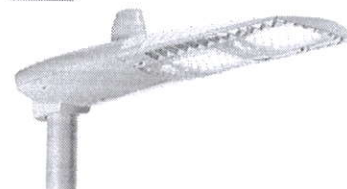


AXIA 2.2

5178

Optic	5178
Protector	Integrated lenses
Source	48 Nichia NVSL219CT
Matrix	383852



Characteristics

895	300	116	10.0	IP 66	IK 09	I EU, II EU	0.071
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)

* According to IEC-EN60598 and IEC-EN62262

Features

The most comprehensive and economical LED lighting solution

- Cost-effective and efficient lighting solution for a fast return on investment
- Smart City connectivity
- Photometric engine with light distributions adapted to various applications
- ThermiX® for long lasting performance
- FutureProof: follows the principles of circular economy
- Universal fixation adapted for side-entry and post-top mounting
- Adjustable inclination in steps of 2.5°

Types of application

- Square and park
- Bridge
- Park
- Roundabout
- Car park
- Road and highway
- Residential road
- Train station
- Bike path
- Urban road

Information for 1000 lm matrix

Efficacy (%)	90.4	G Class (EN 13201-2)	G1	I 70-80-90-95 (cd)	653 - 170 - X - X
DLOR (%)	90.4	G* (EN 13201 2015)	G*1	CIE flux code N 1→5 (%)	43.7 - 74.6 - 95.9 - 100.0 - 90.4
ULOR (%)	0.0	Imax (cd)	656	Gradient 90°	16cd
ULR (%)	0.0	Aperture 0-180°	21 - 21	Gradient 270°	16cd
Incl ULR 4%	-40/40°	Aperture 90-270°	X - X		



Photometrical characteristics

LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
Ambient temp = 25°									
48	NW 740	460	68	10607	9594	141	6955	B3 U1 G2	230
48	NW 740	530	79	12027	10878	138	7886	B3 U1 G2	230
48	NW 740	590	87	13196	11935	137	8653	B3 U1 G2	230
48	NW 740	660	98	14532	13144	134	9529	B3 U1 G2	230
48	NW 740	730	109	15785	14277	131	10350	B3 U1 G2	230
48	NW 740	800	120	17038	15410	128	11172	B3 U1 G2	230
48	NW 740	890	134	18625	16845	126	12212	B3 U1 G3	230
48	NW 740	960	145	19711	17827	123	12924	B3 U1 G3	230
48	NW 740	1000	151	20379	18432	122	13362	B3 U1 G3	230

Tolerance on flux +- 7% - Tolerance on power +- 5%



Summary

CONCEPT

Luminaire specifically designed for LEDs

Recommended installation height: between 5-8m for AXIA 2.1 and 6-10m for AXIA 2.2

For optimal heat dissipation, the driver and LED engine are in separate compartments and juxtaposed in a horizontal section

HOUSING & FINISH

- Housing in high-pressure, die-cast aluminium, polyester powder coated, with a flat area for a photoelectric cell.
- Housing is surrounded by lateral cooling fins for optimal heat extraction.
- Colour: RAL grey 7040 or black RAL 9005.

INSTALLATION

- Incorporated universal fixation with adjustable inclination in 2.5° steps
- Fixation with tiltable clamp and 2 Allen grub screws M8x45 in stainless steel
- Post-top 48-60mm and 76mm spigot at 5° inclination, allows tilt on a vertical pole from 0 to +10° by 2.5° steps
- Lateral mounting on 32 (with sleeve), 42, 48 or 60mm spigot at 0°, allows tilt on horizontal spigot from +5° to -10° by 2.5° steps
- Cover opens via 2 stainless screws positioned on the lower side of the housing to prevent dirt and corrosion build up

OPTICAL UNIT

- Flatbed PCB with polycarbonate lens overlay principle offering various photometric distributions from narrow, medium to wide road; the IP 66 level allows long lasting performance
- CRI > 70
- ULOR: 0%
- Lifetime residual flux @ Tq=25°C @ 100.000 hrs: 90%

