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Type Tip	Power Güç	Lumen Package Lümen Paketi	Efficacy Etkinlik Faktörü	IP Rating Sınıfı	Zone Class Sınıfı	Protection Koruma	Options Opsiyonlar
 Atarex Highbay / Yüksek Tavan	50W- 240W	6000lm- 29520lm	120lm/W- 132lm/W	IP66	Zone1 Zone21	II 2G Ex eb db IIB T4 Gb II 2D Ex tb IIIC T130°C Db	DALI, Emergency Unit, 30° / 60° / 90° Lens, RAL Code
 Sia G2 Highbay / Yüksek Tavan	50W - 200W	7750lm- 28000lm	Up to 155lm/W	IP66	Zone1 Zone21	II 2G Ex eb mb IIC T4....T6 Gb II 2D Ex tb IIIC (T85...120°C) Db	30°/60°/90° Asymmetric Lens
 Exta Waterproof / Etanj	50W- 150W	6800lm- 19800lm	132lm/W- 137lm/W	IP66	Zone1 Zone21	II 2G Ex db IIB T6 Gb II 2D Ex tb IIIC T85°C Db	DALI, Emergency Unit, Radar Sensor
 Piriliz G2 Canopy / Kanopi	50W - 200W	8650lm- 29600lm	Up to 173lm/W	IP66	Zone1 Zone21	II 2G Ex eb mb IIC T4....T6 Gb II 2D Ex tb IIIC (T85...120°C) Db	30°/60°/90° Asymmetric Lens
 Atarex Floodlight / Projektör	50W- 480W	6000lm- 50400lm	105lm/W - 132lm/W	IP66	Zone1 Zone21	II 2G Ex eb db IIB T4 Gb II 2D Ex tb IIIC T130°C Db	DALI, Emergency Unit, 30° / 60° / 90° Lens, RAL Code
 Nairo G2 Floodlight / Projektör	50W - 200W	8650lm- 29600lm	Up to 173lm/W	IP66	Zone1 Zone21	II 2G Ex eb mb IIC T4....T6 Gb II 2D Ex tb IIIC (T85...120°C) Db	30°/60°/90° Asymmetric Lens
 Exta Emergency / Acil Aydınlatma	8W	480lm	60lm/W	IP66	Zone1 Zone21	II 2G Ex db IIB T6 Gb II 2D Ex tb IIIC T85°C Db	-

Type Tip	Power Güç	Lumen Package Lümen Paketi	Efficacy Etkinlik Faktörü	IP Rating Sınıfı	Zone Class Sınıfı	Protection Koruma	Options Opsiyonlar
 Inovaled G3 Highbay / Yüksek Tavan	100W - 150W	12300lm - 18750lm	Up to 125lm/W	IP65	Zone2 Zone22	II 3G Ex nR IIC T4 Gc II 3D Ex tc IIIC T135 °C Dc	DALI, Emergency Unit
 Inovaled G3 Waterproof / Etanj	19W - 36W	2033lm - 3888lm	Up to 108lm/W	IP65	Zone2 Zone22	II 3G Ex nR IIC T4 Gc II 3D Ex tc IIIC T135 °C Dc	DALI, Emergency Unit
 Largo LED Waterproof / Etanj	14W - 100W	1820lm- 11200lm	Up to 130lm/W	IP65	Zone2 Zone21	II 3G Ex nR IIC T6 Gc II 2D Ex tb IIIC (T80 °C)Db,IP65	DALI, Emergency Unit, Microwave Sensor
 Nairo Floodlight /Projektör	50W - 200W	8250lm- 28600lm	Up to 165lm/W	IP66	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens
 Elit Lirad Floodlight / Projektör	20W - 50W	2800lm- 7000lm	Up to 140lm/W	IP65	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens
 Nairo G2 Road & Street / Yol & Cadde	50W - 200W	8250lm- 29600lm	Up to 173lm/W	IP66	Zone1 Zone21	II 2G Ex eb mb IIC Tx G6 II 2D Ex tb IIIC (Tx °C) D6 IP66	Asymmetric Lens
 Ausled / Raused Emergency / Acil Aydınlatma	5W / 15W	500lm- 1500lm	110lm/W	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T85°C) Dc	Exit Stickers Surface / Recessed Mounted
 Largo LED Tube Waterproof / Etanj	Single/ Double	-	-	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T80°C) Dc	-
 Largo T8 Waterproof /Etanj	2x18W/ 2X36W	-	-	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T80°C) Dc	-



ATEX Documents Belgeleri

IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

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

(3) EU - Type Examination Certificate Number: IEP 24 ATEX 1655X

(4) Product: LARGO G2 Type LED Luminaires

(5) Firm Name: PEŞAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ

(6) Firm Address: Bankalar Cad. Emekyemez Mah. Yankıyığı Projesi Sok. No:11 Karaköy /İstanbul - TÜRKİYE

(7) Production Address: Çerçeli Mah. İMES OSB Mah. 5. Cad. No:12 Dİbazar /Kocaeli - TÜRKİYE

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

(9) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.3114.466.07.02.2024.

(10) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2019, EN 60079-21:2014

(11) 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.

(12) This EU-Type Examination 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 this product. These are not covered by this certificate.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Date of Issue: 09.07.2025

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
Tic. Sic. No:22.841.1746 - E-mail: info@iep.org.tr
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ATEX - Ex-Proof Largo G2 Waterproof Luminaires

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) Type Examination Certificate Number: IEP 21 ATEX 0098

(4) Equipment: ERL Lirad Type, LED Projector

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

(6) Firm Address: İnce Sanayi Sitesi A Blok 101 Sok. No:38 Y.Đadaula - İSTANBUL /TÜRKİYE

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

(8) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 category 3 equipment, which is intended for use in potentially explosive atmospheres, given in Annex II to the Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.2564.06.16.16.2021.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-7:2015, 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 Type Examination Certificate relates only to the design and specifications for construction of the equipment or protective system. It does not cover process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Date of Issue: 08.10.2021

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
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ATEX - Ex-Proof Erit Lirad Luminaires

IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

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

(3) EU - Type Examination Certificate Number: IEP 24 ATEX 1344X

(4) Product: ATAREX Type, Junction Box

(5) Firm Name: PEŞAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ

(6) Firm Address: Bankalar Cad. Emekyemez Mah. Yankıyığı Projesi Sok. No:11 Karaköy /İstanbul - TÜRKİYE

(7) Production Address: Çerçeli Mah. İMES OSB Mah. 5. Cad. No:12 Dİbazar /Kocaeli - TÜRKİYE

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

(9) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.3175.466.02.2024.

(10) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2019, EN 60079-31:2014

(11) 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.

(12) This EU-Type Examination 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 this product. These are not covered by this certificate.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Date of Issue: 16.02.2024

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
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ATEX - Ex-Proof Atarex Highway Luminaires

IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

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

(3) EU - Type Examination Certificate Number: IEP 24 ATEX 1345X

(4) Product: ATAREX Type Projector

(5) Firm Name: PEŞAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ

(6) Firm Address: Bankalar Cad. Emekyemez Mah. Yankıyığı Projesi Sok. No:11 Karaköy /İstanbul - TÜRKİYE

(7) Production Address: Çerçeli Mah. İMES OSB Mah. 5. Cad. No:12 Dİbazar /Kocaeli - TÜRKİYE

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

(9) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.2734.466.12.20.2024.

(10) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2019, EN 60079-31:2014

(11) 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.

(12) This EU-Type Examination 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 this product. These are not covered by this certificate.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Date of Issue: 16.02.2024

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
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ATEX - Ex-Proof Atarex Floodlight Luminaires

IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

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

(3) EU - Type Examination Certificate Number: IEP 24 ATEX 1344X

(4) Product: ERTA Series Floodlight Luminaires

(5) Firm Name: PEŞAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ

(6) Firm Address: Bankalar Cad. Emekyemez Mah. Yankıyığı Projesi Sok. No:11 Karaköy /İstanbul - TÜRKİYE

(7) Production Address: Çerçeli Mah. İMES OSB Mah. 5. Cad. No:12 Dİbazar /Kocaeli - TÜRKİYE

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

(9) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.3175.466.02.2024.

(10) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2019, EN 60079-31:2014

(11) 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.

(12) This EU-Type Examination 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 this product. These are not covered by this certificate.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Date of Issue: 16.02.2024

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
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ATEX - Ex-Proof Exta Series Luminaires

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) Type Examination Certificate Number: IEP 21 ATEX 0107

(4) Equipment: Ausled /Rausled Emergency Type, Exposed Luminaires

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

(6) Firm Address: İnce Sanayi Sitesi A Blok 101 Sok. No:38 Y.Đadaula - İSTANBUL /TÜRKİYE

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

(8) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 category 3 equipment, which is intended for use in potentially explosive atmospheres, given in Annex II to the Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.2552.06.16.16.2021.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-7:2015, 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 Type Examination Certificate relates only to the design and specifications for construction of the equipment or protective system. It does not cover process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Date of Issue: 08.10.2021

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
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ATEX - Ex-Proof Ausled-Rausled Luminaires

IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

(1) **Supplement Nr: 01**
Type Examination Certificate

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

(3) Type Examination Certificate Number: IEP 16 ATEX 0468

(4) Product: Led Lighting Fixtures, Pokay no 4010

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

(6) Firm Address: İnce Sanayi Sitesi A Blok 101 Sokak No:38 Y.Đadaula /Etiler - İSTANBUL /TÜRKİYE

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

(8) The IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti., notified body number 2284 in accordance with Article 17 of the Directive 2014/54/EU of European Parliament and of the Council, dated 29 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 category 3 equipment, which is intended for use in potentially explosive atmospheres, given in Annex II to the Council Directive 2014/54/EU. The examination and test results are recorded in confidential Report No: IEP.Rg.Ex.16.10577.466.06.06.2022.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-7:2015, 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 Type Examination Certificate relates only to the design and specifications for construction of the equipment or protective system. It does not cover process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

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

Responsible Person: Nurettin Terzioğlu, Head of Certification Body
Supplement 1 Date of Issue: 08.10.2021

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
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ATEX - Ex-Proof Sia-Nairo-Pirroliz Luminaires

IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

(1) **ÜRETİM KALİTE GÜVENCE BİLDİRİMİ**

(2) **Potansiyel Patlayıcı Atmosferde Kullanılan Ekipmanlar ve Koruyucu Sistemler**
2014/54/AB Direktifi

(3) Bildirim Sertifika Numarası: IEP 25 ATEX Q 1793

(4) Bu bildirim, bu bildirimde listelenen Ekipmanlar ve Koruyucu Sistemler veya koruyucu sistemler veya bildirimde listelenmiştir.

