



Łukasiewicz- IMiF PREDOM Division
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LICENCE

CERTIFICATE/CERTYFIKAT

to use the European Mark

Licencja na używanie europejskiego Znaku



Licence/Certificate No. / Licencja/ Certyfikat Nr **0279/ENEC/22**

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EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J.
ul. Przemysłowa 23/24, 76-200 Słupsk, Poland

For the products: Dla wyrobów:

Fixed general purpose luminaires *Oprawy oświetleniowe stałe ogólnego przeznaczenia*

Manufacturing place: *Miejsce Produkcji*

EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J.
ul. Przemysłowa 9, 76-206 Redzikowo, Poland

Trade name: *Znak towarowy:*

EUROLEDLIGHTING

Type(s)/Model(s): *Typ(y), model(e):*

Luminaires SWD - series (see Appendix/ patrz Załącznik)

Technical data/ Dane Techniczne: 220-240V, 50/60 Hz, IP00 or IP54, cl. I – details in the Appendix/Szczegóły w Załączniku

Complying with the following European Standards: *Zgodnymi z następującymi normami europejskimi*

EN 60598-2-1:1989,

EN 60598-1:2015,

EN 60598-1:2015/ A1:2018

the test reports/ raporty z badań: Ref. No. Z7-3/168/B/2/21+ Att. No. 1 (EU GD and ND rep. ref. Z7-2/168/B/2/1/21) dated 2021-12-21 performed by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003).

Date: *Data* 28-02-2022

Signatures:

Name: Joanna Walczak-Ziótkowska

Filip Walczak

Position: Manager of Certification Office

Leader of the Łukasiewicz- IMiF PREDOM Division

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Additional information – see the Appendix.

Dodatkowe informacje – patrz Załącznik.

Name and address of the license/certificate holder:	EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J. ul. Przemysłowa 23/24, 76-200 Słupsk, Poland
Name and address of manufacturer:	EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J. ul. Przemysłowa 23/24, 76-200 Słupsk, Poland
Name and address of manufacturing place:	EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J. ul. Przemysłowa 9, 76-206 Redzikowo, Poland
Name of product:	Fixed general purpose luminaires
Type (model):	Luminaires SWD - series (see below)
Trade mark:	EUROLEDLIGHTING
Technical data:	
rated voltage	220 - 240V
max. power	160W
rated frequency	50 / 60Hz
protection against electric shock	Class I
degree of protection	IP 00 or IP 54
operating temp	-25°C to +35°C

Type of the LED Module	Type of the luminaires
M274/56/1,5/...	"SWD-3S IP" PCB Board (designated for SWDI54 IP protected luminaires)
M286/55/1,5/...	"SWD-3S" PCB Board (designated for SWDD luminaires)

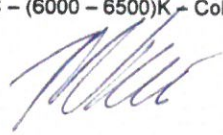
Choice sheet of the luminaires SWD - series:

SWDDMSA173C75L6R9DALIHL

1 2 3 4 5 6 7 8 9 10 11 12 13

Designations used on the marking of luminaires (some designation may not appear in the name) :

- | | |
|--------|---|
| 1. SWD | - FAMILY (TYPE):
SWD - Integrated LED luminaires |
| 2. I54 | - GROUP:
D - Integrated LED luminaires with optics system
I54 - Integrated LED luminaires with optics system and IP54 protection class |
| 3. SM | - INSTALLATION:
E - Installation to SWE trunking system
L - Linear installation - 5-wires (standard 3-phase)
L3 - Linear installation - 3-wires (basic 1-phase)
L7 - Linear installation - 7-wires (extended 3-phase + additional wiring)
S - Single installation
SM - Single installation (side-powered luminaire) |
| 4. S | - COLOR:
B - Black
S - Silver
W - White |
| 5. A | - COVER:
- No cover (standard)
A - Aluminum cover (on top) |
| 6. 17 | - LENGHT:
09 - 860mm
12 - 1145mm
14 - 1440mm
17 - 1720mm
20 - 2002mm
23 - 2290mm
28 - 2860mm
34 - 3435mm
40 - 4008mm |
| 7. 3 | - DIFFUSER:
3-row optics (3x11) |
| 8. C | - COLOR TEMP:
W - (2700 - 3200)K - Warm white
D - (4000 - 4200)K - Daylight white
A - (5000 - 5200)K - Cold white
B - (5700 - 5900)K - Cold white
C - (6000 - 6500)K - Cold white |



