

CERTIFICATE

Issued to:

Applicant:

**EAE ELEKTRİK AYDINLATMA ENDÜSTRİSİ
SANAYİ VE TİCARET ANONİM ŞİRKETİ**
Organize Sanayi Bolgesi (Makine İhtisas OSB)
Mah. 1. Cad. Fabrika Binasi (A+B+C Blok) Apt.
No:4B
41455 Dilovasi/ Kocaeli, Turkey

Licensee:

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No:4B
41455 Dilovasi/ Kocaeli, Turkey

Product : LED Floodlighting
Trade name(s) : EAE AYDINLATMA
Type(s)/model(s) : Apron (APR), Prolit (PRL), Prolit Kompakt (PRK),
Prolit Kompakt Ship (PRK SHP), Prolit Plus (PRP), Prolit Plus Ship (PRP SHP)
and Prolit Ship (PRL SHP)

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 60598-1:2015, EN 60598-1:2015/A1:2018 and EN 60598-2-5:2015
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2111502

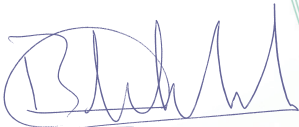
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 24 May 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-123200

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Floodlighting
Trade name(s)	: EAE AYDINLATMA
Type(s)/model(s)	: Apron (APR), Prolit (PRL), Prolit Kompakt (PRK), Prolit Kompakt Ship (PRK SHP), Prolit Plus (PRP), Prolit Plus Ship (PRP SHP) and Prolit Ship (PRL SHP)
Model	: Prolit
Rated voltage/nature of supply	: 220-240 Vac
Rated frequency	: 50-60 Hz
Classification	: class I
Degree of protection against dust, solid subject and moisture	: IP66 or IP67
Degree of protection against external mechanical impact	: IK08 - IK09

Product data – type Apron (APR)

Rated power	: 252W, 266W, 280W, 293W, 311W(X2), 338W(X2), 366W(X2), 393W(X2), 421W(X2), 450W(X2), 504W(X2), 532W(X2), 561W(X2), 586W(X2)
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Product data – type Prolit (PRL)

Rated power	: 82W, 88W, 95W, 102W, 109W, 116W, 123W, 130W, 138W, 145W, 150W, 159W, 167W, 176W, 182W, 191W, 200W, 206W
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Product data – type Prolit Kompakt (PRK)

Rated power	: 28W, 32W, 35W, 38W, 39W, 42W, 43W, 46W, 48W, 57W, 59W, 60W, 64W, 68W, 65W, 70W, 71W, 75W, 85W, 89W, 95W, 96W
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Product data – type Prolit Kompakt Ship (PRK SHP)

Rated power	: 28W, 32W, 35W, 38W, 39W, 42W, 43W, 46W, 48W, 57W, 59W, 60W, 64W, 68W, 65W, 70W, 71W, 75W, 85W, 89W, 95W, 96W
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Product data – type Prolit Plus (PRP)

Rated power	: 150W, 165W, 179W, 194W, 202W, 222W, 242W, 261W, 270W, 280W, 286W, 303W, 308W, 310W, 333W, 341W, 357W, 381W, 400W, 406W, 420W, 427W, 540W(X2), 616W(X2), 620W(X2), 682W(X2), 800W(X2), 854W(X2)
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Product data – type Prolit Plus Ship (PRP SHP)

Rated power	: 150W, 165W, 179W, 194W, 202W, 222W, 242W, 261W, 270W, 280W, 286W, 303W, 308W, 310W, 333W, 341W, 357W, 381W, 400W, 406W, 420W, 427W
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Product data – type Prolit Ship (PRL SHP)

Rated power	: 82W, 88W, 95W, 102W, 109W, 116W, 123W, 130W, 187W, 145W, 150W, 159W, 167W, 176W, 182W, 191W, 200W, 206W
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TESTS

Test requirements

EN 60598-1:2015

EN 60598-1:2015/A1:2018

EN 60598-2-5:2015

Test result

The test results are laid down in DEKRA test file 225021000.

Additional information

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 2).

The luminaire contains a LED module which is in compliance with EN 62031:2020 (tested as part of the appliance).

The luminaires also fulfil the requirements of IEC 62262:2002 / IEC/TR 62696:2011 with regard to protection provided by enclosures for electrical equipment against external mechanical impacts, IK08 - IK09 .