(5) Üretim Firması: PEŞAN AYDINLATMA SANAYİ TİCARET ANONİM ŞİRKETİ
Bankalar Cad. Emekyemez Mah. Yankıyığı Projesi Sok. No:11 Karaköy /İstanbul - TÜRKİYE

(6) Üretim Yeri: Çerçeli Mah. İMES OSB Mah. 5. Cad. 400 A Blok 5. Paravel No:11 Dİbazar /Kocaeli - TÜRKİYE

(7) 2014/54/EU Direktifinin 19. Maddesi uyarınca VII ünite 2284 sayılı Avrupa Kurulması maddelerine tabii IEP (Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu) Tic. Ltd. Şti. tarafından sağlanan Ekipmanlar, Üretim Sistemleri, EK VII maddesindeki uyarılara göre test edilmiş ve test için için üretim kalite sistemine tabii olup sertifikasyon edilmiştir.

(8) Bu bildirim 26.12.2025 tarihli IEP-Rg.Ex.16.3569 sayılı kararımızla iptal edilmiştir.

(9) Üretim bilgileri aşağıdaki gibidir:

(10) Bu bildirim 28/12/2028 tarihine kadar geçerlidir ve maddesi EK VII ünite 2284 sayılı Avrupa Kurulması maddelerine tabii karyayınlanmaktadır.

(11) Bu bildirim yalnızca bildirimde ve herhangi bir değişiklik yapılmadıkça, program dahil olmak üzere geçerlidir.

Yerleşik Kişi: Nurettin Terzioğlu, Belgelendirme Müdürü
Veriliş tarihi: 29.12.2025

IEP Uluslararası Enerji Petrol Gazları, Sertifikasyon ve Tehlikeli Hizmetler Organizasyonu Tic. Ltd. Şti. 17660 Sok. No:12 Dİbazar /Kocaeli - TÜRKİYE
Tic. Sic. No:22.841.1746 - E-mail: info@iep.org.tr
Tel: +90 212 431 17 46 - Fax: +90 212 431 17 46 - Email: info@iep.org.tr
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Üretim Kalite Güvence Sertifikası

Pelsan Ex-Proof Luminaires can be used safely in

Chemical, paint and coating facilities,
petroleum storage facilities, oil filling and
discharging facilities, ports and shipyards,
power plant & industrial plants,
fueling stations



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!**



Ex-Proof Highbay Ex-Proof Yüksek Tavan Atarex



Wide power option: 50W-240W

Gas explosion proof: ZONE 1

Dust explosion proof: ZONE21

II 2G Ex eb db IIB T4...T6 Gb

II 2D Ex tb IIIC T85...130°C Db ATEX directive

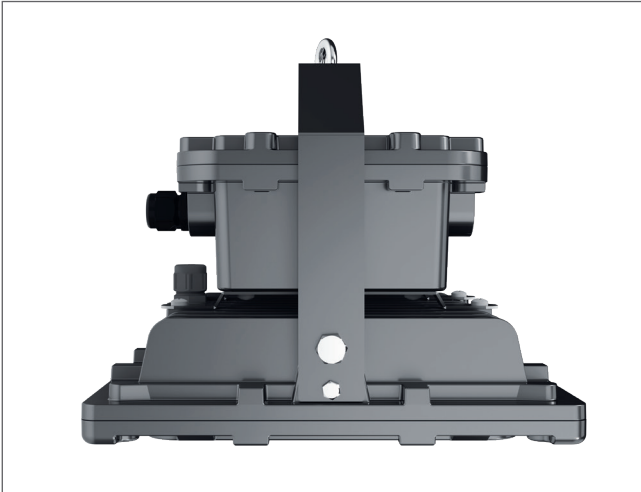
Geniş güç opsiyonu: 50W-240W

Gaz patlama koruması: ZONE 1

Toz patlama koruması: ZONE21

II 2G Ex eb db IIB T4...T6 Gb

II 2D Ex tb IIIC T85...130°C Db ATEX direktifine uygundur.



Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
115866	50	6000	6500	120	342x307x241	1	0,032	15,3
115867	100	13200	6500	132	342x307x241	1	0,032	15,3
115868	150	19350	6500	129	342x307x241	1	0,032	15,3
115869	200	25000	6500	125	342x307x241	1	0,032	15,3
115870	240	29520	6500	123	342x307x241	1	0,032	15,3

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.

Technical values have tolerance +/-%7 by the operating conditions.

Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.

Teknik sonuçlar çalışma koşullarına bağlı olarak +/-%7 toleransa sahiptir.

Mechanical Specifications

Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating Body	IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	M20	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	7043	
Mounting Type	Montaj Tipi	Surface Mounted	Sıva Üstü

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Power LED	
Reflector	Reflektör	-	
Lens	Lens	PMMA	
Diffuser	Difüzör	Clear Tempered Glass	Şeffaf Temperli Cam (10mm)
CRI		>70	
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K	
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1	
Beam Angle	Işık Açısı	30° / 60° / 90°	

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C
Standards	Standartlar	60598-2-1, EN62262, EN60529

Options

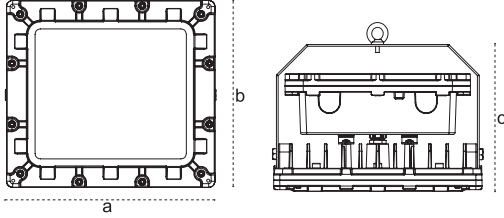
Opsiyonlar

DALI		✓
1-10V		✓
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	✓ (Ta@ 0°C / 40°C)
3hour Emergency Kit	3 Saat Acil Kit	✓ (Ta@ 0°C / 40°C)
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-
RAL Code	RAL Kodu	✓
Marine Painting	Marin Boya	-



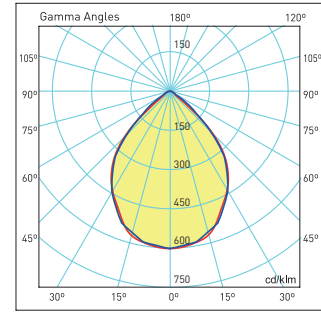
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



180.0 — 0.0 200W η :1000.0%

270.0 — 90.0

Cone Diagram

Konik Diagram

1m	8012lx-15942lx	178,24cm
2m	2003lx-3986lx	356,48cm
3m	890,3lx-1771lx	534,71cm
4m	500,8lx-996,4lx	712,95cm
5m	320,5lx-637,7lx	891,19cm
6m	222,6lx-442,8lx	1069,43cm
7m	163,5lx-325,4lx	1247,67cm
8m	125,2lx-249,1lx	1425,90cm
9m	98,92lx-196,8lx	1604,14cm
10m	80,12lx-159,4lx	1782,38cm

Height Eavg; Emax Angle: 83,41° Diameter

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Ex-Proof Highbay Ex-Proof Yüksek Tavan Sia G2



Gas explosion proof: ZONE 1
Dust explosion proof: ZONE21
II 2G Ex eb mb IIC T4....T6 Gb
II 2D Ex tb IIIC (T85...120°C)
Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 1
Toz patlama koruması: ZONE21
II 2G Ex eb mb IIC T4....T6 Gb
II 2D Ex tb IIIC (T85...120°C)
2014/34/EU ATEX direktifine uygun



Mechanical Specifications Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating	IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	PG11	
Cable	Kablo	3x1.5mm ²	
RAL Code	Ral Kodu	7043	
Mounting Type	Montaj Tipi	Surface Mounted	
		Sıva Üstü	

Optical Specifications Optik Özellikler

Light Source	Işık Kaynağı	Power LED
Reflector	Reflektör	PC
Lens	Lens	PMMA
Diffuser	Difüzör	Tempered Glass
		Temperli Cam
CRI		>70
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1
Beam Angle	Işık Açısı	30°/60°/90°/Asymmetric

Electrical Specifications Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
LED Chip Lifetime	LED Çip Ömrü	L70 Tc@105°C >137.000h
Driver Lifetime	Driver Ömrü	Tc@55°C 120.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	-20°C / 40°C
Standards	Standartlar	60598-2-1, LM79, EN 13032, LM80, EN 62262, EN 60529

Options Opsiyonlar

DALI		✓
1-10V		✓
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	-
3hour Emergency Kit	3 Saat Acil Kit	-
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-
Ral Code	Ral Kodu	✓
Marine Painting	Marin Boya	-

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
117778	50	8650	6500	173	341x341x135	1	0,01	4,84
117754	75	12225	6500	163	341x341x135	1	0,01	4,84
117753	100	15700	6500	157	341x341x135	1	0,01	4,84
117752	125	20000	6500	160	341x341x135	1	0,01	4,84
117751	150	22050	6500	147	341x341x135	1	0,01	4,84
117352	200	29600	6500	148	341x341x135	1	0,01	4,84

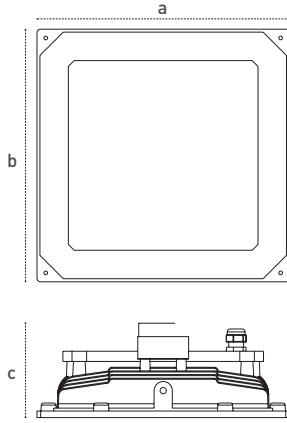
Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team. Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz. Technical values has tolerance +-%7 by the operating conditions. Teknik sonuçlar çalışma koşullarına bağlı olarak +-%7 toleransa sahiptir.

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Technical Drawing

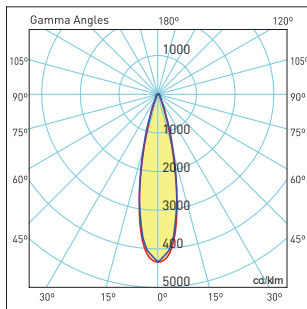
Teknik Çizim



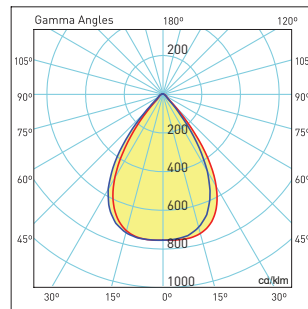
Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi

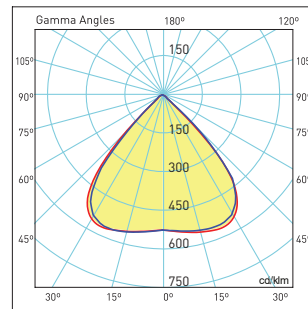
30°



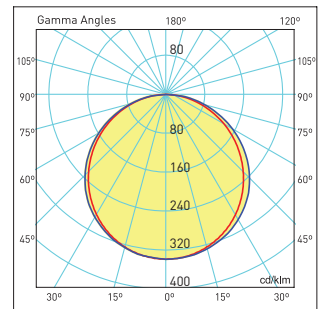
60°



90°



Asimetrik



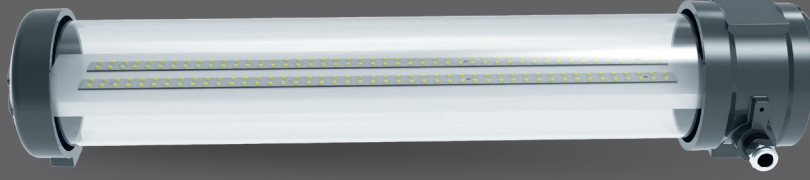
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Ex-Proof Waterproof Luminaires

Ex-Proof Etanj Armatürleri

Exta



Wide power range: 14W-150W
Up to 145lm/W efficiency
Gas explosion proof: ZONE1
Dust explosion proof: ZONE21
II 2G Ex db IIB T6 Gb
II 2D Ex tb IIIC T85°C Db ATEX directive

Geniş güç aralığı: 14W-150W
145lm/W'a varan etkinlik faktörü
Gaz patlama koruması: ZONE1
Toz patlama koruması: ZONE21
II 2G Ex db IIB T6 Gb
II 2D Ex tb IIIC T85°C Db ATEX direktifine uygundur.