9. 75
- POWER IN WATTS [W]:
 - 45 – 80 - Power range available only for lengths: 09
 - 60 – 90 - Power range available only for lengths: 12
 - 40 – 100 - Power range available only for lengths: 14
 - 75 – 160 - Power range available only for lengths: 17
 - 85 – 145 - Power range available only for lengths: 20
 - 95 – 145 - Power range available only for lengths: 23
 - 100 – 160 - Power range available only for lengths: 28
 - 95 – 145 - Power range available only for lengths: 34
 - 110 – 160 - Power range available only for lengths: 40
10. L6
- BEAM ANGLE:
 - L3 – (SWDD, SWDI54) 30° - symmetrical beam angle (narrow)
 - L6 – (SWDD, SWDI54) 60° - symmetrical beam angle (narrow)
 - L9 – (SWDD, SWDI54) 90° - symmetrical beam angle (narrow)
 - L9x3 – (SWDD) 90x30° - symmetrical beam angle (narrow)
 - LA – (SWDD) - One-sided asymmetrical beam angle
 - LAA – (SWDD) - Double-sided asymmetrical beam angle
11. R9
- CRI:
 - CRI min. 80 (standard)
 - R9 – CRI min. 90
12. DALI
- CONTROL:
 - ON/OFF only
 - DALI – DALI protocol driver installed (digital management)
13. HL
- EFFICIENCY:
 - Standard efficiency
 - HL – Increased efficiency (High Lumen version)

Example of symbol for trunking system:

SWEI54S1,5/3x1,5

1 2 3 4 5 6

Designations used on the marking of trunking system (some designation may not appear in the name) :

1. SWE
 - FAMILY (TYPE):
 - SWE - Quick assembly trunking line family
2. I54
 - GROUP:
 - Standard version
 - I54 – IP54 version
3. S
 - COLOR:
 - B – Black
 - S – Silver
4. 1,5
 - LENGTH:
 - 1,5 – Length of trunking unit (1,5m)
 - 3 – Length of trunking unit (3m)
 - 4,5 – Length of trunking unit (4,5m)
 - 6 – Length of trunking unit (6m)
5. 3x
 - WIRING:
 - 3x – Basic wiring (3 wires - 1-phase instalation)
 - 5x – Standard wiring (5 wires - 3-phase instalation)
 - 7x – Extended wiring (7 wires - 3-phase installation + additional)
 - 9x – Extended wiring (9 wires - 3-phase installation + additional)
 - 11x – Extended wiring (11 wires - 3-phase installation + additional)
6. 1,5
 - WIRING DIAMETER:
 - 1,5 – 1,5mm² wire diameter
 - 2,5 – 2,5mm² wire diameter



List of LED modules and control gears system:

