



Łukasiewicz – IMiF
PREDOM Division
Krakowiaków 53, 02-255 WARSAW
POLAND

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LICENCE / CERTIFICATE

to use the European Mark

LICENCJA / CERTYFIKAT

na używanie europejskiego Znak



Licence / Certificate No.

Licencja / Certyfikat Nr

0437/ENEC/25

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Name and address of the Certificate owner:

Nazwa i adres posiadacza Certyfikatu:

F.P.H. Art-Metal Sp.J.

83-331 Łapino Kartuskie, ul. Jabłoniowa 124, Poland

For the products:

Dla wyrobów:

Luminaires for road and street lighting

Oprawy oświetleniowe drogowe i uliczne

Manufacturing place:

Miejsce produkcji:

F.P.H. Art-Metal Sp.J.

83-331 Łapino Kartuskie, ul. Jabłoniowa 124, Poland

Trade name:

Znak towarowy:



Type(s)/Model(s):

Typ(y), model(e):

Art Metal – family cl. II

(details in the Appendix / Szczegóły w Załączniku)

Complying with the following European Standards:

Zgodnymi z następującymi normami europejskimi:

EN 60598-2-3:2003, EN 60598-2-3:2003/ A1:2011

EN 60598-1:2021, EN 60598-1:2021/A11:2022

EN 62262:2002

Test report(s):

Raporty z badań:

Ref No: B5-3/133/B/25 + Att No. 1 (EU GD and ND) rep. B5-3/133/B/1/25 dated 14.07.2025; B5-3/151/B/2/24 dated 04.07.2025 performed by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003)

Date:

Data:

2025-07-16

Manager of Certification Office
 Kierownik Biura Certyfikacji

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification. The ENEC mark may be applied to the products as specified in this licence for the duration of the Licence.

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Additional information – see the Appendix. Dodatkowe informacje – patrz Załącznik.

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Name and address of the license holder:	F.P.H. Art-Metal Sp.J. 83-331 Łapino Kartuskie, ul. Jabłoniowa 124, Poland
Name and address of manufacturer:	F.P.H. Art-Metal Sp.J. 83-331 Łapino Kartuskie, ul. Jabłoniowa 124, Poland
Name and address of manufacturing place:	F.P.H. Art-Metal Sp.J. 83-331 Łapino Kartuskie, ul. Jabłoniowa 124, Poland
Name of product:	Art Metal – family cl. II
Trade mark :	
Technical data:	
Rated voltage	220-240V
Rated frequency:	50/60Hz
Protection against electric shock:	Class II
Degree of protection:	IP66, IK10
ta	ta=40°C

Choice sheet of the luminaires Art Metal – family cl. II:
Marking example:

04	A	L2	25W	840	VSM	P	3267lm	300mA
1	2	3	4	5	6	7	8	9

1. **The Number of the Luminary = The Name of the Luminary.** (Each luminary corresponds with the number for its identification.)

01	VERA	22	SATURN
02	LUNA	23	ANTARES
03	LIBRA	24	NEXUS
04	ARIES	25	MEGALIA
06	ANDROMEDA	29	TECHNO
10	OPAL	33	VICTORIA
15	NEPTUN	34	ROZALIA
18	JOWISZ	37	JUPITER
19	LUMINA	42	FIONA
21	LEDA	46	KUNGSLYKTA
		47	ARIES-V

2. **Mounting** version of the luminary: **A, B, C, D, E, F, G, H, V** or “space” if is only one version) - see catalogue card of luminary mounting.
3. Type of light element:

L	CMA2550
L1	12xLED
L2	24xLED
L3	36xLED

4. Power : **13W – 97W**
5. Light colour code:

722	light colour 2200K	CRI 70
727	light colour 2700K	CRI 70
730	light colour 3000K	CRI 70
740	light colour 4000K	CRI 70
822	light colour 2200K	CRI 80
827	light colour 2700K	CRI 80

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830	light colour 3000K	CRI 80
840	light colour 4000K	CRI 80

6. Type of lens: **ME, VSM, T2, T4, T3, XW, DWC-PC, PX, PXL, DWC2, GT** or others for Cree and Philips LED modules.

7. Type of power supply:

P	Programmable
SR	Sensor ready – (applicable with Zhaga connection).
S	Standard
D	Dimmable (0-10V)

8. Luminous flux: **1350 - 16584 lm**

9. Current on driver output: **300-1880mA**

List of components:

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/730 DA UHE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/740 DA UHE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/722 DA HE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/727 DA HE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/730 DA HE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/740 DA HE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/750 DA HE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/840 DA HE	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/722 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/727 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/730 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/740 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/757 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/827 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/830 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
LED module	A	Philips Lighting Holding B.V.	Fortimo FastFlex 2x6/840 DA G5	If max=1,5A Tj max=95°C	EN 62031	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi FP 40W 0.3-1.0A SNLDAE 230V C133 sXt	Pn =40W Iout=1000mA Un = 220-240V AC Tc =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	Pn =40W Iout=1000mA Un = 220-240V AC Tc =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi LP 40W 0.3-0.7A S1 230V C123 sXt	Pn =40W Iout=1000mA Un = 220-240V AC	EN 61347-2-13	ENEC