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating Body	IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	M20	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	7043	
Mounting Type	Montaj Tipi	Surface Mounted / Pendant	Sıva Üstü / Sarkıt

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Mid Power LED
Reflector	Reflektör	-
Lens	Lens	-
Diffuser	Difüzör	PC
CRI		>80
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1
Beam Angle	Işık Açısı	120°

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C
Standards	Standartlar	EN60598-2-1, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2

Options

Opsiyonlar

DALI		✓
1-10V		✓
Step DIM		✓
1hour Emergency Kit	1 Saat Acil Kit	✓ [Ta@ 0°C / 40°C]
3hour Emergency Kit	3 Saat Acil Kit	✓ [Ta@ 0°C / 40°C]
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	✓

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
115871	14	2030	6500	145	471x182x168	1	0,01	3,8
115872	26	3692	6500	142	760x182x168	1	0,02	6,5
115490	35	5250	6500	150	1320x182x168	1	0,04	8
115873	50	6800	6500	136	1320x182x168	1	0,04	8
115874	75	9900	6500	132	1320x182x168	1	0,04	8
115875	100	13700	6500	137	1620x182x168	1	0,05	12
115489	150	19800	6500	132	1620x182x168	1	0,05	12

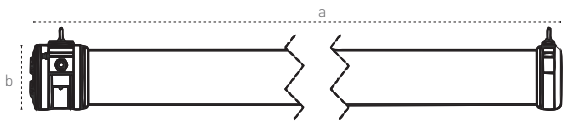
Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team. Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz. Technical values have tolerance +/-7% by the operating conditions. Teknik sonuçlar çalışma koşullarına bağlı olarak +/-7% toleransa sahiptir.

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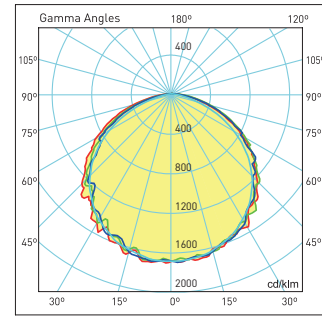
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



180.0 0.0 270.0 90.0 35W LED η :100,00%

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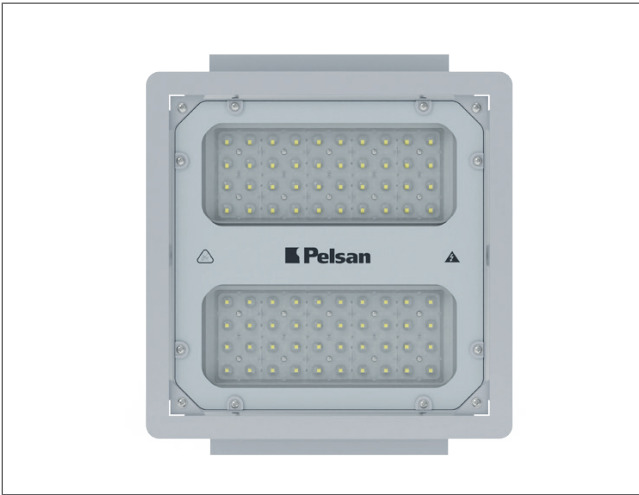
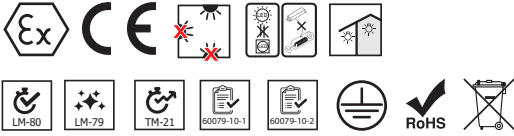
Ex-Proof Canopy Ex-Proof Kanopi

Piroliz G2



Gas explosion proof: ZONE 1
Dust explosion proof: ZONE21
II 2G Ex eb mb IIC T4....T6 Gb
II 2D Ex tb IIIC (T85...120°C) D
Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 1
Toz patlama koruması: ZONE21
II 2G Ex eb mb IIC T4....T6 Gb
II 2D Ex tb IIIC (T85...120°C) D
2014/34/EU ATEX direktifine uygun



Mechanical Specifications Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating Body	IK Gövde Sınıfı	IK08	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	PG11	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	9016	
Mounting Type	Montaj Tipi	Recessed Mounted	Sıva Altı

Optical Specifications Optik Özellikler

Light Source	Işık Kaynağı	Power LED	
Reflector	Reflektör	PC	
Lens	Lens	PMMA	
Diffuser	Difüzör	Tempered Glass	Temperli Cam
CRI		>70	
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K	
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1	
Beam Angle	Işık Açısı	30° / 60° / 90°	

Electrical Specifications Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac	
Frequency	Frekans	50-60Hz	
Class	Sınıf	I	
LED Chip Lifetime	LED Çip Ömrü	L70 Tc@105°C >102.000	
Driver Lifetime	Driver Ömrü	Tc@65°C >120.000	
Power Factor	Güç Faktörü	>0,95	
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C	
Standards	Standartlar	EN60598-2-2, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2	

Options Opsiyonlar

DALI		-	
1-10V		-	
Step DIM		-	
1hour Emergency Kit	1 Saat Acil Kit	-	
3hour Emergency Kit	3 Saat Acil Kit	-	
Electrical Protection	Elektriksel Sınıf	-	
Microwave Sensor	Radar Sensör	-	
RAL Code	RAL Kodu	✓	
Marine Painting	Marin Boya	-	

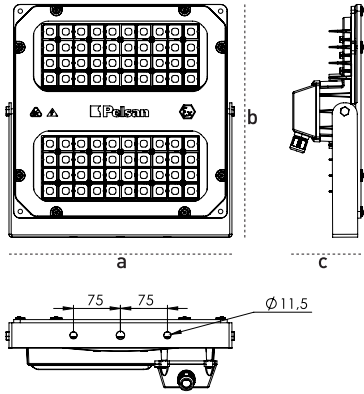
Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) a x b x c	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
117826	50	8650	6500	173	395x395x124	1	0,0243	8
117827	75	12225	6500	163	395x395x124	1	0,0243	8
117828	100	15700	6500	157	395x395x124	1	0,0243	8
117829	125	20000	6500	160	395x395x124	1	0,0243	8
117830	150	22050	6500	147	395x395x124	1	0,0243	8
117831	200	29600	6500	148	395x395x124	1	0,0243	8

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team. Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz. Technical values have tolerance +-7% by the operating conditions. Teknik sonuçlar çalışma koşullarına bağlı olarak +-7% toleransa sahiptir.

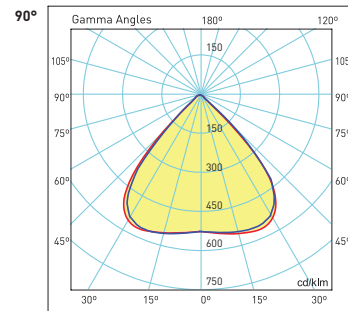
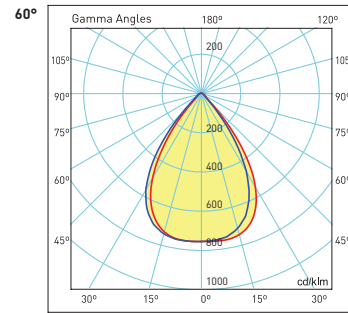
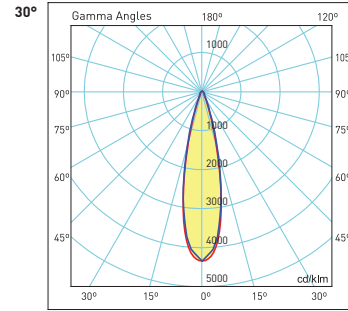
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Technical Drawing Teknik Çizim



Light Distribution Curve Işık Şiddeti Dağılım Eğrisi

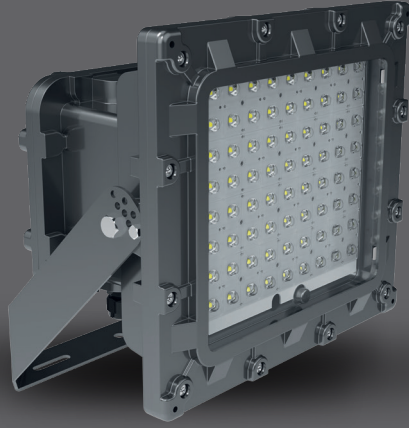


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Ex-Proof Floodlights Ex-Proof Projektörler

Atarex



Wide power option: 50W-480W

Gas explosion proof: ZONE 1

Dust explosion proof: ZONE21

II 2G Ex eb IIB T4...T6 Gb

II 2D Ex tb IIIC T85...130°C Db ATEX directive

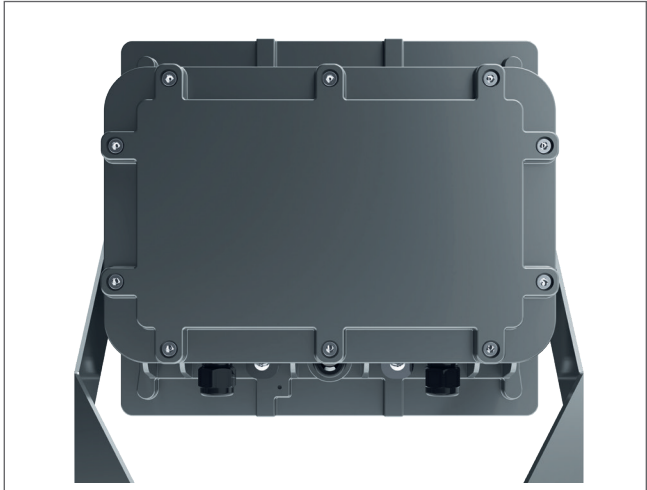
Geniş güç opsiyonu: 50W-480W

Gaz patlama koruması: ZONE 1

Toz patlama koruması: ZONE21

II 2G Ex eb IIB T4...T6 Gb

II 2D Ex tb IIIC T85...130°C Db ATEX direktifine uygundur.



