANBUL - TÜRKİYE

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

(8) The IEP (Institute Energy Petrol Gaz), Sertifikasyon ve Tehlikeli Ortamlar Organizasyonu Tic. Ltd. Şti., certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of category 1 equipment, which is intended for use in potentially explosive atmospheres, given in Annex II of the Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rp.Ex.18-1281 dated 24.05.2018.

(9) Compliance with Essential Health and safety requirements has been assessed by compliance with:
EN 60779-0:2012, EN 60779-15:2018, EN 60779-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Sale (not specified in the schedule to this certificate).

(11) This Type Examination Certificate relates only to the design and specifications for construction of the equipment or protective systems. It does not extend to the manufacturing process for actual manufacture or supply of the equipment or protective systems, for which further requirements of the directive are applicable.

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

II 3G Ex nR IIC T6 Gc
II 3D Ex nR IIC T6 Gc

Responsible Person: Nurgün Terzioğlu
Head of Certification Body

Date of Issue: 31.05.2018

IEP (Institute Energy Petrol Gaz), Sertifikasyon ve Tehlikeli Ortamlar Organizasyonu Tic. Ltd. Şti. Çelik Sok. No:38 Kat:22 Dükkan: 22/011 - İstanbul - Türkiye Tel: +90 212 431 1700 - E-mail: info@pelsan.com.tr
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IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(12) **Schedule**
(14) **Certificate No:** IEP 18 ATEX 0097
(15) **Description of Equipment:**
Large Type 1 Exposed Luminaires are designed to be used against burst resistant conditions. Large Type 1 Exposed Luminaires can be used in zone 2 and zone 22 electric devices and can be used in IIC gas group and IIC dust group. There are related explanations in the product manual. Installation must conform to the appropriate manual. Led driver protection IP 67. Luminaires have been evaluated in the contents of IP 65. Large Type Luminaires can be used at Zone 2 and Zone 22, defined at the EN 60779-10-1 and 60779-10-2 standards.

Technical Specifications:

| Types | Power (W) | Length (mm) | Frequency (Hz) | Supply Voltage (V AC) | IP Protection Class |
|-----------------------------|-----------|-------------|----------------|-----------------------|---------------------|
| Large II 3G Ex nR IIC T6 Gc | 25/18 | 40 | 50 / 60 | 220 - 240 | IP 65 |
| Large II 3D Ex nR IIC T6 Gc | 25/18 | 170 | 50 / 60 | 220 - 240 | IP 65 |
| Large LED | 25/18 | 40 | 50 / 60 | 220 - 240 | IP 65 |
| Large LED | 41/9 | 120 | 50 / 60 | 220 - 240 | IP 65 |

(17) **Essential Health and Safety Requirements:**
17.1 This certificate is in the contents of standards that mentioned in item 9. It has been accepted that Large Type 1 Exposed Luminaires are manufactured according to the producer instructions and the standards mentioned above.
17.2 Information of mounting instruction manual of Large Type 1 Exposed Luminaires have been approved 1 page and date 2018.

(18) **List of Documentation:**
• Large Type 1 Exposed Luminaires user manual [1 page, dated 2018]
• IEP Test Report : Reports No: 1801100310 - 1801100312 / 23.05.2018
• Drawings:

| Drawing No: | Drawing Name: | Date: |
|-------------|------------------|------------|
| 018-007-00 | Assembly Drawing | 13.03.2018 |
| 018-007-01 | Options | 13.03.2018 |
| 018-007-02 | Body | 13.03.2018 |
| 018-007-03 | Cover | 13.03.2018 |

For the validity of analysis type certificates, the parts that are used Large Type 1 Exposed Luminaires, are determined in confirmed in the list of equipment page 1, dated 2018.

Responsible Person: Nurgün Terzioğlu
Head of Certification Body

Date of Issue: 31.05.2018

IEP (Institute Energy Petrol Gaz), Sertifikasyon ve Tehlikeli Ortamlar Organizasyonu Ticari Limited Şirketi (Ticari Ltd. Şti.) Pelsan - IPEBEN - İPEBEN : Çelik Sokak No:38 Düşük Enerjili - İstanbul - Türkiye Tel: +90 212 431 1700 - E-mail: info@pelsan.com.tr
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IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(1) **EU- Internal Production Control Certificate**
(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**
Directive 2014/54/EU

(3) **Certificate No:** IEP 18 ATEX 0408

(4) **Product:** Led lighting fixtures, Pelsan sy series

(5) **Firm Name:** PELSAN AYDINLATMA SANAYİ VE TİCARET A.Ş.