ELECTRICAL

- Class I or Class II (size 2 only)
- Input voltage: 230V ± 10% - 50-60Hz
- Power factor > 85% at full load
- 10kV, 10kA surge protection

STANDARDS & CERTIFICATIONS

- CE
- ENEC
- LM79-80
- ROHS
- All measurements in ISO17025 accredited laboratory

OPTIONS

- Other RAL or AKZO colours
- Owllet remote management
- Custom dimming profile; Constant Light Output (CLO); Dali; 0-10V
- Photocell
- Presence detection

AXIA 2.2 - 5178 - 48 Nichia NVSL219CT - Integrated lenses - 383852



14/07/2020

Schröder

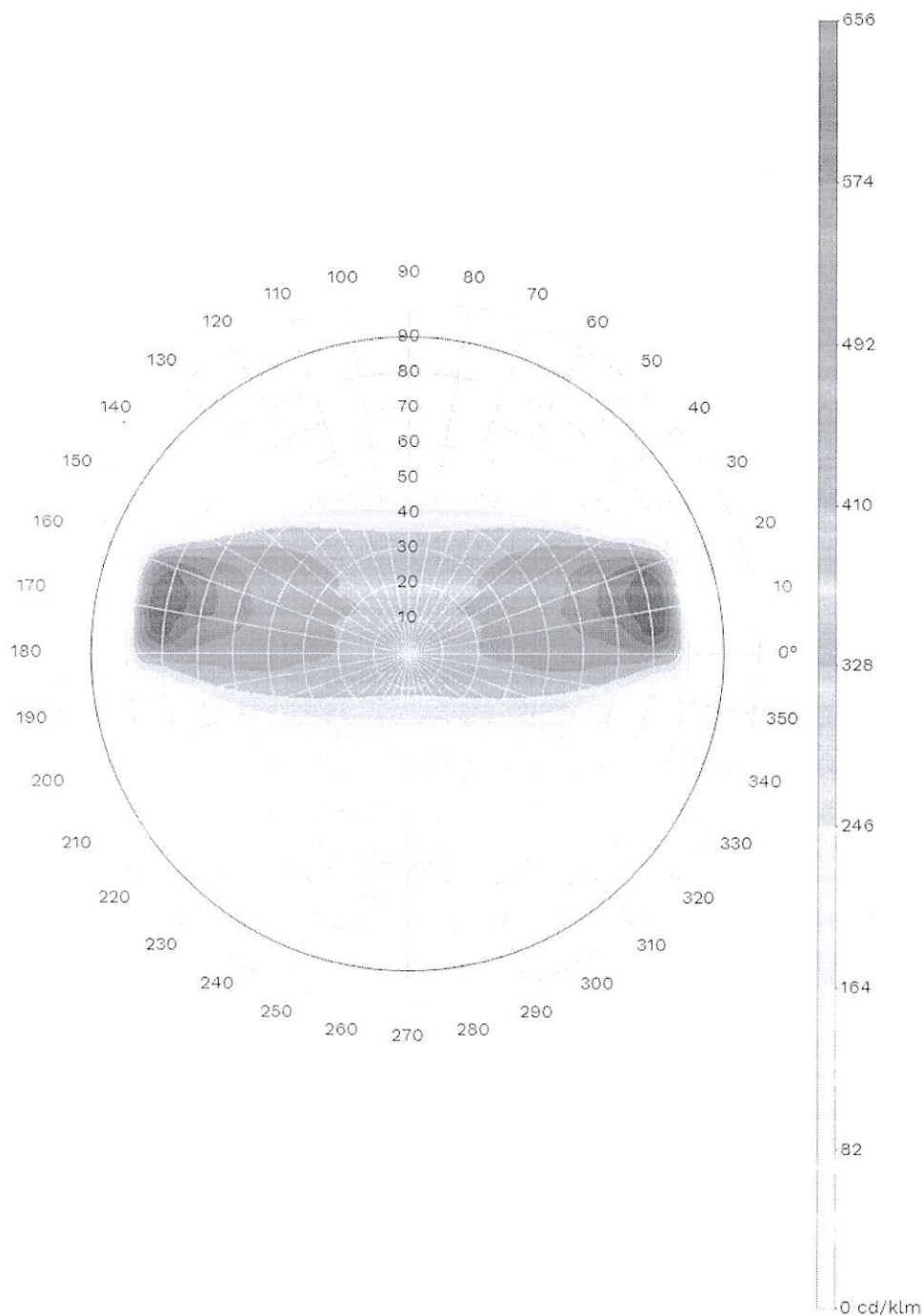
- External light control louvres
- Supplied pre-cabled for easy installation