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				T _c =80°C		
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi LP 75W 0.3-1.0A S1 230V C133 sXt	P _n =75W I _{out} =1000mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi LP 110W 0.3-1.0A S1 230V C133 sXt	P _n =110W I _{out} =1000mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	P _n =75W I _{out} =1000mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi SR 40W 0.2-1.0A SNEMP 230V C123 sXt	P _n =40W I _{out} =1000mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi SR 75W 0.2-1.0A SNEMP 230V C150 sXt	P _n =75W I _{out} =1000mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi SR 110W 0.2-1.0A SNEMP 230V C150 sXt	P _n =110W I _{out} =1000mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Philips Lighting Holding B.V.	Xi FP 75W 0.3-1.5A SNLDAE 230V C133 sXt	P _n =75W I _{out} =1500mA U _n = 220-240V AC T _c =80°C	EN 61347-2-13	ENEC
Switching Power Supplies	A	Inventronics	EBS-080S150BT2	P _n =80W I _{out} =1500mA U _n = 220-240V AC T _c =75°C	EN 61347-2-13	ENEC
Connector System (ZHAGA)	B	ETE Connectivity	2213858-1	U _n =250V I _n =5A	EN 61984	UL
Dali 1-10V Converter	A	Lunatone Industrielle Elektronik GmbH	DALI 0-10 PWM	I _n =3,1mA U _{out} = 0-10V DC T _c =45°C	EN 55015 EN 61347	ENEC
Screwless Connectors	S	Electro Terminal GmbH & Co KG	SLK-3	U _n =450V I _n =24A T _c =110°C	EN 60988-2-2	ENEC
Screwless Connectors	B	Dongguan Longsan Plastic Standard Parts Manufacturing Co., Ltd.	M29-MINI	U _n =250V I _n =16A T _c =110°C	EN 60988-2-2	TUV
Surge protecting device (SPD)	B	Philips Lighting Holding B.V.	Surge Protector Class-II	10kV 5kA T _{max} 85C	EN61643-11	CE, CQC, UKCA, TÜV Rheinland
Surge protecting device (SPD)	B	Philips Lighting Holding B.V.	Surge 10kV Protector Class-II serial	10kV 5kA T _{max} 85C	EN61643-11	CE, CQC, UKCA, TÜV Rheinland
Wires	B	Elektrokabel	YDY 3x1,5mm ² 450/750V	U _n =450/750V S=3x1,5 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	Elpar Sp. Z o.o.	YDY 3x1,5mm ² 450/750V	U _n =450/750V S=3x1,5 mm ² T _c =70°C	EN 50525	BJB SEP

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Wires	B	Tele-fonika Kable S.A.	YDY 3x1,5mm ² 450/750V	Un =450/750V S=3x1,5 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	Elektrokabel	OMY 2x1mm ² 300/500V (H03VV-F)	Un =300/500V S=2x1,0 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	Elektrokabel	LgY 1x2,5mm ² (H07V-K)	Un =300/500V S=1x2,5 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	Elektrokabel	OMYp 2x0,75mm ² 300/500V (H03VVH2-F)	Un =300/500V S=2x1,0 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	NKT S.A.	YDY 3x1,5mm ² 450/750V	Un =450/750V S=3x1,5 mm ² T _c =70°C	PN-E-90068 EN 50525	BJB SEP
Wires	B	ELPAR	H05RR-F	300/500V 2x0,75mm ²	EN5025-2-31	EMAG
Wires	B	Lapp kable	FlexiVolt-2V, Flexivolt® 60.7027	1x0,5mm ² double insulation	EN 50525-2-31	VDE
Wires	B	Elektrokabel	YDY 2x1,5mm ² 450/750V	Un =450/750V S=2x1,5 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	Elpar Sp. Z o.o.	YDY 2x1,5mm ² 450/750V	Un =450/750V S=2x1,5 mm ² T _c =70°C	EN 50525	BJB SEP
Wires	B	NKT	YDY 2x1,5mm ² 450/750V	Un =450/750V S=2x1,5 mm ² T _c =70°C	EN 50525	BJB SEP

Supplementary information:

¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.

The codes above have the following meaning:

- A - The component is replaceable with another one, also certified, with equivalent characteristics
- B - The component is replaceable if authorised by the test house
- C - Integrated component tested together with the appliance
- D - Alternative component

Date: Data: **2025-07-16** **Signature:**

Manager of Certification Office
Kierownik Biura Certyfikacji