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating	IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	M20	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	7043	
Mounting Type	Montaj Tipi	Pole / Ground	Direk / Zemin

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Power LED
Reflector	Reflektör	-
Lens	Lens	PMMA
Diffuser	Difüzör	Clear Tempered Glass / Şeffaf Temperli Cam (10mm)
CRI		>70
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1
Beam Angle	Işık Açısı	30° / 60° / 90°

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C
Standards	Standartlar	EN60598-2-5, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2

Options

Opsiyonlar

DALI		✓
1-10V		✓
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	✓ (Ta@ 0°C / 40°C)
3hour Emergency Kit	3 Saat Acil Kit	✓ (Ta@ 0°C / 40°C)
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-
RAL Code	RAL Kodu	✓
Marine Painting	Marin Boya	-

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
115486	50	6000	6500	120	342x350x264	1	0,04	15,5
115865	100	13200	6500	132	342x350x264	1	0,04	15,5
115864	150	19350	6500	129	342x350x264	1	0,04	15,5
115863	200	25000	6500	125	342x350x264	1	0,04	15,5
115487	240	29520	6500	123	342x350x264	1	0,04	15,5
115780	480	50400	6500	105	438x754x488	1	0,11	24,9

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.

Technical values have tolerance +-%7 by the operating conditions.

Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.

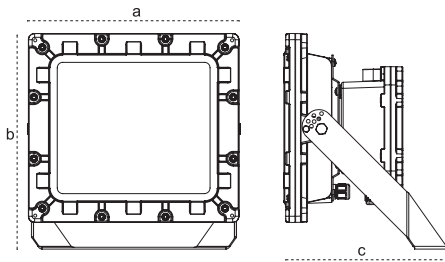
Teknik sonuçlar çalışma koşullarına bağlı olarak +-%7 toleransa sahiptir.

All your lighting needs in one address.
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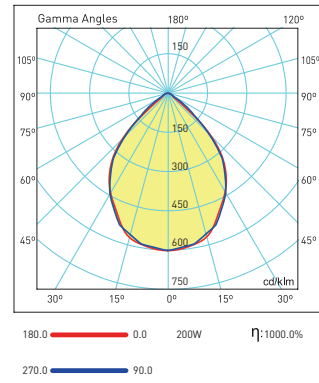
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



Cone Diagram

Konik Diagram

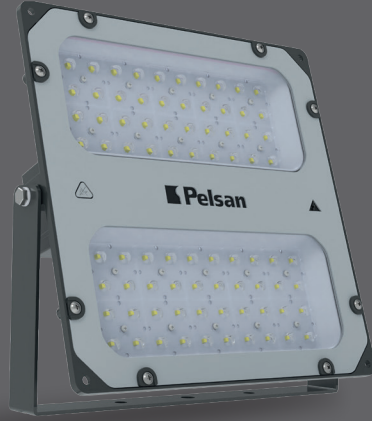
1m	8012lx-15942lx	178,24cm
2m	2003lx-3986lx	356,48cm
3m	890,3lx-1771lx	534,71cm
4m	500,8lx-996,4lx	712,95cm
5m	320,5lx-637,7lx	891,19cm
6m	222,6lx-442,8lx	1069,43cm
7m	163,5lx-325,4lx	1247,67cm
8m	125,2lx-249,1lx	1425,90cm
9m	98,92lx-196,8lx	1604,14cm
10m	80,12lx-159,4lx	1782,38cm

Height Eavg; Emax Angle: 83,41° Diameter

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Güncel ürün bilgi ve belgeleri için web sitemizi ziyaret ediniz.



Ex-Proof Floodlights Ex-Proof Projektörler Nairo G2



Gas explosion proof: ZONE1
Dust explosion proof: ZONE21
II 2G Ex eb mb IIC T4...T6 Gb
II 2D Ex tb IIIC (T85...120°C) Db
Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 1
Toz patlama koruması: ZONE21
II 2G Ex eb mb IIC T4...T6 Gb
II 2D Ex tb IIIC (T85...120°C) Db
2014/34/EU ATEX direktifine uygun



Mechanical Specifications Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating Body	IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	PG11	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	7043	
Mounting Type	Montaj Tipi	Pole / Ground	Direk / Zemin

Optical Specifications Optik Özellikler

Light Source	Işık Kaynağı	Power LED	
Reflector	Reflektör	-	
Lens	Lens	PMMA	
Diffuser	Difüzör	Tempered Glass	Temperli Cam
CRI		>70	
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K	
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1	
Beam Angle	Işık Açısı	30° / 60° / 90°	

Electrical Specifications Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac	
Frequency	Frekans	50-60Hz	
Class	Sınıf	I	
LED Chip Lifetime	LED Çip Ömrü	L70 Tc@105°C >102.000	
Driver Lifetime	Driver Ömrü	Tc@65°C >120.000	
Power Factor	Güç Faktörü	>0,95	
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C	
Standards	Standartlar	EN60598-2-5, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2	

Options Opsiyonlar

DALI		-	
1-10V		✓	
Step DIM		-	
1hour Emergency Kit	1 Saat Acil Kit	-	
3hour Emergency Kit	3 Saat Acil Kit	-	
Electrical Protection	Elektriksel Sınıf	-	
Microwave Sensor	Radar Sensör	-	
RAL Code	RAL Kodu	✓	
Marine Painting	Marin Boya	-	

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
117820	50	8650	6500	173	342x342x121	1	0,0262	8
117821	75	12225	6500	163	342x342x121	1	0,0262	8
117822	100	15700	6500	157	342x342x121	1	0,0262	8
117823	125	20000	6500	160	342x342x121	1	0,0262	8
117824	150	22050	6500	147	342x342x121	1	0,0262	8
117825	200	29600	6500	148	342x342x121	1	0,0262	8

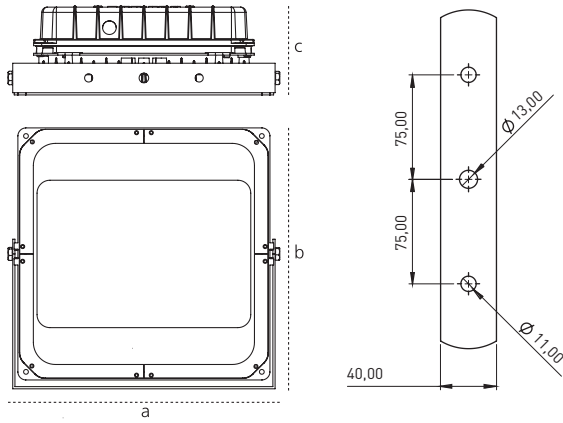
Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team. Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz. Technical values have tolerance +/-7% by the operating conditions. Teknik sonuçlar çalışma koşullarına bağlı olarak +/-7% toleransa sahiptir.

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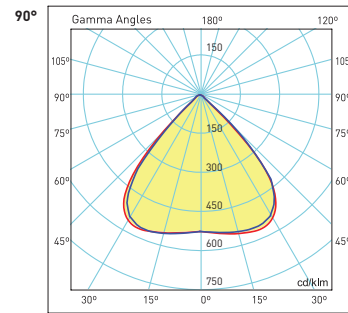
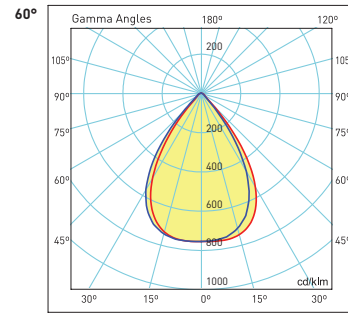
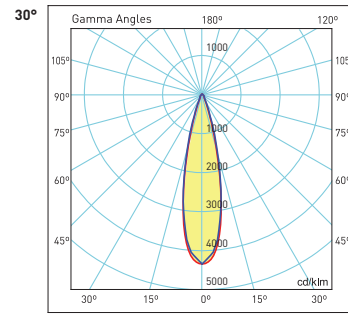
Technical Drawing

Teknik Çizim



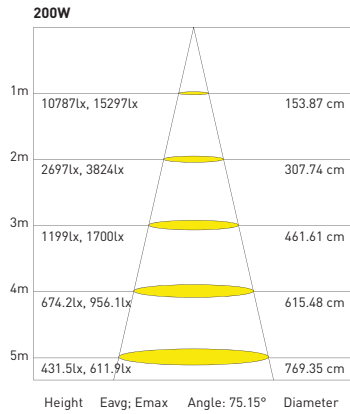
Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



Cone Diagram

Konik Diagram



Visit our website for latest product informations and documents.
Güncel ürün bilgi ve belgeleri için web sitemizi ziyaret ediniz.



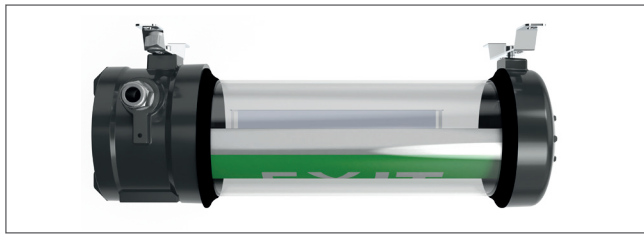
Ex-Proof Emergency Luminaires Ex-Proof Acil Aydınlatma Armatürleri

Exta



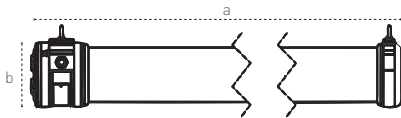
Gas explosion proof: ZONE1
Dust explosion proof: ZONE21
II 2G Ex db IIB T6 Gb
II 2D Ex tb IIIC T85°C Db ATEX directive

Gaz patlama koruması: ZONE,1
Toz patlama koruması: ZONE21
II 2G Ex db IIB T6 Gb
II 2D Ex tb IIIC T85°C Db ATEX direktifine uygun



Technical Drawing

Teknik Çizim



Mechanical Specifications Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating	Body IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	M20	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	7043	
Mounting Type	Montaj Tipi	Surface Mounted, Pendant	Sıva Üstü, Sarkıt

Optical Specifications Optik Özellikler

Light Source	Işık Kaynağı	Mid Power LED
Reflector	Reflektör	-
Lens	Lens	-
Diffuser	Difüzör	PC
CRI		>80
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1
Beam Angle	Işık Açısı	120°

Electrical Specifications Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	0°C / 45°C
Function Mode	Çalışma Şekli	Maintained/Non-Maintained Sürekli/Kesintide
Charging Indicator	Şarj Göstergesi	-
Discharging Indicator	Deşarj Göstergesi	-
Switch	Anahtar	-
Standards	Standartlar	EN60598-2-1, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2

Options Opsiyonlar

DALI		-
1-10V		-
Step DIM		-
Electrical Protection	Elektriksel Sınıf	-
RAL Code	RAL Kodu	-

Code No Ürün Kodu	Power Güç (W)	Battery Batarya	Charging Time Şarj Süresi	Discharging Time Deşarj Süresi	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Pack. Vol. Koli Hacmi (m ³)	Pack. Weight Koli Ağırlığı (kg)
115488	8	3,7V 4500mAh	24h.	3h.	480	6500	60	471x182x168	1	0,01	3,8

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.

