



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

ENEC Certification Body registered under ID 30. Validity of ENEC+ licences can be checked at www.enecplus.eu

LICENCE

to use the ENEC+ Mark



Licence/Certificate No. 0010/ENEC+ /18/M1

Under the conditions given in the following pages of this document, the licence to use the ENEC+ Mark in conjunction with the suffix 30, as shown above, has been issued to:

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

For the product:

Luminaires for road and street lighting

Trade name(s):

PHILIPS

Type(s)/Model(s):

Coreline Malaga BRP101...II... - series, Coreline Malaga BRP102...II... - series with LED modules MIDS 1.1 15x15 A1... (details – see the Appendix)

Complying with the following EPRS for performance:

EPRS 003:2018-05 based on EN 62722-2-1: 2016
 (see the test report BS-3/035/B/2/19 dated 30.07.2019/ITE PREDOM Division)

This ENEC+ Licence is only valid in conjunction with:

ENEC Licence No.: 0180/ENEC/18/M1 dated 26.07.2019 issued by: ITE PREDOM Division

Note: This licence/certificate No. 0010/ENEC+ /18/M1 has been issued because: - several components have been added, PCB LED have been changed, - Ta of luminaires was changed, - the choice sheet and system configuration table have been updated, - name of the licence/certificate holder/manufacturer has been changed. This licence/certificate replaces the licence/ certificate No. 0010/ENEC+ /18 dated 24-07-2018.

Date: 01-08-2019

Signatures:

Name: Joanna Walczak-Złotkowska

Wojciech Maj

Position: Manager of Certification Office

Director
 of ITE PREDOM Division

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.

Additional information – see the Appendix.



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APPENDIX TO THE LICENCE/CERTIFICATE No. 0010/ENEC+ /18/M1

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Name and address of the license holder/manufacturer:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Address of the factory:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
Name of product:	Luminaires for road and street lighting
Type (model):	Coreline Malaga BRP101...II... - series, Coreline Malaga BRP102...II... - series with LED modules MIDS 1.1 15x15 A1... - see below
Trade mark :	PHILIPS
Technical data:	
rated voltage	220-240V
rated current	max. 0,7 A
rated frequency	50/60Hz
number of lamps	30 - 90 LEDs
type of lamp	LED
protection against electric shock	class II
degree of protection	IP 65; IK08
classification of the luminaires, with respect to the supporting material	normal
mains connections	terminal block
ta	-40...+35°C
Input Power (W):	LED36 – 28,5 LED37 – 29,6 LED54 – 39,5 LED55 – 39,0 LED72 – 56,0 LED75 – 56,5 LED110 – 83,0 (for details see page 12 of the test report BS-3/035/B/2/19 dated 30.07.2019/ITE PREDOM Division)
Luminous Flux (lm):	LED36 – 2916 - 2952 LED37 – 3034 - 3054 LED54 – 4590 - 4698 LED55 - 4600 LED72 – 5976 - 6048 LED75 - 6133 LED110 – 9006 - 9130 (for details see page 12 of the test report BS-3/035/B/2/19 dated 30.07.2019/ITE PREDOM Division)
Colour temperature (CCT):	3000K 4000K
Colour rendering index (CRI):	CRI>70
Efficacy (lm/W):	LED36 – 102 - 104 LED37 - 103 LED54 – 116 - 119 LED55 - 118 LED72 – 107 - 108 LED75 - 109 LED110 – 109 - 110 (for details see page 12 of the test report BS-3/035/B/2/19 dated 30.07.2019/ITE PREDOM Division)
Lamp Type/Rating:	MIDS 1.1 15x15 A1 030 740 MIDS 1.1 15x15 A1 060 740 MIDS 1.1 15x15 A1 090 740 MIDS 1.1 15x15 A1 030 730 MIDS 1.1 15x15 A1 060 730 MIDS 1.1 15x15 A1 090 730
Luminaire (Type A, B, C)	Type A - Luminaires using LED modules where compliance with EN 62717 has been proven
Ambient Temperature Rating (t _a)	25°C



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List of the luminaires:

Choice sheet of the luminaires Coreline Malaga BRP101...II... - series, Coreline Malaga BRP102...II... - series with LED modules MIDS 1.1 15x15 A1....:

Example:

BRP101 LED37/740 II DM MSP SRG10 H07RN-F 3Gx1.5 3

1 2 3 4 5 6 7 8

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

- | | |
|--------------------|---|
| 1. BRP101 | - Code of the series (101, 102- CoreLine Malaga LED) |
| 2. LED37 | - LEDGINE flux(x100) [lumen] range: LED36, LED37, LED54, LED55, LED72, LED75 and LED110 |
| 3. 740, 730 | - LEDGINE version/color – CRI>70 NW 4000K or WW 3000K |
| 4. II | - Class II |
| 5. DM | - Optic DM, DW – Road distribution – core version |
| 6. MSP | - Marine salt protected coating |
| 7. SRG10 | - 10kV Surge Protection Device |
| 7. SDM10 | - 10kV Surge Protection Device (differential mode) |
| 7. FU | - Fuse 6A |
| 8. H07RN-F 3x1.5 3 | - POWER CABLE H07-RN-F Yx1.5 3m (1,5 mm ²) Y is 2 or 3 core, |

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

LEDGINE	LED module	Driver	Current
LED36	MIDS 1.1 15x15 A1 030 740 MIDS 1.1 15x15 A1 030 730	Xitanium 50W 0.70A 230V-J cXt	max.0,7A
LED37	MIDS 1.1 15x15 A1 030 740 MIDS 1.1 15x15 A1 030 730	Xitanium 50W 0.70A 230V-J cXt	max.0,7A
LED54	MIDS 1.1 15x15 A1 060 740 MIDS 1.1 15x15 A1 060 730	Xitanium Dim 100W 0.7A 1-10V 230V Y-sXt	max.0,7A
LED55	MIDS 1.1 15x15 A1 060 740 MIDS 1.1 15x15 A1 060 730	Xitanium Dim 100W 0.7A 1-10V 230V Y-sXt Xitanium 100W 0.7A 230V Y	max.0,7A
LED72	MIDS 1.1 15x15 A1 060 740 MIDS 1.1 15x15 A1 060 730	Xitanium 100W 0.7A 230V Y	max.0,7A
LED75	MIDS 1.1 15x15 A1 060 740 MIDS 1.1 15x15 A1 060 730	Xitanium 100W 0.7A 230V Y	max.0,7A
LED110	MIDS 1.1 15x15 A1 090 740 MIDS 1.1 15x15 A1 090 730	Xitanium 100W 0.7A 230V Y	max.0,7A



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Luminaire family	Series	Used LED module	LED module ratings	ENEC for luminaire	Report for module
Coreline Malaga LED	BRP101...II... BRP102...II...	MIDS 1.1 15x15 A1 030 740 MIDS 1.1 15x15 A1 060 740 MIDS 1.1 15x15 A1 090 740 MIDS 1.1 15x15 A1 030 730 MIDS 1.1 15x15 A1 060 730 MIDS 1.1 15x15 A1 090 730	700mA	0180/ENEC/18/M1 dated 26.07.2019 issued by ITE PREDOM Division	UL Report No. DK-78956-UL SGS Report No. GZES1707011977531

Certification Body: **ITE PREDOM Division**

Place: **WARSAW**

Signed:

Manager
of Certification Office

Director
of ITE PREDOM Division

Date: **01-08-2019**

Joanna Walczak-
Złotkowska

Wojciech Maj