List of LED modules and electronic LED driver's system:																				
LED modules				Driver's																
				MAXIMUM POWER OF LUMINAIRE [W]																
				40	50	60	75		100	120	150	75	90	100	150					
MODULE SYMBOL	LED QUANTITY [pcs.]	BOARD NAME	RATED SUPPLY VOLTAGE [v]	ELEMENT 40/220-240/350 D CS L UNV1 OSRAM	IT FIT 40/220...240/350 CS D L OSRAM	OT FIT 50/220-240/300 D L UNV1 OSRAM	ELEMENT 60/220-240/350 D CS L UNV1 OSRAM	IT FIT 60/220...240/350 CS D L OSRAM	IT FIT 75/220...240/550 CS D L OSRAM	OT FIT 75/220-240/550 D LT 2 L UNV1 OSRAM	OT FIT 75/220-240/1A0 D NFCINDUNV1 OSRAM	OT FIT 100/220-240/1A0 D NFCINDUNV1OSRAM	OT FIT 120/220-240/750 D LT2 L OSRAM	OT FIT 150/220-240/1A0 D NFCINDUNV1 OSRAM	ETi DALI 75/220...240/500 D LT2 L OSRAM	OTi DALI 75/220-240/700 D NFC IND L OSRAM	OTi DALI 90/220...240/700 D LT2 L OSRAM	OTi DALI 100/220...240/750 D NFC L OSRAM	OTi DALI 150/220-240/1A0 D NFC IND L OSRAM	
M274/56/1,5/F33O21WR81B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21DR81B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21AR81B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21BR81B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21CR81B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21DR91B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21AR91B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21BR91B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F33O21CR91B	33	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21WR81B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21DR81B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21AR81B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21BR81B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21CR81B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21DR91B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21AR91B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21BR91B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M274/56/1,5/F66O21CR91B	66	SWD-3S 2835 IP v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21WR81B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21DR81B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21AR81B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21BR81B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21CR81B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21DR91B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21AR91B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21BR91B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F33O21CR91B	33	SWD-3S 3030 v 2.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21WR81B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21DR81B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21AR81B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21BR81B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21CR81B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21DR91B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21AR91B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21BR91B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M286/55/1,5/F66O21CR91B	66	SWD-3S 2835 v 8.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

X - compatible



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List of components:

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
LED Module	B	Euroledlighting	M274/56/1,5/ F33O21WR81B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F33O21DR81B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F33O21AR81B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
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LED Module	B	Euroledlighting	M274/56/1,5/ F33O21CR81B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F33O21DR91B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
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LED Module	B	Euroledlighting	M274/56/1,5/ F33O21BR91B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F33O21CR91B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F66O21WR81B	tc 80°C Imax 1080mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F66O21DR81B	tc 80°C Imax 1080mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F66O21AR81B	tc 80°C Imax 1080mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F66O21BR81B	tc 80°C Imax 1080mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/F66O2 1CR81B	tc 80°C Imax 1080mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M274/56/1,5/ F66O21DR91B	tc 80°C Imax 1080mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
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LED Module	B	Euroledlighting	M286/55/1,5/ F33O21AR1B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
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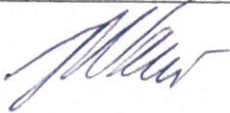


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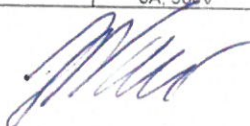
Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
LED Module	B	Euroledlighting	M286/55/1,5/ F33021CR91B	tc 80°C Imax 450mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/55/1,5/ F66021WR81B	tc 80°C Imax 900mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/55/1,5/ F66021DR81B	tc 80°C Imax 900mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/55/1,5/ F66021AR81B	tc 80°C Imax 900mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
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Control gear	A	OSRAM	OTi DALI 75/220- 240/700 D NFC IND L	75W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTi DALI 100/220- 240/700 D NFC IND L	100W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTi DALI 150/220- 240/1A0 D NFC IND L	150W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTi DALI 90/220...240/700 D LT2 L	90W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTi DALI 100/220...240/750 D NFC L	100W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	ETi DALI 75/220...240/500 D LT2 L	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 75/220- 240/1A0 D NFCINDUNV1OSR AM	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 100/220- 240/1A0 D NFCINDUNV1OSR AM	100W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 150/220- 240/1A0 D NFCINDUNV1OSR AM	150W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 120/220- 240/750 D LT2 L	120W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 75/220- 240/550 D LT 2 L UNV1OSRAM	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 50/220- 240/300 D L UNV1 OSRAM	50W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	ELEMENT 40/220- 240/350 D CS L UNV1 OSRAM	40W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	ELEMENT 60/220- 240/350 D CS L UNV1 OSRAM	60W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	IT FIT 40/220...240/350 CS D L	40W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC



APPENDIX TO THE LICENCE/CERTIFICATE No. **0279/ENEC/22**

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Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Control gear	A	OSRAM	IT FIT 60/220...240/350 CS D L	60W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	IT FIT 75/220...240/550 CS D L	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Wires	B	ELTRIM	H05V-U	300/500V, 1 x 0,5 + 4 mm ²	EN 50525-2-31	BBJ-SEP
Wires	B	ELTRIM	H07V-U	450/700V, 1 x 1 + 16 mm ²	EN 50525-2-31	BBJ-SEP
Connector	B	WAGO	267-501	FEMALE CONNECTOR - 7 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	267-510	MALE CONNECTOR WITH PE - 7 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	267-502	FEMALE CONNECTOR - 5 POLE 16A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-519	MALE CONNECTOR WITH PE - 5 POLE 16A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-552	FEMALE CONNECTOR - 3 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	267-563	MALE CONNECTOR WITH PE - 3 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	873-902	LUMINAIRE DISCONNECT CONNECTOR - 2 POLE 6A, 400V	EN 60998	DEKRA
Connector	B	WAGO	873-903	LUMINAIRE DISCONNECT CONNECTOR - 3 POLE 6A, 400V	EN 60998	DEKRA
Connector	B	WAGO	873-953	LUMINAIRE DISCONNECT CONNECTOR - 3 POLE 6A, 400V	EN 60998	DEKRA
Connector	B	WAGO	267-412	CONDUCTOR SUPPORT BASE - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-422	CONDUCTOR SUPPORT BASE + PE - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-437	CONDUCTOR SUPPORT COVER - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-435	CONDUCTOR SUPPORT COVER - 5 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-163	FEMALE CONNECTOR PLUG - 3 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-165	FEMALE CONNECTOR PLUG - 5 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-167	FEMALE CONNECTOR PLUG - 7 POLE 6A, 500V	EN 60664-1	DEKRA





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

R-1008/VII/2030

APPENDIX TO THE LICENCE/CERTIFICATE No. **0279/ENEC/22**

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Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Connector	B	WAGO	267-328	CONDUCTOR SUPPORT BASE - 7 POLE 16A, 500V	EN 60664-1	DEKRA
Terminal block (Cable gland)	B	SHENZHEN GREENWAY ELECTRONICS	M683	IP68; 16A 450V AC; V2/T100: 0.5- 1.5mm ² M18	EN 60998-1	DEKRA TUV

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 Łukasiewicz- IMiF PREDOM Division

Certification Body: **Łukasiewicz- IMiF PREDOM Division**

Signed: Joanna Walczak-Ziółkowska

.....
Manager of Certification
Office

Filip Walczak

.....
Leader of the Łukasiewicz- IMiF
PREDOM Division

Place: **WARSAW**

Date: **28-02-2022**



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

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LICENCE

CERTIFICATE/CERTYFIKAT

to use the European Mark

Licencja na używanie europejskiego Znaku



Licence/Certificate No. / Licencja/ Certyfikat Nr **0280/ENEC/22**

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EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J.
ul. Przemysłowa 23/24, 76-200 Słupsk, Poland

For the products: Dla wyrobów:

Fixed general purpose luminaires *Oprawy oświetleniowe stałe ogólnego przeznaczenia*

Manufacturing place: *Miejsce Produkcji*

EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J.
ul. Przemysłowa 9, 76-206 Redzikowo, Poland

Trade name: *Znak towarowy:*

EUROLEDLIGHTING

Type(s)/Model(s): *Typ(y), model(e):*

Luminaires SWF - series (see Appendix/ patrz Załącznik)

Technical data/ *Dane Techniczne:* 220-240V, 50/60 Hz, cl. I – details in the Appendix/Szczegóły w Załączniku

Complying with the following European Standards: *Zgodnymi z następującymi normami europejskimi*

EN 60598-2-1:1989,

EN 60598-1:2015,

EN 60598-1:2015/ A1:2018

the test reports/ *raporty z badań:* Ref. No. Z7-3/168/B/3/21+ Att. No. 1 (EU GD and ND rep. ref. Z7-2/168/B/3/1/21) dated 2021-12-21 performed by the Testing Laboratory Łukasiewicz-IMiF PREDOM Division (Accreditation PCA AB 003).

Date: *Data* 28-02-2022

Signatures:

Name: Joanna Walczak-Ziótkowska

Filip Walczak

Position: Manager of Certification Office

Leader of the Łukasiewicz- IMiF PREDOM Division

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Additional information – see the Appendix.

