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LICENCE

CERTIFICATE/CERTYFIKAT

to use the European Mark

Licencja na używanie europejskiego Znaku



Licence/Certificate No. / Licencja/ Certyfikat Nr 0257/ENEC/21

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Signify Poland Sp.z o.o. O/Kętrzyn
ul. Chrobrego 8, 11-400 Kętrzyn, Poland

For the products: *Dla wyrobów:*

Fixed general purpose luminaires- Office luminaires *Oprawy oświetleniowe stałe ogólnego przeznaczenia- Oprawy Biurowe*

Manufacturing place: *Miejsce Produkcji*

Signify Poland Sp.z o.o. O/Kętrzyn
ul. Chrobrego 8, 11-400 Kętrzyn, Poland

Trade name: *Znak towarowy:*

PHILIPS

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

KeyLine SM350C.... series, SM350X.... series (see Appendix/ *patrz Załącznik*)

Technical data/ Dane Techniczne: ~220-240V, 50/60Hz, IP20, 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:* KE210723 + Att. (EU GD and ND ref. No. KE210723/1) dated 26.04.2021, performed by the SMT/CTF-3 laboratory Signify Poland Sp z o.o. O/Kętrzyn Laboratory of Quality)

Date: *Data* 19-05-2021

Signature:

Name: Joanna Walczak-Ziótkowska

Wojciech Maj

Position: Manager of Certification Office

Director 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. **0257/ENEC/21**

page 1/3

Name and address of the license/ certificate holder:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Name and address of manufacturer:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Name and address of manufacturing place:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Name of product:	Fixed general purpose luminaires - Office luminaires
Type (model):	KeyLine SM350C...- series, SM350X...- series (see below)
Trade mark:	PHILIPS
Technical data:	
rated voltage	~ 220-240V
rated frequency	50/60Hz
rated wattage and no. of lamps	see below
type of lamp	LED
protection against electric shock	class I
degree of protection	IP 20
classification of the luminaires, with respect to the supporting material	normal
mains connections	Connection block, supply cord
ta	+10°C to +35°C

List of the luminaires

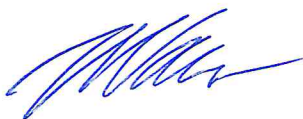
Choice sheet of the luminaires KeyLine SM350C...- series, SM350X...- series:

Example:



Designations used on the marking of luminaires:

- | | |
|-----------|---|
| 1. SP350C | <p>Family code</p> <ul style="list-style-type: none"> - SM350C - Surface Mounted & Suspended, Stand Alone and Line - SM350X - L-shape Surface Mounted & Suspended |
| 2. 50S | <p>Lumen output - (x100) [lumen] 9 to 50</p> |
| 3. 830 | <p>Light color:</p> <ul style="list-style-type: none"> - 830 – 3000K CRI80 - 840 – 4000K CRI80 |
| 4. PSD | <p>Driver type:</p> <ul style="list-style-type: none"> - PSD – power supply driver-dimmable (DALI) - PSU – power supply driver- non-dimmable |
| 5. PCS | <p>Optics type:</p> <ul style="list-style-type: none"> - PCS - Poly Textured Structure (office compliant) |
| 6. L1500 | <p>Length:</p> <ul style="list-style-type: none"> - L600 - luminaire length 563mm – for SM350C - L1200 - luminaire length 1124mm – for SM350C - L1500 - luminaire length 1403mm – for SM350C - N – L-corner L60L60 – 590x610mm – for SM350X |
| 7. WH | <p>Luminaire housing color:</p> <ul style="list-style-type: none"> - WH - white RAL 9003 - BK - black RAL 9004 - ALU - silver / anodized |



APPENDIX TO THE LICENCE/CERTIFICATE No. **0257/ENEC/21**

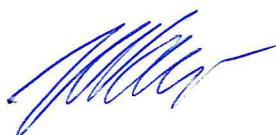
page 2/3

List of LED's and electronic led driver's system:

LED module	Driver	Flux (lm)	Led driving current (mA)	Power (W)
L600				
1x Fortimo LEDStripOC 2ft 2200lm 830 BC HV5	Xitanium 18W 0.1-0.5A 54V TD 230V	LED9S – LED20S	130 - 300	7 - 16
1x Fortimo LEDStripOC 2ft 2200lm 840 BC HV5				
L1200				
2x Fortimo LEDStripOC 2ft 2200lm 830 BC HV5	Xitanium 35W 0.08-0.35A 220V TD21 230V	LED18S – LED40S	130 - 300	13 - 31
	Xitanium 35W 0.08-0.35A 220V S16 230V			
2x Fortimo LEDStripOC 2ft 2200lm 840 BC HV5	Xitanium 30W 0.2/0.25A 60-120V DS 230V			
	Xitanium 60W 0.3/0.35A 85-170V DS 230V			
L1500				
2x Fortimo LEDStripOC 2ft 2200lm 830 BC HV5	Xitanium 35W 0.08-0.35A 220V TD21 230V	LED23S – LED50S	130 - 300	17 - 38
1x Fortimo LED Strip OC 1ft 1100lm 830 BC HV5	Xitanium 35W 0.08-0.35A 220V S16 230V			
2x Fortimo LEDStripOC 2ft 2200lm 840 BC HV5	Xitanium 30W 0.2/0.25A 60-120V DS 230V			
1x Fortimo LED Strip OC 1ft 1100lm 840 BC HV5	Xitanium 60W 0.3/0.35A 85-170V DS 230V			
L60L60				
2x Fortimo LEDStripOC 2ft 2200lm 830 BC HV5	Xitanium 35W 0.08-0.35A 220V TD21 230V	LED18S – LED40S	130 - 300	13 - 31
	Xitanium 35W 0.08-0.35A 220V S16 230V			
2x Fortimo LEDStripOC 2ft 2200lm 840 BC HV5	Xitanium 30W 0.2/0.25A 60-120V DS 230V			
	Xitanium 60W 0.3/0.35A 85-170V DS 230V			

List of components

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Driver	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Xitanium 18W 0.1-0.5A 54V TD 230V	220-240V; 50...60 Hz 0.1-0.5A; Tc=75°C	EN 61347-1 EN 61347-2-13	ENEC 05
Driver	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Xitanium 30W 0.2/0.25A 60-120V DS 230V	220-240V; 50...60 Hz 0.2-0.25A; Tc=75°C	EN 61347-1 EN 61347-2-13	ENEC 05
Driver	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Xitanium 35W 0.08-0.35A 220V S16 230V	220-240V; 50...60 Hz 0.08-0.35A; Tc=75°C	EN 61347-1 EN 61347-2-13	ENEC 05
Driver	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Xitanium 35W 0.08-0.35A 220V TD21 230V	220-240V; 50...60 Hz 0.08-0.35A; Tc=75°C	EN 61347-1 EN 61347-2-13	ENEC 05
Driver	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Xitanium 60W 0.3/0.35A 85-170V DS 230V	220-240V; 50...60 Hz 0.3-0.35A; Tc=75°C	EN 61347-1 EN 61347-2-13	ENEC 05
PCB	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Fortimo LED Strip OC 2ft 2200lm 830 BC HV5	Imax 600mA Umax 50V Tc=85°C	EN 62031	ENEC 15
PCB	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Fortimo LED Strip OC 2ft 2200lm 840 BC HV5	Imax 600mA Umax 50V Tc=85°C	EN 62031	ENEC 15
PCB	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Fortimo LED Strip OC 1ft 1100lm 830 BC HV5	Imax 600mA Umax 25V Tc=85°C	EN 62031	ENEC 15



APPENDIX TO THE LICENCE/CERTIFICATE No. **0257/ENEC/21**

page 3/3

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
PCB	A	PHILIPS LIGHTING ELECTRONICS / PHILIPS	Fortimo LED Strip OC 1ft 1100lm 840 BC HV5	I _{max} 600mA U _{max} 25V T _c =85°C	EN 62031	ENEC 15
Connection block	B	BJB	CON WW 3P PI 46.413.1115.50	450V; 16A	EN61984	VDE
Connection block	B	BJB	CON WW 5P F PI 46.415.1115.50	450V; 16A	EN61984	VDE
Connector	B	BJB	CON WW 2P F PI 46.412.1100.50	450V; 16A	EN61984	VDE
Connector	B	Adels	CON WW 1P 112001	380V; 16A	EN61984	VDE
Supply Cord	B	Leoni	CBL H05VV-F 3x0,75 WH Eca	0,75mm ² ; 300/500V 70°C	EN50525-2-11; IEC 60227-5	HAR
Supply Cord	B	Leoni	CBL H05VV-F 5x0,75 WH Eca	0,75mm ² ; 300/500V 70°C	EN50525-2-11; IEC 60227-5	HAR
Wire	B	Omerin	CBL H05G-U 1x0,5 WH	0,5mm ² ; 300/500V 110°C	HD 22.7 S2:1995 +A1:1999 +A2:2004	HAR
Wire	B	Omerin	CBL H05G-U 1x0,5 G/Y	0,5mm ² ; 300/500V 110°C	HD 22.7 S2:1995 +A1:1999 +A2:2004	HAR
Optical Cover	B	Philips	Fortimo OC	Lexan LUX2180T 850°C	UL746B IEC60695-2-12 IEC60695-2-13	UL

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 Łukasiewicz- IMiF PREDOM Division

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

Place: **WARSAW**

Signed:

Manager of Certification Office

Director of the Łukasiewicz- IMiF PREDOM Division

Date: 19-05-2021

Joanna Walczak-Złotkowska

Wojciech Maj