

AENOR

ENEC Certification Body registered under ID # 01. Validity of ENEC+ licences can be checked at www.enecplus.eu

LICENCE

to use the European Mark



Licence Nr. ENEC+/000019

Under the conditions given in the following pages of this document, the licence to use the ENEC+ Mark in conjunction with the suffix 01, as shown above, has been issued to:

C. & G. CARANDINI, S.A.U.
Calle VERNEDA, 66-70
08107 MARTORELLES (Barcelona – España/Spain)

For the product(s):

Luminaire - LED

Trade name(s):

CARANDINI

Complying with the following EPRS for performance:

PD EPRS 003:2018

This ENEC+ Licence is only valid in conjunction with:

ENEC Licence no.: ENEC 001147 **issued by:** 2020-10-27

Date: 2020-12-14

Signature:

A handwritten signature in blue ink, appearing to read 'Rafael García', is written over a horizontal line.

Name: Rafael García
Position: General Manager

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.

AENOR INTERNACIONAL, S.A.U.
Cl Génova, 6
28004 MADRID (Spain)

AENOR

CERTIFICADO ENEC+ DE PRODUCTO



Tipo de producto / Type of Product	LUMINARIA - LED
r1) N° Certificado / Certificate n°	ENEC+/000019
r2) Fecha Certificado / Date of the Certificate	2020-12-14
r3) N° de Informe de ensayo / Test report n°	2020100896B1 L
r4) Nombre y dirección del licenciario Name and address of the licensee	C. & G. CARANDINI, S.A.U. Calle VERNEDA, 66-70 08107 MARTORELLES (Barcelona – España/Spain)
r5) Dirección de la factoría/Address of the factory	Calle VERNEDA, 66-70 08107 MARTORELLES (Barcelona – España/Spain)
r6) Referencia de la Norma Española/Spanish Standard	-
r7) Referencia de la Norma Europea/European Standard	PD EPRS 003:2018
r8) Referencia / Reference	Ver Anexo I <i>refer to Annex I</i>
r9) Marca comercial / Trade mark	CARANDINI
r10) Certificado ENEC relacionado/ENEC referred Certificate	ENEC 001147
r11) Tipo de luminaria (según ENEC relacionado) /Luminaire type (acc. to referred ENEC)	Luminaire for road and street lighting
r12) Tensión (V) y frecuencia (Hz) nominal/Rated voltage (V) and frequency (Hz)	220-240 V-; 50/60 Hz
r13) Potencia de red y en estado de alerta (si aplica), W Supply and stand-by (if proceeds) power (W)	Mains (see forward)
r14) Potencia de red en alumbrado de emergencia (si aplica), W Emergency lighting supply power (if proceeds), W	N/A
r15) Flujo (lm), consumo asociado (W) y eficiencia luminosa (lm/W) Rated lumen (lm) and lumen efficiency (lm/W)	Ver Anexo I <i>refer to Annex I</i>
r16) Temperatura de color (CCT) e índice de reproducción cromática (IRC) Colour temperature (CCT) and colour rendering index (CRI)	CCT: 2200, 2700, 3000, 4000 K IRC: 70
r17) Luminaria tipo A ó B / Luminaire type A or B	Type A
r18) Módulo LED: Potencia o corriente nominal, n° LEDs y temp. máx. funcionamiento LED module: rated power (W) or current (mA), n° LED and max. operating temp. (tp)	Ver Anexo I <i>refer to Annex I</i>
r19) Temperatura ambiente nominal (tq)/Rated ambient temperature (tq)	40 °C
r20) Información adicional / Further data	Warm and neutral white
Fecha de caducidad/ Date of expiry:	2025-12-14

Original Electrónico

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.es

1/2

AENOR

CERTIFICADO ENEC+ DE PRODUCTO



ANEXO I AL CERTIFICADO ENEC+/000019 ANNEX I TO CERTIFICATE ENEC+/000019

REFERENCIA <i>Reference</i>	FLUJO (LM), CONSUMO ASOCIADO (W) Y EFICIENCIA LUMINOSA (LM/W) <i>Rated lumen (lm) and lumen efficiency (lm/w)</i>	MÓDULO LED: POTENCIA (W) O CORRIENTE (mA) NOMINAL, Nº LEDS Y TEMP. MÁX. FUNCIONAMIENTO (TP) <i>LED module: rated power (W) or current (mA), nº LED and max. operating temp. (tp)</i>
Veka L 128 LED	9148 - 34863 lm; 80,3 - 270,6 W; 114 - 129 lm/W	700 mA; 128 LEDs, 85 °C
Veka L 160 LED	11355 - 38265 lm; 97,9 - 285,5 W; 116 - 134 lm/W	600 mA; 160 LEDs, 85 °C
Veka L 64 LED	4530 - 17771 lm; 41,6 - 137 W; 109 - 130 lm/W	700 mA; 64 LEDs, 85 °C
Veka L 80 LED	5599 - 22034 lm; 49,1 - 170,9 W; 114 - 129 lm/W	700 mA; 80 LEDs, 85 °C
Veka L 96 LED	6860 - 26535 lm; 61,6 - 205 W; 111 - 130 lm/W	700 mA; 96 LEDs, 85 °C
Veka M 32 LED	2322 - 12555 lm; 21,5 - 110,7 W; 108 - 113 lm/W	1000 mA; 32 LEDs, 85 °C
Veka M 48 LED	3580 - 13581 lm; 30,7 - 149,4 W; 116 - 120 lm/W	1000 mA; 48 LEDs, 85 °C
Veka M 64 LED	4711 - 20108 lm; 41,6 - 161,5 W; 113 - 125 lm/W	800 mA; 64 LEDs, 85 °C
Veka N 16 LED	1232 - 6332 lm; 11,7 - 54,2 W; 105 - 117 lm/W	1000 mA; 16 LEDs, 85 °C
Veka N 24 LED	1909 - 9912 lm; 17 - 79 W; 112 - 125 lm/W	1000 mA; 24 LEDs, 85 °C
Veka N 8 LED	622 - 3345 lm; 6,25 - 29 W; 99 - 116 lm/W	1000 mA; 8 LEDs, 85 °C
Veka S 16 LED	1252 - 6623 lm; 11,7 - 54,2 W; 107 - 122 lm/W	1000 mA; 16 LEDs, 85 °C
Veka S 24 LED	1881 - 9652 lm; 17 - 79 W; 111 - 122 lm/W	1000 mA; 24 LEDs, 85 °C
Veka S 36 LED	2877 - 13774 lm; 23,4 - 112,4 W; 123 - 123 lm/W	1000 mA; 36 LEDs, 85 °C
Veka S 48 LED	3678 - 13016 lm; 30,6 - 103 W; 120 - 126 lm/W	700 mA; 48 LEDs, 85 °C