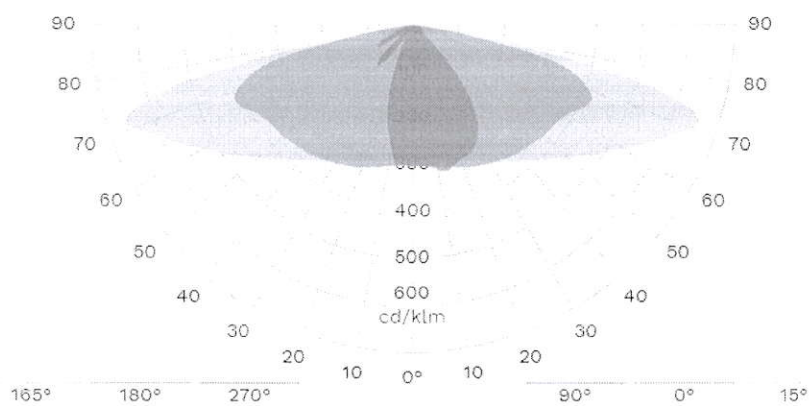
14/07/2020

Hypergon view

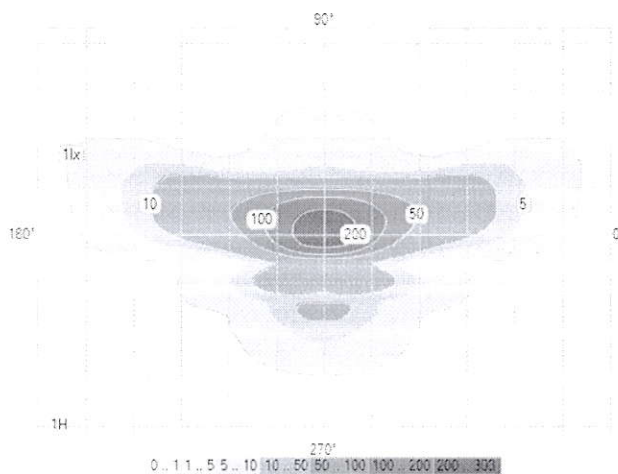
Schröder



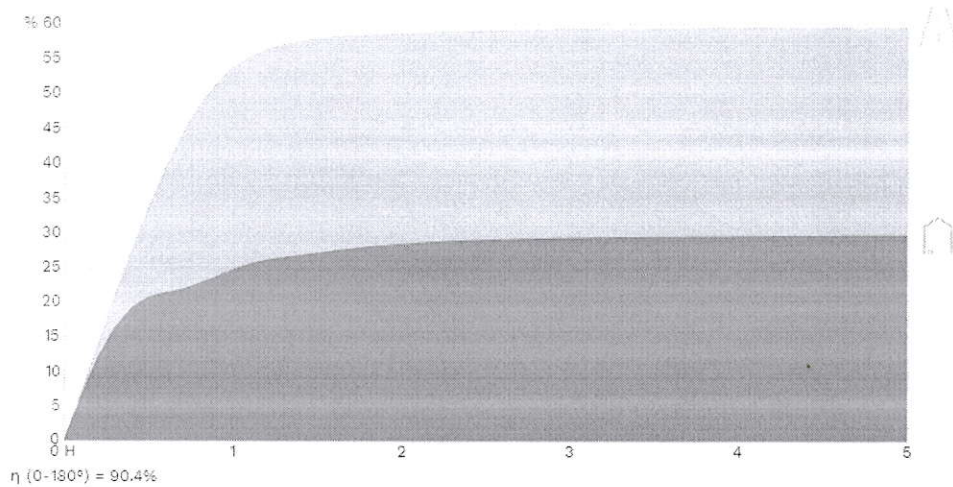
Polar/Cartesian diagram



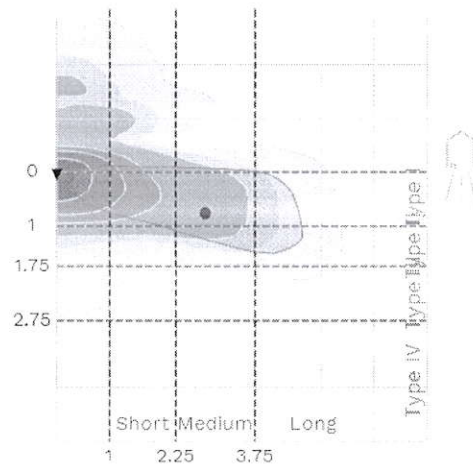
Isolux



K-Curve

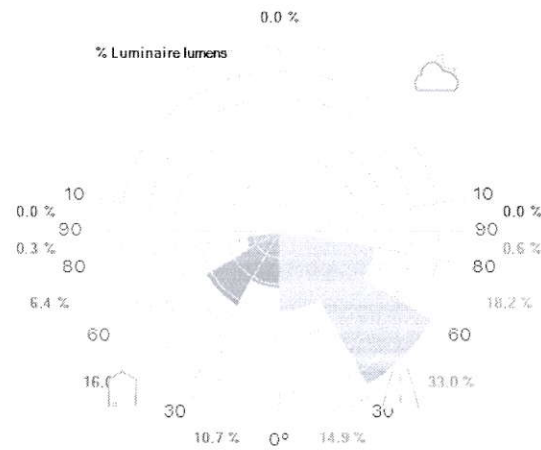


IES Roadway Classification / Nema Classification

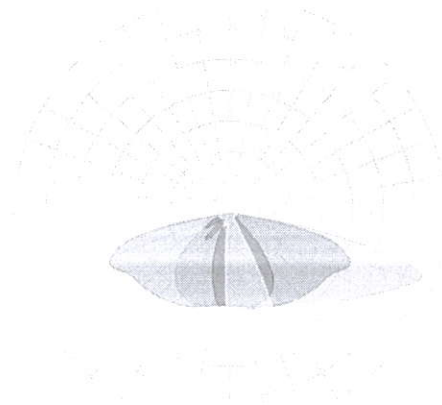


II - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



105°

270°

180°

Site : 71°

0°

90°

285°

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<http://www.schreder.com>



DECLARAȚIE DE CONFORMITATE



SCHRÉDER ROMANIA S.R.L., cu sediul în Cluj - Napoca, str. Corneliu Coposu, nr. 167A, Jud. Cluj, România, înregistrată la Registrul Comerțului cu nr. J12/1759/1998, membră a SCHRÉDER GROUP, în calitate de furnizori de aparate de iluminat marca SCHRÉDER

Declarăm pe propria răspundere că aparatul de iluminat: **AXIA 2.2**

Echipare: 32, 40, 48 LED-uri

Clasă electrică: I sau II

Tensiune nominală: 220-240 V / 50 - 60Hz

Etanșeitate compartiment optic: IP 66

Etanșeitate compartiment aparataj: IP 66

Cu condiția ca acesta să fie instalat, întreținut și utilizat în conformitate cu standardele de instalare și instrucțiunile producătorului. Este în conformitate cu următoarele directive sau standarde:

- EN 60598-1 (2015)
- EN 60598-2-1 (1979)
- EN 60598-2-3 (2003 + A1 2011)
- EN 61547 (2009)
- EN 61347 (2015)
- EN 55015 (2013)
- EN 61000-3-2 (2014) & 3-3 (2013)
- EN 62471 (2008)
- EN 62493 (2010)
- Directiva 2014/30/EU
- Directiva 2014/35/EU
- Directiva 2009/125/EC
- Directiva 2012/19/EU
- Directiva 2003/108/EC
- Directiva RoHS 2011/65/EU (RoHS 2)
- R.D. 1890/2008, 14 Noiembrie
- R.D. 154/1.995, 3 Februarie
- R.D. 842/2002, 2 August

SCHRÉDER ROMANIA S.R.L.
Director General,

Alexandru SIRCA

Eliberat,
Martie 2019, Cluj-Napoca

Schröder România s.r.l.

Str. Corneliu Coposu, nr.167A | 400228 Cluj-Napoca Romania | T +40 364 560 670 | F +40 364 560 671 | www.schröder.com
TVA RO 11210601 | J12/1759/1998 | IBAN RO77 FTSB 6448 0000 3700 1RON | BIC FTSBROBU



AENOR

ENEC Certification Body registered under ID # 01. For further information, please consult www.enec.com

LICENCE

to use the European Mark



Licence Nr. ENEC/001108

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:

SCHRÉDER GROUP
RUE DE LUSAMBO, 67
B-1190 BRUXELLES (Belgium)

For the product(s):

Luminaire for road and street lighting

Trade name(s):

SCHRÉDER

Complying with the following European Standards:

EN 60598-1:2015; EN 60598-2-3:2003;
EN 60598-2-3:2003/A1:2011; EN 62262:2002

Date: 2019-01-30

Signature:

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.
C/ Génova, 6
28004 MADRID (Spain)



AENOR

CERTIFICADO ENEC DE PRODUCTO



Tipo de producto / Type of Product	LUMINARIA PARA ALUMBRADO PÚBLICO
r1) N° Certificado / Certificate n°	ENEC/001108
r2) Fecha Certificado / Date of the Certificate	2019-01-30
r3) N° de Informe de ensayo / Test report n°	-
r4) Nombre y dirección del licenciario Name and address of the licensee	SCHRÉDER GROUP RUE DE LUSAMBO, 67 B-1190 BRUXELLES (Bélgica)
r5) Dirección de la factoría Address of the factory	AV ROANNE 66 - PI EL HENARES 19130 MARCHAMALO (Guadalajara - España)
r6) Referencia de la Norma Española Spanish Standard	UNE-EN 60598-1:2015; UNE-EN 60598-2-3:2003; UNE-EN 60598-2-3:2003/A1:2011; UNE-EN 62262:2002
r7) Referencia de la Norma Europea European Standard	EN 60598-1:2015; EN 60598-2-3:2003; EN 60598-2-3:2003/A1:2011; EN 62262:2002
r8) Referencia / Type reference	Ver Anexo I <i>refer to Annex I</i>
r9) Marca comercial / Trade mark	SCHRÉDER
r10) Tensión y frecuencia asignadas Rated voltage and frequency	230 V-; 50/60 Hz
r11) N° de lámparas y potencia asignada N° of lamps and rated wattage	Ver Anexo I <i>refer to Annex I</i>
r12) Tipo de lámparas y portalámparas Type of lamps and lampholder	LED (module); SMD
r13) Grado de protección / Degree of protection (IP)	IP 66; IK 08
r14) Medios de conexión a la red Means for power supply connection	Terminals
r15) Clasif. por material superficie apoyo Class. respect supporting material	Suitable for normally flammable surfaces
r16) Protección contra choques eléctricos (clase) Protection against electric shock (class)	Class I, II
r17) Limitaciones / Limitations	Ver Anexo I <i>refer to Annex I</i>
r18) Información adicional / Additional data	Ver Anexo I <i>refer to Annex I</i>
Fecha de caducidad: 2021-11-17 Date of expiry	