The list of components is laid down in test report 2250210.50.

Conclusion

The examination proved that all requirements were met.

Factory location

EAE ELEKTRİK AYDINLATMA ENDÜSTRİSİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

Organize Sanayi Bölgesi (Makine İhtisas OSB) Mah. 1. Cad. Fabrika Binası (A+B+C Blok) Apt. No:4B

41455 Dilovası/ Kocaeli, Turkey

Models overview:

Model	Watt	Rating Voltage	IP deg ree	Working ambient temperature (ta)	Versions
<u>Prolit</u>	206W	220 – 240 Vac 50/60 Hz	IP66	-20°C.... +40°C	Standard, DALI, <u>Zhaga</u> , NEMA
	200W			-20°C.... +40°C	
	191W			-20°C.... +40°C	
	182W			-20°C.... +40°C	
	176W			-20°C.... +45°C	
	167W			-20°C.... +45°C	
	159W			-20°C.... +45°C	
	150W			-20°C.... +55°C	
	145W			-20°C.... +55°C	
	138W			-20°C.... +55°C	
	130W			-20°C.... +55°C	
	123W			-20°C.... +55°C	
	116W			-20°C.... +55°C	
	109W			-20°C.... +55°C	
	102W			-20°C.... +60°C	
	95W			-20°C.... +60°C	
	88W			-20°C.... +60°C	
82W	-20°C.... +60°C				
<u>Prolit</u> SHP	206W	220 – 240 Vac 50/60 Hz	IP67	-20°C.... +35°C	Standard, DALI,
	200W			-20°C.... +35°C	
	191W			-20°C.... +35°C	
	182W			-20°C.... +35°C	
	176W			-20°C.... +40°C	
	167W			-20°C.... +40°C	
	159W			-20°C.... +40°C	
	150W			-20°C.... +50°C	
	145W			-20°C.... +50°C	
	138W			-20°C.... +50°C	
	130W			-20°C.... +50°C	
	123W			-20°C.... +50°C	
	116W			-20°C.... +50°C	
	109W			-20°C.... +50°C	
	102W			-20°C.... +55°C	
	95W			-20°C.... +55°C	
	88W			-20°C.... +55°C	
82W	-20°C.... +55°C				

Prolit Plus	854W (X2)	220 – 240 Vac 50/60 Hz	IP66	-20°C.... +40°C	Standard, DALI, Zhaga, NEMA
	800W (X2)			-20°C.... +40°C	
	682W (X2)			-20°C.... +50°C	
	620W (X2)			-20°C.... +50°C	
	616W (X2)			-20°C.... +50°C	
	540W (X2)			-20°C.... +55°C	
	427W			-20°C.... +40°C	
	420W			-20°C.... +40°C	
	406W			-20°C.... +40°C	
	400W			-20°C.... +40°C	
	381W			-20°C.... +40°C	
	357W			-20°C.... +40°C	
	341W			-20°C.... +50°C	
	333W			-20°C.... +50°C	
	310W			-20°C.... +50°C	
	308W			-20°C.... +50°C	
	303W			-20°C.... +50°C	
	286W			-20°C.... +50°C	
	280W			-20°C.... +50°C	
	270W			-20°C.... +50°C	
	261W			-20°C.... +50°C	
	242W			-20°C.... +50°C	
	222W			-20°C.... +50°C	
202W	-20°C.... +50°C				
194W	-20°C.... +50°C				
179W	-20°C.... +50°C				
165W	-20°C.... +50°C				
150W	-20°C.... +50°C				
Prolit Plus SHP	427W	220 – 240 Vac 50/60 Hz	IP66	-20°C.... +35°C	Standard, DALI,
	420W			-20°C.... +35°C	
	406W			-20°C.... +35°C	
	400W			-20°C.... +35°C	
	381W			-20°C.... +35°C	
	357W			-20°C.... +35°C	
	341W			-20°C.... +45°C	
	333W			-20°C.... +45°C	
	310W			-20°C.... +45°C	
	308W			-20°C.... +45°C	
	303W			-20°C.... +45°C	
	286W			-20°C.... +45°C	
	280W			-20°C.... +45°C	
	270W			-20°C.... +45°C	
	261W			-20°C.... +45°C	
	242W			-20°C.... +45°C	
222W	-20°C.... +45°C				
202W	-20°C.... +45°C				
194W	-20°C.... +45°C				
179W	-20°C.... +45°C				