Technical values have tolerance +/-%7 by the operating conditions.

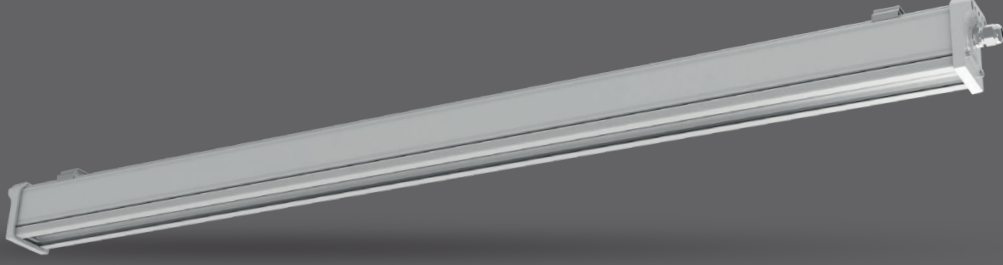
Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.

Teknik sonuçlar çalışma koşullarına bağlı olarak +/-%7 toleransa sahiptir.

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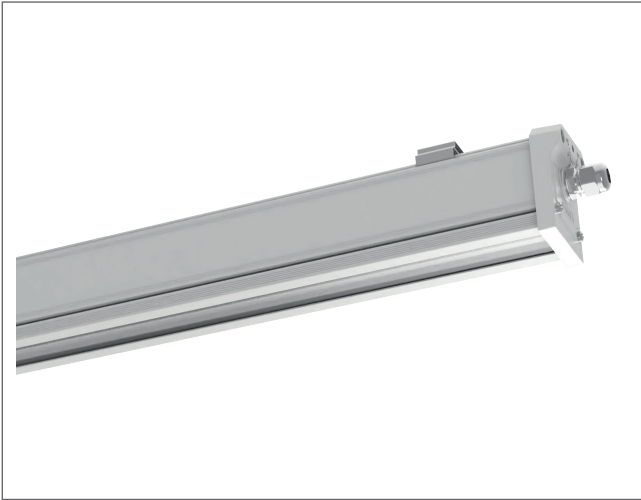


Ex-Proof Highbay Luminaires Ex-Proof Yüksek Tavan Armatürler Inovaled G3



Gas explosion proof: ZONE2
Dust explosion proof: ZONE22
II 3G Ex nR IIC T4 G6
II 3D Ex tc IIIC (T135 °C DC)

Gaz patlama koruması: ZONE2
Toz patlama koruması: ZONE22
II 3G Ex nR IIC T4 G6
II 3D Ex tc IIIC (T135 °C DC)



Mechanical Specifications

Mekanik Özellikler

Body Gövde	Aluminium Alüminyum
IP Rating IP Sınıfı	IP66
IK Rating Body IK Gövde Sınıfı	IK10
Fire Protection Alev Koruması	650°C
Cable Gland Kablo Rakor	M16x1,5
Cable Kablo	3x1mm ²
RAL Code Ral Kodu	9006
Mounting Type Montaj Tipi	Surface Mounted/Cable Tray Sıva Üstü Montaj / Kablo Tavası

Optical Specifications

Optik Özellikler

Light Source Işık Kaynağı	Mid Power LED
Reflector Reflektör	-
Lens Lens	-
Diffuser Difüzör	Tempered Glass Temperli Cam
CRI	>80
Colour Temperature Renk Sıcaklığı	3000K/4000K/6500K
Photobiological Risk Group Fotobiyolojik Risk Grubu	RG1
Beam Angle Işık Açısı	70+90°

Electrical Specifications

Elektriksel Özellikler

Input Voltage Giriş Gerilimi	220-240Vac
Frequency Frekans	50-60Hz
Class Sınıf	I
LED Chip Lifetime LED Çip Ömrü	L70 Tc@105°C >102.000h
Driver Lifetime Driver Ömrü	Tc@75°C 100.000h
Power Factor Güç Faktörü	>0,95
Operating Temperature Çalışma Sıcaklığı	-20°C / +40°C
Standards Standartlar	EN60598-2-1 LM79, EN13032, LM80, TM21, EN62262, EN60529

Options

Opsiyonlar

DALI	✓
1-10V	-
Step DIM	-
1hour Emergency Kit 1 Saat Acil Kit	✓
3hour Emergency Kit 3 Saat Acil Kit	✓
Electrical Protection Elektriksel Sınıf	-
Microwave Sensor Radar Sensör	-

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
117898	100	12300	6500	123	910x82x62	6	0,035	10,7
117897	120	15000	6500	125	1190x82x62	6	0,045	14,7
117896	150	18750	6500	125	1470x82x62	6	0,054	19,7

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.
Technical values has tolerance +/-%7 by the operating conditions.

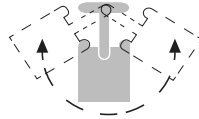
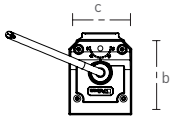
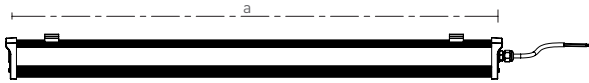
Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.
Teknik sonuçlar çalışma koşullarına bağlı olarak +/-%7 toleransa sahiptir.

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Technical Drawing

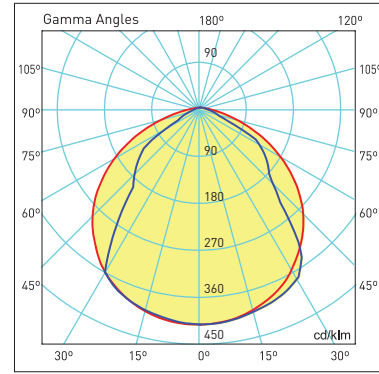
Teknik Çizim



333644 (2'li/2pcs)
Adjustable mounting angle apparatus
Açı ayarlı montaj aparatı

Light Distribution Curve

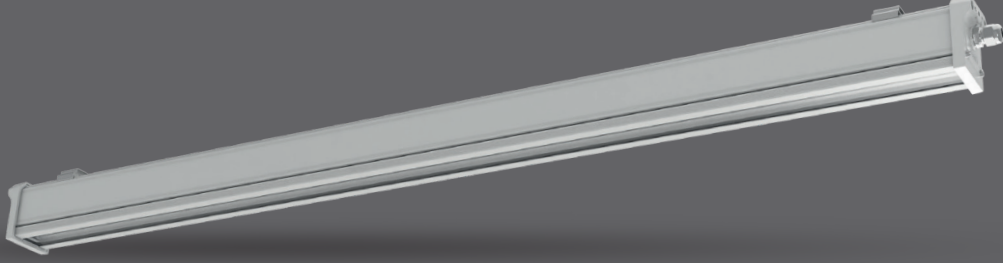
Işık Şiddeti Dağılım Eğrisi



180.00 0.0 270.0 90.0 100W LED η:100.00 %

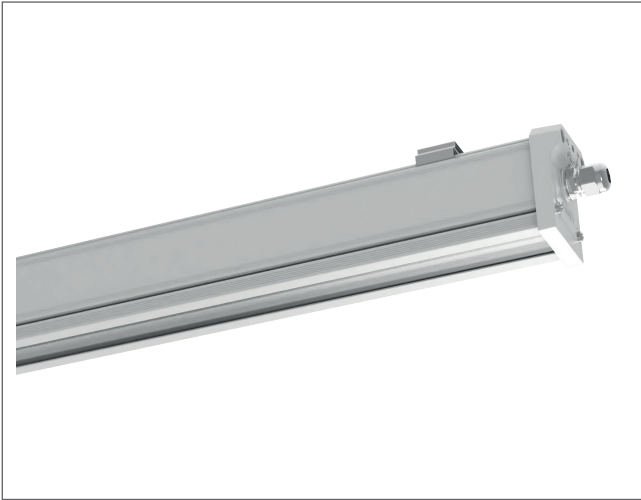


Ex-Proof Waterproof Luminaires Ex-Proof Etanj Armatürler Inovaled G3



Gas explosion proof: ZONE2
Dust explosion proof: ZONE22
II 3G Ex nR IIC T4 G6
II 3D Ex tc IIIC (T135 °C DC)

Gaz patlama koruması: ZONE2
Toz patlama koruması: ZONE22
II 3G Ex nR IIC T4 G6
II 3D Ex tc IIIC T135 °C DC



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating	IK Gövde Sınıfı	IK10	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	M16x1,5	
Cable	Kablo	3x1mm ²	
RAL Code	Ral Kodu	9006	
Mounting Type	Montaj Tipi	Surface Mounted/Cable Tray	Sıva Üstü Montaj / Kablo Tavası

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Mid Power LED	
Reflector	Reflektör	-	
Lens	Lens	-	
Diffuser	Difüzör	Tempered Glass	Temperli Cam
CRI		>80	
Colour Temperature	Renk Sıcaklığı	3000K/4000K/6500K	
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1	
Beam Angle	Işık Açısı	70+90°	

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac	
Frequency	Frekans	50-60Hz	
Class	Sınıf	I	
LED Chip Lifetime	LED Çip Ömrü	L70 Tc@105°C >102.000h	
Driver Lifetime	Driver Ömrü	Tc@75°C 100.000h	
Power Factor	Güç Faktörü	>0,95	
Operating Temperature	Çalışma Sıcaklığı	-20°C / +40°C	
Standards	Standartlar	EN60598-2-1 LM79, EN13032, LM80, TM21, EN62262, EN60529	

Options

Opsiyonlar

DALI		✓
1-10V		-
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	✓
3hour Emergency Kit	3 Saat Acil Kit	✓
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
117895	19	2033	6500	107	630x82x63	6	0,022	8,6
117894	26	2782	6500	107	910x82x63	6	0,035	10,7
117893	36	3888	6500	108	1190x82x63	6	0,045	14,7

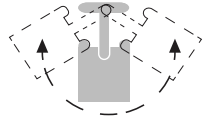
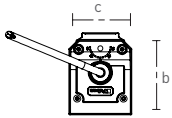
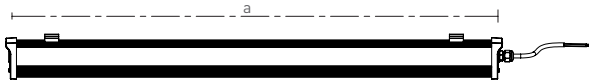
Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.
Technical values has tolerance +/-%7 by the operating conditions.

Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.
Teknik sonuçlar çalışma koşullarına bağlı olarak +/-%7 toleransa sahiptir.



Technical Drawing

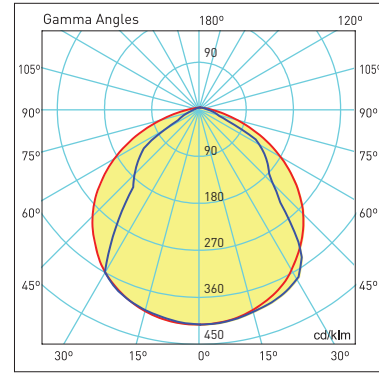
Teknik Çizim



333644 (2'li/2pcs)
Adjustable mounting angle apparatus
Açı ayarlı montaj aparatı

Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi

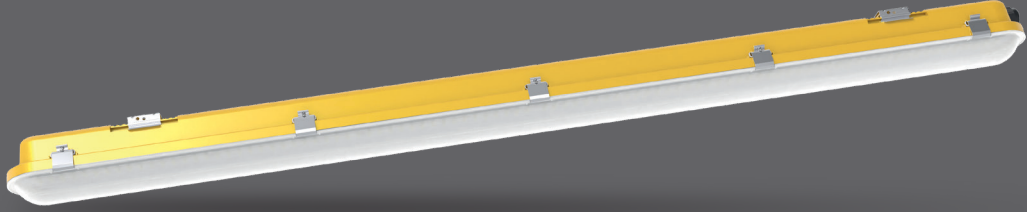


180.00 0.0 270.0 90.0 100W LED η:100.00 %



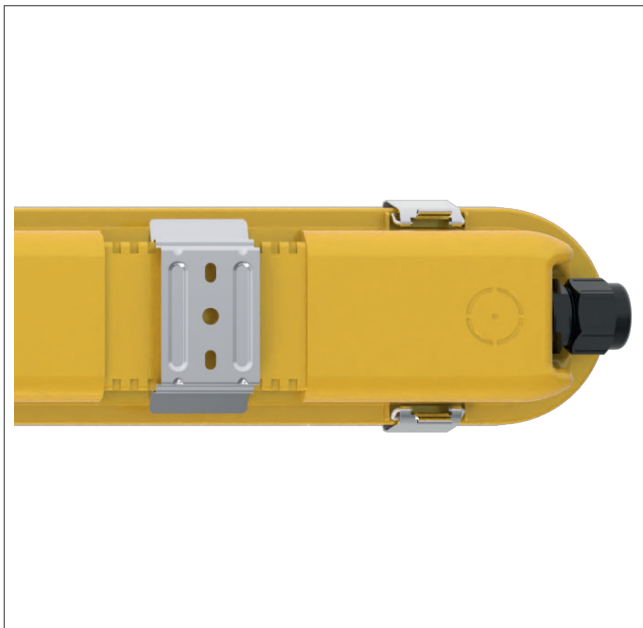
Ex-Proof Waterproof Ex-Proof Etanj

Largo G2



5 years warranty
Gas explosion proof: ZONE 2
Dust explosion proof: ZONE21
II 3G Ex nR IIC T6 Gc
II 2D Ex tb IIIC (T80 °C) Db,IP65
Easily replaceable LED module and driver,
Ease of on-site maintenance
Stainless steel latches and suspension kit
Efficiency up to 133lm/W
Opal/semi opal/ clear diffuser options
3 different sizes: 610/1150/1500mm
Wide power range 14-100W

5 yıl garanti
Gaz patlama koruması: ZONE 2
Toz patlama koruması: ZONE21
II 3G Ex nR IIC T6 Gc
II 2D Ex tb IIIC (T80 °C) Db,IP65
Kolay değiştirilebilir LED modül / sürücü
Sahada bakım kolaylığı
Paslanmaz çelik mandallar ve askı takımı
133lm/W'a varan verimlilik
Opal/yarı opal/ şeffaf difüzör seçeneği
3 farklı gövde seçeneği: 610/1150/1500mm
Geniş güç seçeneği 14-100W



Mechanical Specifications

Mekanik Özellikler	
Body Gövde	Polycarbonate Polikarbon
IP Rating IP Sınıfı	IP65
IK Rating Body IK Gövde Sınıfı	IK08
Fire Protection Alev Koruması	650°C
Cable Gland Kablo Rakor	PG11
Cable Kablo	Halogen Free Halojen Free
RAL Code Ral Kodu	1023 (600-1200mm) 9045 (1500mm)
Mounting Type Montaj Tipi	Cable Tray/Surface Mounted Kablo Tavası/Sıva Üstü

Optical Specifications

Optik Özellikler	
Light Source Işık Kaynağı	Mid Power LED
Reflector Reflektör	Metal
Lens Lens	-
Diffuser Difüzör	PC
CRI	>80
Colour Temperature Renk Sıcaklığı	3000K / 4000K / 6500K
Photobiological Risk Group Fotobiyolojik Risk Grubu	RG1
Beam Angle Işık Açısı	160°

Electrical Specifications

Elektriksel Özellikler	
Input Voltage Giriş Gerilimi	220-240Vac
Frequency Frekans	50-60Hz
Class Sınıf	I
LED Chip Lifetime LED Çip Ömrü	L70 Tc@105°C >102.000
Driver Lifetime Driver Ömrü	L70 Tc@65°C >50.000
Power Factor Güç Faktörü	>0,95
Operating Temperature Çalışma Sıcaklığı	-20°C / +50°C
Standards Standartlar	60598-2-1, LM79, EN 13032, LM80, TM21, EN 62262, EN 60529

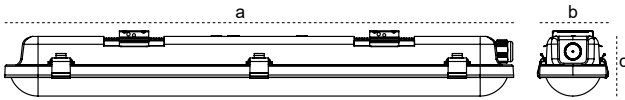
Options

Opsiyonlar	
DALI	✓
1-10V	✓
Step DIM	-
1 hour Emergency Kit 1 Saat Acil Kit	✓ (Ta@ 0°C / 40°C)
3 hour Emergency Kit 3 Saat Acil Kit	✓ (Ta@ 0°C / 40°C)
Electrical Protection Elektriksel Sınıf	-
Microwave Sensor Radar Sensör	✓



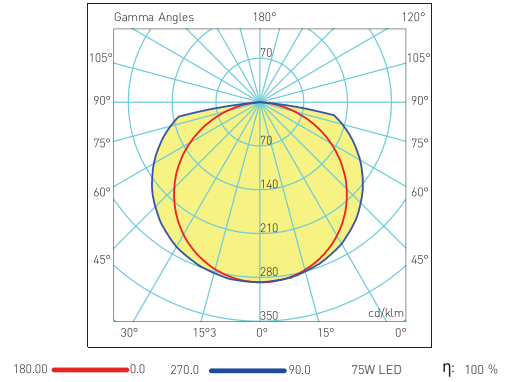
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
117570	14	1820	6500	130	610x80x75	9	0,05	11,7
117571	20	2500	6500	125	610x80x75	9	0,05	11,7
117139	27	3159	6500	117	610x80x75	9	0,05	11,7
117574	26	3458	6500	133	1150x80x75	9	0,09	22
117573	34	4420	6500	130	1150x80x75	9	0,09	22
117572	50	6500	6500	130	1150x80x75	9	0,09	22
117141	75	8550	6500	114	1150x80x75	9	0,09	22
117575	75	8850	6500	118	1500x80x75	9	0,012	27,9
117142	100	11200	6500	112	1500x80x75	9	0,012	27,9

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.
 Technical values has tolerance \pm -%7 by the operating conditions.
 Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.
 Teknik sonuçlar çalışma koşullarına bağlı olarak \pm -%7 toleransa sahiptir.

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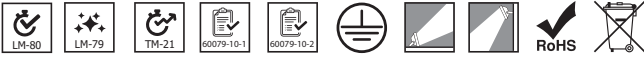
Ex-Proof Floodlights Ex-Proof Projektörler

Nairo



Gas explosion proof: ZONE 2
Dust explosion proof: ZONE22
II 3G Ex ec IIC T5 Gc
II 3D Ex tc IIIC (T95 °C) Dc
Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 2
Toz patlama koruması: ZONE22
II 3G Ex ec IIC T5 Gc
II 3D Ex tc IIIC (T95 °C) Dc
2014/34/EU ATEX direktifine uygun



Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
111372	50	8650	6500	173	342x342x121	1	0,0262	8
111371	75	12225	6500	163	342x342x121	1	0,0262	8
111370	100	15700	6500	157	342x342x121	1	0,0262	8
111369	125	20000	6500	160	342x342x121	1	0,0262	8
111368	150	22050	6500	147	342x342x121	1	0,0262	8
111055	200	29600	6500	148	342x342x121	1	0,0262	8

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team. Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz. Technical values have tolerance +-7% by the operating conditions. Teknik sonuçlar çalışma koşullarına bağlı olarak +-7% toleransa sahiptir.