Dodatkowe informacje – patrz Załącznik.

APPENDIX TO THE LICENCE/CERTIFICATE No. **0280/ENEC/22**

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Name and address of the license/certificate holder:	EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J. ul. Przemysłowa 23/24, 76-200 Słupsk, Poland
Name and address of manufacturer:	EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J. ul. Przemysłowa 23/24, 76-200 Słupsk, Poland
Name and address of manufacturing place:	EUROLEDLIGHTING R. Nowak i Wspólnicy Sp. J. ul. Przemysłowa 9, 76-206 Redzikowo, Poland
Name of product:	Fixed general purpose luminaires
Type (model):	Luminaires SWF - series (see below)
Trade mark:	EUROLEDLIGHTING
Technical data:	
rated voltage	220 - 240V
max. power	140W
rated frequency	50 / 60Hz
protection against electric shock	Class I
operating temp	-25°C to +35°C

Type of the LED Module	Type of the luminaires
M277/32/1,5/...	"SWF-L 7x1" PCB Board (designated for SWFY luminaires)
M286/35/1,5/...	"SWD-2S" PCB Board (designated for SWFD luminaires)

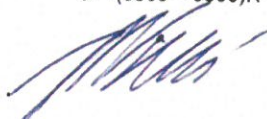
Choice sheet of the luminaires SWF - series:

SWFYSSA141A70L8BMR9DALIHL

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Designations used on the marking of luminaires (some designation may not appear in the name) :

1. SWF
 - FAMILY (TYPE):
SWF - Integrated LED luminaires
2. Y
 - GROUP:
D - Integrated LED luminaires with optics system
Y - Integrated LED luminaires with optics system and reflector
3. S
 - INSTALLATION:
E - Installation to SWE trunking system
L - Linear installation - 5-wires (standard 3-phase)
L3 - Linear installation - 3-wires (basic 1-phase)
L7 - Linear installation - 7-wires (extended 3-phase + additional wiring)
S - Single installation
SM - Single installation (side-powered luminaire)
4. S
 - COLOR:
B - Black
S - Silver
W - White
5. A
 - COVER:
- No cover (standard)
A - Aluminum cover (on top)
6. 14
 - LENGHT:
06 - 575mm
09 - 860mm
12 - 1145mm
14 - 1440mm
17 - 1720mm
20 - 2002mm
23 - 2290mm
28 - 2860mm
34 - 3435mm
40 - 4008mm
7. 1
 - DIFFUSER / LENS:
1 - SWFY - 1 row optic system (1x7 lenses)
2 - SWFD - 2 row optic system (2x11 lenses)
8. A
 - COLOR TEMP:
W - (2700 - 3200)K - Warm white
D - (4000 - 4200)K - Daylight white
A - (5000 - 5200)K - Cold white
B - (5700 - 5900)K - Cold white
C - (6000 - 6500)K - Cold white



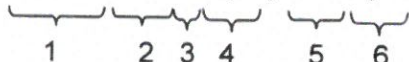
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- | | |
|----------|--|
| 9. 70 | - POWER IN WATTS [W]:
15 - Power range available only for lengths: 06 (SWFY)
25 - Power range available only for lengths: 06
40 - Power range available only for lengths: 09
35 - Power range available only for lengths: 12
40 - 75 - Power range available only for lengths: 14
40 - 85 - Power range available only for lengths: 17
55 - 80 - Power range available only for lengths: 20
65 - 95 - Power range available only for lengths: 23
80 - 115 - Power range available only for lengths: 28
95 - 140 - Power range available only for lengths: 34
110 - 140 - Power range available only for lengths: 40 |
| 10. L8 | - BEAM ANGLE:
L7 - (SWFD) 70° - symmetrical beam angle
L8 - (SWFY) 80° - symmetrical beam angle |
| 11. BM | - REFLECTOR COLOR:
- (SWFD) Standard lens
BM - (SWFY) Black-matte reflector
WM - (SWFY) White-matte reflector |
| 12. R9 | - CRI:
- CRI min. 80 (standard)
R9 - CRI min. 90 |
| 13. DALI | - CONTROL:
- ON/OFF only
DALI - DALI protocol driver installed (digital management) |
| 14. HL | - EFFICIENCY:
- Standard efficiency
HL - Increased efficiency (High Lumen version) |