	165W			-20°C.... +45°C				
	150W			-20°C.... +45°C				
<u>Prolit Kompakt</u>	96W	220 – 240 Vac 50/60 Hz	IP66	-20°C.... +45°C	Standard, DALI, Zhaga, NEMA			
<u>Prolit Kompakt (MP)</u>	95W			-20°C.... +45°C				
<u>Prolit Kompakt</u>	89W			-20°C.... +50°C				
<u>Prolit Kompakt</u>	85W			-20°C.... +50°C				
<u>Prolit Kompakt</u>	75W			-20°C.... +50°C				
<u>Prolit Kompakt</u>	71W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	70W			-20°C.... +55°C				
<u>Prolit Kompakt</u>	65W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	68W			-20°C.... +55°C				
<u>Prolit Kompakt (MP)</u>	64W			-20°C.... +55°C				
<u>Prolit Kompakt (MP)</u>	60W			-20°C.... +55°C				
<u>Prolit Kompakt</u>	59W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	57W			-20°C.... +55°C				
<u>Prolit Kompakt</u>	48W			-20°C.... +50°C				
<u>Prolit Kompakt</u>	46W			-20°C.... +50°C				
<u>Prolit Kompakt</u>	43W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	42W			-20°C.... +55°C				
<u>Prolit Kompakt (MP)</u>	39W			-20°C.... +55°C				
<u>Prolit Kompakt</u>	38W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	35W			-20°C.... +55°C				
<u>Prolit Kompakt</u>	35W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	32W			-20°C.... +55°C				
<u>Prolit Kompakt</u>	32W			-20°C.... +50°C				
<u>Prolit Kompakt (MP)</u>	28W			-20°C.... +55°C				
<u>Prolit Kompakt SHP</u>	96W			220 – 240 Vac 50/60 Hz		IP67	-20°C.... +40°C	Standard, DALI,
<u>Prolit Kompakt SHP (MP)</u>	95W						-20°C.... +40°C	
<u>Prolit Kompakt SHP</u>	89W						-20°C.... +40°C	
<u>Prolit Kompakt SHP</u>	85W						-20°C.... +40°C	
<u>Prolit Kompakt SHP</u>	75W	-20°C.... +45°C						
<u>Prolit Kompakt SHP</u>	71W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	70W	-20°C.... +50°C						
<u>Prolit Kompakt SHP</u>	65W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	68W	-20°C.... +50°C						
<u>Prolit Kompakt SHP (MP)</u>	64W	-20°C.... +55°C						
<u>Prolit Kompakt SHP (MP)</u>	60W	-20°C.... +55°C						
<u>Prolit Kompakt SHP</u>	59W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	57W	-20°C.... +50°C						
<u>Prolit Kompakt SHP</u>	48W	-20°C.... +45°C						
<u>Prolit Kompakt SHP</u>	46W	-20°C.... +45°C						
<u>Prolit Kompakt SHP</u>	43W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	42W	-20°C.... +50°C						
<u>Prolit Kompakt SHP (MP)</u>	39W	-20°C.... +50°C						
<u>Prolit Kompakt SHP</u>	38W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	35W	-20°C.... +50°C						
<u>Prolit Kompakt SHP</u>	35W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	32W	-20°C.... +50°C						
<u>Prolit Kompakt SHP</u>	32W	-20°C.... +45°C						
<u>Prolit Kompakt SHP (MP)</u>	28W	-20°C.... +50°C						

Apron	586W (X2)	220 – 240 Vac 50/60 Hz	IP66	-20°C.... +55°C	Standard, DALI, Zhaga , NEMA
	561W (X2)			-20°C.... +55°C	
	532W (X2)			-20°C.... +55°C	
	504W (X2)			-20°C.... +55°C	
	450W (X2)			-20°C.... +55°C	
	421W(X 2)			-20°C.... +55°C	
	393W (X2)			-20°C.... +55°C	
	366W (X2)			-20°C.... +55°C	
	338W (X2)			-20°C.... +55°C	
	311W (X2)			-20°C.... +55°C	
	293W			-20°C.... +55°C	
	280W			-20°C.... +55°C	
	266W			-20°C.... +55°C	
	252W			-20°C.... +55°C	