Mechanical Specifications Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating Body	IK Gövde Sınıfı	IK08	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	PG11	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	1023	
Mounting Type	Montaj Tipi	Pole / Ground	Direk / Zemin

Optical Specifications Optik Özellikler

Light Source	Işık Kaynağı	Power LED	
Reflector	Reflektör	-	
Lens	Lens	PMMA	
Diffuser	Difüzör	Tempered Glass	Temperli Cam
CRI		>70	
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K	
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1	
Beam Angle	Işık Açısı	30° / 60° / 90°	

Electrical Specifications Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac	
Frequency	Frekans	50-60Hz	
Class	Sınıf	I	
System Lifetime	Sistem Ömrü	>50.000h	
Power Factor	Güç Faktörü	>0,95	
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C	
Standards	Standartlar	EN60598-2-5, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2	

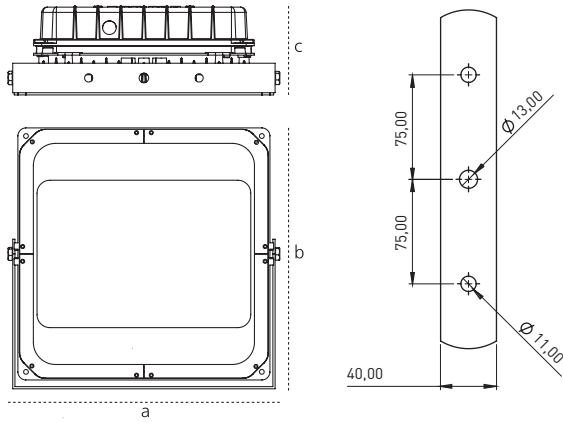
Options Opsiyonlar

DALI		-
1-10V		-
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	-
3hour Emergency Kit	3 Saat Acil Kit	-
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-
RAL Code	RAL Kodu	✓
Marine Painting	Marin Boya	-



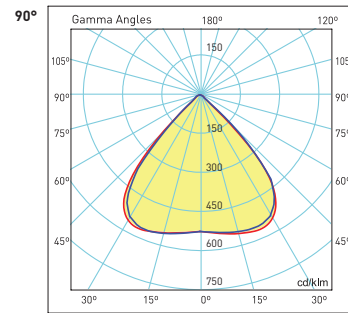
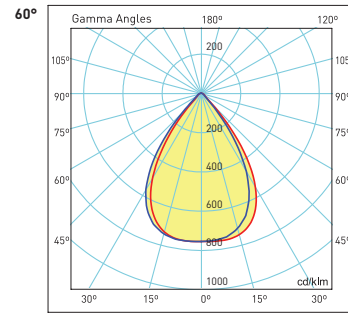
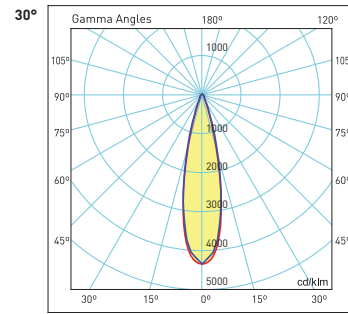
Technical Drawing

Teknik Çizim



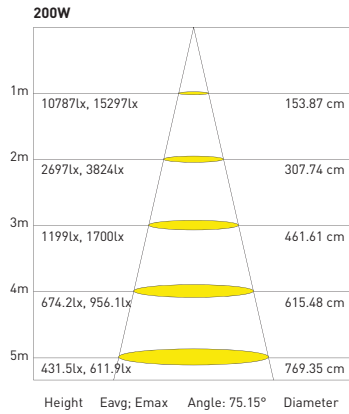
Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



Cone Diagram

Konik Diagram



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Güncel ürün bilgi ve belgeleri için web sitemizi ziyaret ediniz.



Ex-Proof Floodlights Ex-Proof Projektörler Elit Lirad



Gas Explosion Proof: ZONE 2
Dust Explosion Proof: ZONE22
II 3G Ex ec IIC T5 Gc
II 3D Ex tc IIIC (T95°C) Dc

Gaz Patlama Koruması: ZONE2
Toz Patlama Koruması: ZONE22
II 3G Ex ec IIC T5 Gc
II 3D Ex tc IIIC (T95°C) Dc



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	GRP
IP Rating	IP Sınıfı	IP65
IK Rating	IK Gövde Sınıfı	IK08
Fire Protection	Alev Koruması	650°C
Cable Gland	Kablo Rakor	M20
Cable	Kablo	3x1,5mm ²
RAL Code	Ral Kodu	1023
Mounting Type	Montaj Tipi	Pole-Ground / Direk-Zemin

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Power LED
Reflector	Reflektör	Aluminium Alüminyum
Lens	Lens	PMMA
Diffuser	Difüzör	Tempered Glass Temperli Cam
CRI		>70
Colour Temperature	Renk Sıcaklığı	3000K-4000K-6500K
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG01
Beam Angle	Işık Açısı	Symmetric / Asymmetric Simetrik / Asimetrik

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	-20°C / 45°C
Standards	Standartlar	60598-2-5, LM79, EN 13032, LM80, TM21, EN 62262, EN 60529, 60079-10-1, 60079-10-2

Options

Opsiyonlar

DALI		-
1-10V		-
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	-
3hour Emergency Kit	3 Saat Acil Kit	-
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-
RAL Code	RAL Kodu	✓
Marine Painting	Marin Boya	-

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
109707	50	7000	6500	140	200x295x175	6	0,08	18

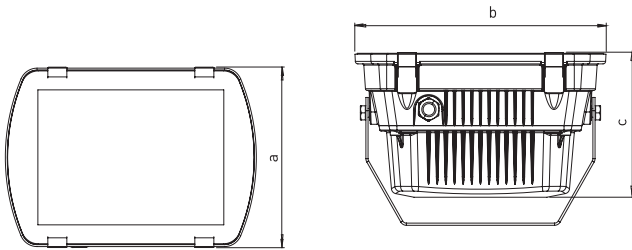
Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.
Technical values have tolerance +-7% by the operating conditions.
Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.
Teknik sonuçlar çalışma koşullarına bağlı olarak +-7% toleransa sahiptir.

All your lighting needs in one address.
Tüm aydınlatma ihtiyaçlarınız için tek adres.



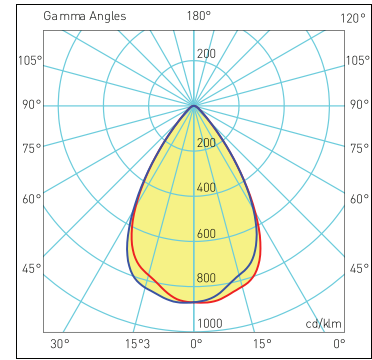
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



180.0 — 0.0 50W LED η :1000.0 %
270.0 — 90.0



Ex-Proof Road & Street Luminaires

Ex-Proof Yol & Cadde Armatürler

Nairo



Gas explosion proof: ZONE 2

Dust explosion proof: ZONE22

II 3G Ex ec IIC T5 Gc

II 3D Ex tc IIIC (T95 °C) Dc

Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 2

Toz patlama koruması: ZONE22

II 3G Ex ec IIC T5 Gc

II 3D Ex tc IIIC (T95 °C) Dc

2014/34/EU ATEX direktifine uygun



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	Aluminium	Alüminyum
IP Rating	IP Sınıfı	IP66	
IK Rating	IK Gövde Sınıfı	IK08	
Fire Protection	Alev Koruması	650°C	
Cable Gland	Kablo Rakor	PG11	
Cable	Kablo	3x1,5mm ²	
RAL Code	Ral Kodu	1023	
Mounting Type	Montaj Tipi	Pole	Direk

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Power LED	
Reflector	Reflektör	-	
Lens	Lens	PMMA	
Diffuser	Difüzör	Tempered Glass	Temperli Cam
CRI		>70	
Colour Temperature	Renk Sıcaklığı	3000K / 4000K / 6500K	
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG1	
Beam Angle	Işık Açısı	Asymmetric	Asimetrik

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac	
Frequency	Frekans	50-60Hz	
Class	Sınıf	I	
System Lifetime	Sistem Ömrü	>50.000h	
Power Factor	Güç Faktörü	>0,95	
Operating Temperature	Çalışma Sıcaklığı	-20°C / +55°C	
Standards	Standartlar	EN60598-2-3, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2	

Options

Opsiyonlar

DALI		-	
1-10V		-	
Step DIM		-	
1hour Emergency Kit	1 Saat Acil Kit	-	
3hour Emergency Kit	3 Saat Acil Kit	-	
Electrical Protection	Elektriksel Sınıf	-	
Microwave Sensor	Radar Sensör	-	
RAL Code	RAL Kodu	✓	
Marine Painting	Marin Boya	-	

Code No Ürün Kodu	Power Güç (W)	Luminous Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Console Entry Konsol Girişi (mm)	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m ³)	Package Weight Koli Ağırlığı (kg)
111367	50	8100	4000	162	485x152x352	42-60	1	0,034	8
111366	75	11775	4000	157	485x152x352	42-60	1	0,034	8
111365	100	15200	4000	152	485x152x352	42-60	1	0,034	8
111364	125	18625	4000	149	485x152x352	42-60	1	0,034	8

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team.

Technical values have tolerance +-%7 by the operating conditions.

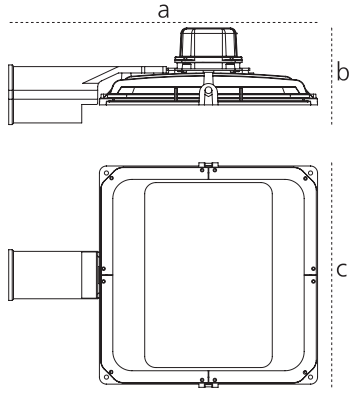
Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz.

Teknik sonuçlar çalışma koşullarına bağlı olarak +-%7 toleransa sahiptir.



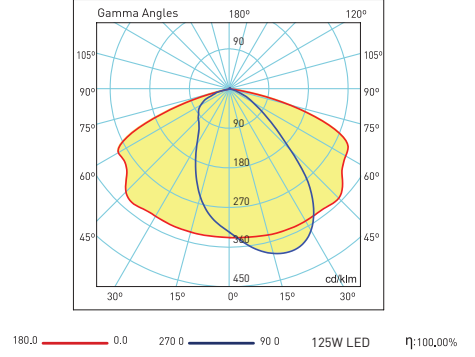
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi

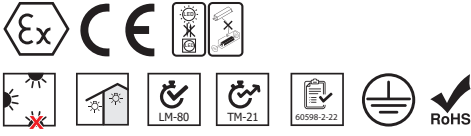


Ex-Proof Emergency Luminaires Ex-Proof Acil Aydınlatma Armatürleri Ausled & Raused



Gas Explosion Proof: ZONE 2
Dust Explosion Proof: ZONE22
II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC (T85°C) Dc

Gaz Patlama Koruması: ZONE2
Toz Patlama Koruması: ZONE22
II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC (T85°C) Dc



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	PC
IP Rating	IP Sınıfı	IP65
IK Rating	IK Gövde Sınıfı	IK08
Fire Protection	Alev Koruması	650°C
Cable Gland	Kablo Rakor	PG9/M16
Cable	Kablo	-
RAL Code	Ral Kodu	1023
Mounting Type	Montaj Tipi	Surface-Recessed Mounted Sıva Üstü - Sıva Altı

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	Power LED
Reflector	Reflektör	-
Lens	Lens	PMMA
Diffuser	Difüzör	PC
CRI		>80
Colour Temperature	Renk Sıcaklığı	3000K-4000K-6500K
Photobiological Risk Group	Fotobiyolojik Risk Grubu	RG01
Beam Angle	Işık Açısı	110°

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	>0,95
Operating Temperature	Çalışma Sıcaklığı	0°C / 45°C
Function Mode	Çalışma Şekli	Maintained / Non-Maintained Sürekli / Kesintide
Charging Indicator	Şarj Göstergesi	-
Discharging Indicator	Deşarj Göstergesi	-
Switch	Anahtar	-
Standards	Standartlar	60598-2-22, LM79, EN 13032, LM80, TM21, EN 62262, EN 60529, 60079-10-1, 60079-10-2
Options	Opsiyonlar	
DALI		-
1-10V		-
Step DIM		-
Electrical Protection	Elektriksel Sınıf	-
RAL Code	RAL Kodu	✓

Code No Ürün Kodu	Type Tip	Power Güç (W)	Battery Batarya	Charging Time Şarj Süresi	Discharging Time Deşarj Süresi	Lum. Flux Işık Akısı (lm)	Colour Temp. Renk Sıcaklığı (K)	Efficacy Etkinlik Faktörü (lm/W)	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Pack. Vol. Koli Hacmi (m³)	Pack. Weight Koli Ağırlığı (kg)
109710	Ausled	15	3,2V>1500mAh	24h	3h	1500	6500	100	350x117x76	6	0,027	5,5
111683	Raused	15	3,2V>1500mAh	24h	3h	1500	6500	100	350x117x218	6	0,027	5,5

Product codes can change by the kelvins, dimensions, or options. Please get in contact with the sales team. Ürün kodları kelvin, boyut ve opsiyonlar için değişebilir. Lütfen satış ekibi ile iletişime geçiniz. Technical values have tolerance +/-%7 by the operating conditions. Teknik sonuçlar çalışma koşullarına bağlı olarak +/-%7 toleransa sahiptir.