(6) **Firm Address:** İhsan Sancar Sırtı A Blok 101 Sokak No:38 Düşük Enerjili - İSTANBUL - TÜRKİYE

(7) This product any of acceptable variation therein is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP (Institute Energy Petrol Gaz), Sertifikasyon ve Tehlikeli Ortamlar Organizasyonu Tic. Ltd. Şti., certified body number 2284 in accordance with Article 17 of the Directive 2014/54/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 of the Directive. The examination and test results are recorded in confidential Report No: IEP.Rp.Ex.18-1037 dated 18.11.2016.

(9) Compliance with Essential Health and safety requirements has been assessed by compliance with:
EN 60779-0 : 2012, EN 60779-15: 2018, EN 60779-31 : 2009

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Sale (not specified in the schedule to this certificate).

(11) This EU Internal Production Control Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/54/EU. Further requirements of the directive apply to the manufacturing process and supply of the product. These are not covered by this certificate. Validity due to year if modified or product change, this certificate is invalid.

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

II 3G Ex nR IIC T5 Gc
II 3D Ex nR IIC (T 95 °C) Gc

Responsible Person: Nurgün Terzioğlu
Head of Certification Body

Date of Issue: 22.11.2016

IEP (Institute Energy Petrol Gaz), Sertifikasyon ve Tehlikeli Ortamlar Organizasyonu Tic. Ltd. Şti. Çelik Sok. No:38 Kat:22 Dükkan: 22/011 - İstanbul - Türkiye Tel: +90 212 431 1700 - E-mail: info@pelsan.com.tr
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IEP ENERGY PETROLEUM INSTITUTE **IEP ATEX**

(12) **Schedule**
(14) **Certificate No:** IEP 18 ATEX 0408
(15) **Description of Equipment/ Protective Systems:**
The Led lighting fixtures, Pelsan sy series designed as an floodlights, high bay and emergency are mounting type of electrical devices. Led lighting fixtures, Pelsan sy series made from according to Aluminium. Led lighting fixtures, Pelsan sy series is equipped with cable gland or a type. It must be used of ground cable 4 mm (size minimum) and minimum of 1.5 m length. Led lighting fixtures, Pelsan sy series are used in accordance with the EN 60779-10-1 and EN 60779-10-2 standard.

Technical Parameters: Led lighting fixtures, Pelsan sy series

| Type | Power (W) |
|-----------|-----------------------|
| Pelux | 30, 75, 100, 125, 150 |
| Profil | 30, 75, 100, 125, 150 |
| Yükseklik | 30, 75, 100, 125, 150 |
| Yükseklik | 30, 75, 100, 125, 150 |
| Yükseklik | 30, 75, 100, 125, 150 |

Operating Voltage: 230 V AC, 50 / 60 Hz.
Operating Temperature: 0° ~ +50 °C

Led lighting fixtures Product Code System

Pelux X Y
Power (75, 100, 125, 150)
Model, Profil, Sü, Nere (Accessory)
Mark

(16) This certificate is in the contents of standards that mentioned in item 9. It has been accepted that Led lighting fixtures are manufactured according to the producer instructions and the standards mentioned above.
(17) Information of mounting instruction manual of 4 pages approved and date 08.02.2016.

(18) **List of Documentation:**

| Drawing No: | Drawing Name: | Date: |
|-------------|---------------------|------------|
| PLS-01 | Frame | 25.01.2016 |
| PLS-02 | Body Aluminium | 25.01.2016 |
| PLS-03 | Plastic Drive Cover | 25.01.2016 |
| PLS-04 | Score Cross Section | 25.01.2016 |
| PLS-05 | Exploded Drawing | 25.01.2016 |
| PLS-06 | Assembly | 25.01.2016 |
| PLS-07 | Plastic Reflector | 25.01.2016 |
| PLS-08 | Roof Connection | 25.01.2016 |

Part details of Led lighting fixtures, Pelsan sy series indicated in the part list and equipment list, table 1 dated 08.02.2016.

Responsible Person: Nurgün Terzioğlu
Head of Certification Body

Date of Issue: 22.11.2016

IEP (Institute Energy Petrol Gaz), Sertifikasyon ve Tehlikeli Ortamlar Organizasyonu Ticari Limited Şirketi (Ticari Ltd. Şti.) Pelsan - IPEBEN - İPEBEN : Çelik Sokak No:38 Düşük Enerjili - İstanbul - Türkiye Tel: +90 212 431 1700 - E-mail: info@pelsan.com.tr
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