Example of symbol for trunking system:

SWEI54S1,5/3x1,5



Designations used on the marking of trunking system (some designation may not appear in the name) :

- | | |
|--------|--|
| 1. SWE | - FAMILY (TYPE):
SWE - Quick assembly trunking line family |
| 2. I54 | - GROUP:
- Standard version
I54 - IP54 version |
| 3. S | - COLOR:
B - Black
S - Silver |
| 4. 1,5 | - LENGHT:
1,5 - Length of trunking unit (1,5m)
3 - Length of trunking unit (3m)
4,5 - Length of trunking unit (4,5m)
6 - Length of trunking unit (6m) |
| 5. 3x | - WIRING:
3x - Basic wiring (3 wires - 1-phase instalation)
5x - Standard wiring (5 wires - 3-phase instalation)
7x - Extended wiring (7 wires - 3-phase installation + additional)
9x - Extended wiring (9 wires - 3-phase installation + additional)
11x - Extended wiring (11 wires - 3-phase installation + additional) |
| 6. 1,5 | - WIRING DIAMETER:
1,5 - 1,5mm ² wire diameter
2,5 - 2,5mm ² wire diameter |



List of LED modules and control gears system:

List of LED modules and electronic LED driver's system:																			
LED modules				Driver's															
				MAXIMUM POWER OF LUMINAIRE [W]															
				40	50	60	75		100	120	150	75	90	100	150				
MODULE SYMBOL	LED QUANTITY [pcs.]	BOARD NAME	MAX VOLTAGE [v]	ELEMENT 40/220-240/350 D CS L UNV1 OSRAM	IT FIT 40/220...240/350 CS D L OSRAM	OT FIT 50/220-240/300 D L UNV1 OSRAM	ELEMENT 60/220-240/350 D CS L UNV1 OSRAM	IT FIT 60/220...240/350 CS D L OSRAM	IT FIT 75/220...240/550 CS D L OSRAM	OT FIT 75/220-240/550 D LT 2 L UNV1 OSRAM	OT FIT 75/220-240/1A0 D NFCINDUNV1 OSRAM	OT FIT 100/220-240/1A0 D NFCINDUNV1 OSRAM	OT FIT 120/220-240/750 D LT2 L OSRAM	OT FIT 150/220-240/1A0 D NFCINDUNV1 OSRAM	ETi DALI 75/220...240/500 D LT2 L OSRAM	OTi DALI 75/220-240/700 D NFC IND L OSRAM	OTi DALI 90/220...240/700 D LT2 L OSRAM	OTi DALI 100/220...240/750 D NFC L OSRAM	OTi DALI 150/220-240/1A0 D NFC IND L OSRAM
M286/35/1,5/F44O21WR81B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21DR81B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21AR81B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21BR81B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21CR81B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21DR91B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21AR91B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21BR91B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M286/35/1,5/F44O21CR91B	44	SWD-2S 2835x2 v 10.0	33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21WR81C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21DR81C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21AR81C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21BR81C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21CR81C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21DR91C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21AR91C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21BR91C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M277/32/1,5/F28O21CR91C	28	SWFL 7x1 2835x28 W/TW v 2.0	42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X - compatible																			

X - compatible

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List of components:

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
LED Module	B	Euroledlighting	M286/35/1,5/ F44O21WR81B	tc 80°C Imax 600mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/35/1,5/ F44O21DR81B	tc 80°C Imax 600mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
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LED Module	B	Euroledlighting	M286/35/1,5/ F44O21DR91B	tc 80°C Imax 600mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/35/1,5/ F44O21AR91B	tc 80°C Imax 600mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/35/1,5/ F44O21BR91B	tc 80°C Imax 600mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M286/35/1,5/ F44O21CR91B	tc 80°C Imax 600mA Umax 33V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21WR81C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21DR81C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21AR81C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21BR81C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21CR81C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21DR91C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21AR91C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21BR91C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
LED Module	B	Euroledlighting	M277/32/1,5/ F28O21CR91C	tc 80°C Imax 300mA Umax 42V	EN 62031	Tested and accepted by IMiF PREDOM Division Test Report No. Z-3/168/B/1/21
Control gear	A	OSRAM	OTI DALI 75/220- 240/700 D NFC IND L	75W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTI DALI 100/220-240/700 D NFC IND L	100W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTI DALI 150/220-240/1A0 D NFC IND L	150W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTI DALI 90/220...240/700 D LT2 L	90W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OTI DALI 100/220...240/750 D NFC L	100W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	ETI DALI 75/220...240/500 D LT2 L	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 75/220- 240/1A0 D NFCINDUNV1OS RAM	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC

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Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Control gear	A	OSRAM	OT FIT 100/220-240/1A0 D NFCINDUNV1OSRAM	100W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 150/220-240/1A0 D NFCINDUNV1OSRAM	150W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 120/220-240/750 D LT2 L	120W, 220-240V, 0/50/60 Hz, tc max=85 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 75/220-240/550 D LT 2 L UNV1OSRAM	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT FIT 50/220-240/300 D L UNV1 OSRAM	50W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	ELEMENT 40/220-240/350 D CS L UNV1 OSRAM	40W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	ELEMENT 60/220-240/350 D CS L UNV1 OSRAM	60W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	IT FIT 40/220...240/350 CS D L	40W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	IT FIT 60/220...240/350 CS D L	60W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	IT FIT 75/220...240/550 CS D L	75W, 220-240V, 0/50/60 Hz, tc max=75 °C	EN 61347-1 EN 61347-2-13	ENEC
Wires	B	ELTRIM	H05V-U	300/500V, 1 x 0,5 + 4 mm ²	EN 50525-2-31	BBJ-SEP
Wires	B	ELTRIM	H07V-U	450/700V, 1 x 1 + 16 mm ²	EN 50525-2-31	BBJ-SEP
Connector	B	WAGO	267-501	FEMALE CONNECTOR - 7 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	267-510	MALE CONNECTOR WITH PE - 7 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	267-502	FEMALE CONNECTOR - 5 POLE 16A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-519	MALE CONNECTOR WITH PE - 5 POLE 16A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-552	FEMALE CONNECTOR - 3 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	267-563	MALE CONNECTOR WITH PE - 3 POLE 16A, 500V	EN 61984	DEKRA
Connector	B	WAGO	873-902	LUMINAIRE DISCONNECT CONNECTOR - 2 POLE 6A, 400V	EN 60998	DEKRA
Connector	B	WAGO	873-903	LUMINAIRE DISCONNECT CONNECTOR - 3 POLE 6A, 400V	EN 60998	DEKRA
Connector	B	WAGO	873-953	LUMINAIRE DISCONNECT CONNECTOR - 3 POLE 6A, 400V	EN 60998	DEKRA
Connector	B	WAGO	267-412	CONDUCTOR SUPPORT BASE - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-422	CONDUCTOR SUPPORT BASE + PE - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-437	CONDUCTOR SUPPORT COVER - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-435	CONDUCTOR SUPPORT COVER - 5 POLE 6A, 500V	EN 60664-1	DEKRA

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Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Connector	B	WAGO	267-163	FEMALE CONNECTOR PLUG - 3 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-165	FEMALE CONNECTOR PLUG - 5 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-167	FEMALE CONNECTOR PLUG - 7 POLE 6A, 500V	EN 60664-1	DEKRA
Connector	B	WAGO	267-328	CONDUCTOR SUPPORT BASE - 7 POLE 16A, 500V	EN 60664-1	DEKRA

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 Łukasiewicz- IMiF PREDOM Division

Certification Body: **Łukasiewicz- IMiF PREDOM Division**

Signed: Joanna Walczak-Złotkowska

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Manager of Certification
Office

Filip Walczak

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Leader of the Łukasiewicz- IMiF
PREDOM Division

Place: **WARSAW**

Date: **28-02-2022**