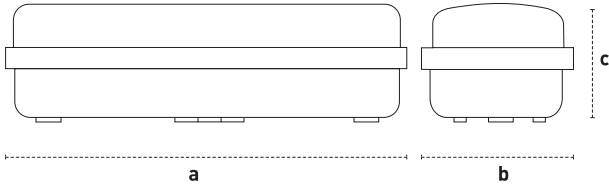


Technical Drawing

Teknik Çizim

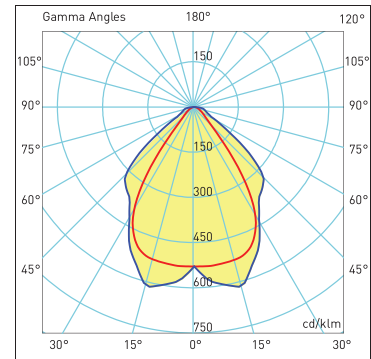
Ausled

109710 / 111644



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



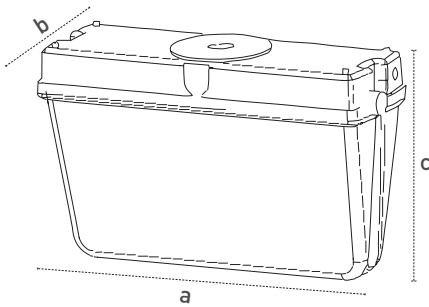
180,0 0,0 270,0 90,0 15W η :1000,0 %

Technical Drawing

Teknik Çizim

Rausled

111683



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Ex-Proof Waterproof Ex-Proof Etanj Largo LED Tube



ZONE2
ZONE22



Gas explosion proof: ZONE 2
Dust explosion proof: ZONE22
II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC (T80 °C) Dc
Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 2
Toz patlama koruması: ZONE22
II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC (T80 °C) Dc
2014/34/EU ATEX direktifine uygun



Mechanical Specifications

Mekanik Özellikler

Body	Gövde	GRP
IP Rating	IP Sınıfı	IP65
IK Rating Body	IK Gövde Sınıfı	IK08
Fire Protection	Alev Koruması	650°C
Cable Gland	Kablo Rakor	PG11
Cable	Kablo	-
RAL Code	Ral Kodu	1023
Mounting Type	Montaj Tipi	Surface Mounted Sıva Üstü

Optical Specifications

Optik Özellikler

Light Source	Işık Kaynağı	-
Reflector	Reflektör	-
Lens	Lens	-
Diffuser	Difüzör	PC
CRI		-
Colour Temperature	Renk Sıcaklığı	-
Photobiological Risk Group	Fotobiyolojik Risk Grubu	-
Beam Angle	Işık Açısı	120°

Electrical Specifications

Elektriksel Özellikler

Input Voltage	Giriş Gerilimi	220-240Vac
Frequency	Frekans	50-60Hz
Class	Sınıf	I
System Lifetime	Sistem Ömrü	>50.000h
Power Factor	Güç Faktörü	-
Operating Temperature	Çalışma Sıcaklığı	-20°C / 50°C
Standards	Standartlar	EN60598-2-1, EN62262, EN60529,

Options

Opsiyonlar

DALI		-
1-10V		-
Step DIM		-
1hour Emergency Kit	1 Saat Acil Kit	-
3hour Emergency Kit	3 Saat Acil Kit	-
Electrical Protection	Elektriksel Sınıf	-
Microwave Sensor	Radar Sensör	-
RAL Code	RAL Kodu	✓
Marine Painting	Marin Boya	-

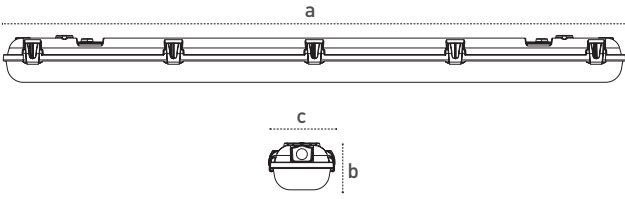
Code No Ürün Kodu	Power Güç (W)	Base Duy	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m³)	Package Weight Koli Ağırlığı (kg)
111402	1x9	1xG13	670x85x125	6	0,0414	11
111404	2x9	2xG13	670x85x125	6	0,053	12,8
111405	1x18	1xG13	1280x85x125	6	0,0774	17
111406	2x18	2xG13	1280x85x125	6	0,10062	18,5

Technical values have tolerance +/-7% by the operating conditions.
Teknik sonuçlar çalışma koşullarına bağlı olarak +/-7% toleransa sahiptir.



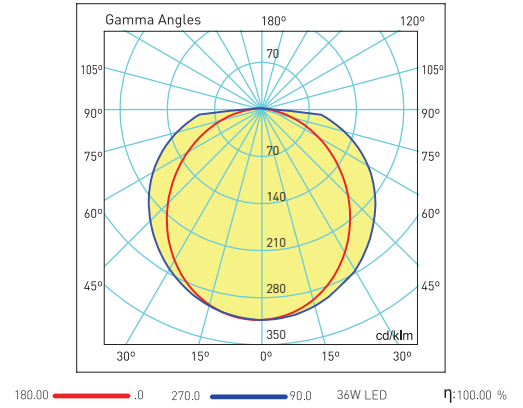
Technical Drawing

Teknik Çizim



Light Distribution Curve

Işık Şiddeti Dağılım Eğrisi



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Ex-Proof Waterproof Ex-Proof Etanj Largo T8



Gas explosion proof: ZONE 2
Dust explosion proof: ZONE22
II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC (T80 °C) Dc
Complies with 2014/34/EU ATEX Directive

Gaz patlama koruması: ZONE 2
Toz patlama koruması: ZONE22
II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIIC (T80 °C) Dc
2014/34/EU ATEX direktifine uygun



Mechanical Specifications

Mekanik Özellikler	
Body Gövde	GRP
IP Rating IP Sınıfı	IP65
IK Rating Body IK Gövde Sınıfı	IK08
Fire Protection Alev Koruması	650°C
Cable Gland Kablo Rakor	PG11
Cable Kablo	-
RAL Code Ral Kodu	1023
Mounting Type Montaj Tipi	Surface Mounted Sıva Üstü

Optical Specifications

Optik Özellikler	
Light Source Işık Kaynağı	TLD
Reflector Reflektör	-
Lens Lens	-
Diffuser Difüzör	PC
CRI	-
Colour Temperature Renk Sıcaklığı	-
Photobiological Risk Group Fotobiyolojik Risk Grubu	-
Beam Angle Işık Açısı	120°

Electrical Specifications

Elektriksel Özellikler	
Input Voltage Giriş Gerilimi	220-240Vac
Frequency Frekans	50-60Hz
Class Sınıf	I
System Lifetime Sistem Ömrü	>50.000h
Power Factor Güç Faktörü	>0,95
Operating Temperature Çalışma Sıcaklığı	-20°C / 50°C
Standards Standartlar	EN60598-2-1, EN62262, EN60529, EN13032, LM79, LM80, 60079-10-1, 60079-10-2

Options

Opsiyonlar	
DALI	-
1-10V	-
Step DIM	-
1hour Emergency Kit 1 Saat Acil Kit	-
3hour Emergency Kit 3 Saat Acil Kit	-
Electrical Protection Elektriksel Sınıf	-
Microwave Sensor Radar Sensör	-
RAL Code RAL Kodu	✓
Marine Painting Marin Boya	-

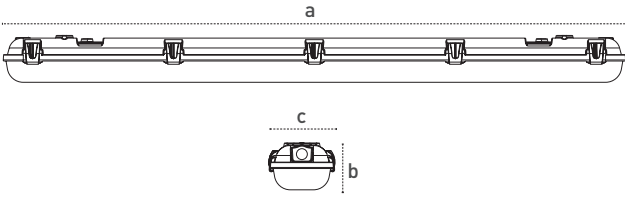
Code No Ürün Kodu	Power Güç (W)	Base Duy	Dimensions Boyutlar (mm) axbxc	Pcs / Pack Koli Adedi	Package Vol. Koli Hacmi (m³)	Package Weight Koli Ağırlığı (kg)
108297	2x18	2xG13	670x85x125	6	0,05304	12,8
108298	2x36	2xG13	1280x85x125	6	0,10062	18,5

Technical values have tolerance +/-%7 by the operating conditions.
Teknik sonuçlar çalışma koşullarına bağlı olarak +/-%7 toleransa sahiptir.



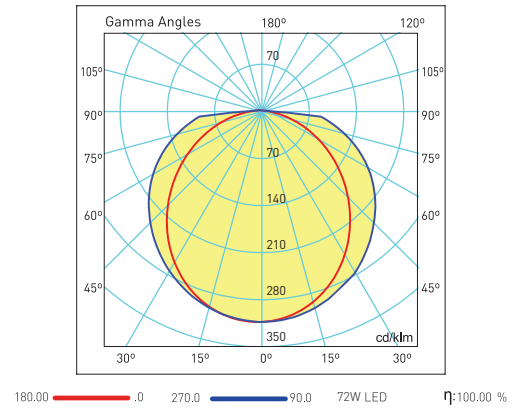
Technical Drawing

Teknik Çizim



Light Distribution Curve

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