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

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Product certification body accredited by ENAC, number 01/C-PR275



AENOR

CERTIFICADO ENEC DE PRODUCTO



ANEXO I AL CERTIFICADO ENEC/001108 ANNEX I TO CERTIFICATE ENEC/001108

REFERENCIA <i>Type reference</i>	Nº DE LÁMPARAS Y POTENCIA ASIGNADA <i>Nº of lamps and rated wattage</i>	LIMITACIONES <i>Limitations</i>	INFORMACIÓN ADICIONAL <i>Additional data</i>
AXIA 2.1 16 LED 19 W	16 LED; 19 W; 390 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 16 LED 24 W	16 LED; 24 W; 480 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 16 LED 30 W	16 LED; 30 W; 600 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 16 LED 34 W	16 LED; 34 W; 690 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 16 LED 38 W	16 LED; 38 W; 760 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 24 LED 36 W	24 LED; 36 W; 490 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 24 LED 40 W	24 LED; 40 W; 540 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 24 LED 47 W	24 LED; 47 W; 630 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 24 LED 51 W	24 LED; 51 W; 690 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 24 LED 56 W	24 LED; 56 W; 750 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 24 LED 66 W	24 LED; 66 W; 890 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 4 LED 8 W	4 LED; 8 W; 680 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white

Original Electrónico

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Tel. 91 432 60 00.- www.aenor.es

Entidad de certificación de producto acreditada por ENAC con nº 01/C-PR275
Product certification body accredited by ENAC, number 01/C-PR275



AENOR

CERTIFICADO ENEC DE PRODUCTO



ANEXO I AL CERTIFICADO ENEC/001108 ANNEX I TO CERTIFICATE ENEC/001108

REFERENCIA <i>Type reference</i>	Nº DE LAMPARAS Y POTENCIA ASIGNADA <i>Nº of lamps and rated wattage</i>	LIMITACIONES <i>Limitations</i>	INFORMACIÓN ADICIONAL <i>Additional data</i>
AXIA 2.1 8 LED 12 W	8 LED; 12 W; 480 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 8 LED 17 W	8 LED; 17 W; 690 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.1 8 LED 20 W	8 LED; 20 W; 820 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 50 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.1 Series. Neutral white
AXIA 2.2 32 LED 68 W	32 LED; 68 W; 690 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 32 LED 85 W	32 LED; 85 W; 860 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 32 LED 95 W	32 LED; 95 W; 960 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 40 LED 114 W	40 LED; 114 W; 920 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 40 LED 124 W	40 LED; 124 W; 1000 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 40 LED 46 W	40 LED; 46 W; 370 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 40 LED 51 W	40 LED; 51 W; 410 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 40 LED 56 W	40 LED; 56 W; 450 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 40 LED 60 W	40 LED; 60 W; 480 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white

Original Electrónico

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CERTIFICADO ENEC DE PRODUCTO



ANEXO I AL CERTIFICADO ENEC/001108
ANNEX I TO CERTIFICATE ENEC/001108

REFERENCIA <i>Type reference</i>	Nº DE LÁMPARAS Y POTENCIA ASIGNADA <i>Nº of lamps and rated wattage</i>	LIMITACIONES <i>Limitations</i>	INFORMACIÓN ADICIONAL <i>Additional data</i>
AXIA 2.2 40 LED 94 W	40 LED; 94 W; 760 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 109 W	48 LED; 109 W; 730 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 119 W	48 LED; 119 W; 800 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 132 W	48 LED; 132 W; 890 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 143 W	48 LED; 143 W; 960 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 149 W	48 LED; 149 W; 1020 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 68 W	48 LED; 68 W; 460 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 79 W	48 LED; 79 W; 530 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 88 W	48 LED; 88 W; 590 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white
AXIA 2.2 48 LED 98 W	48 LED; 98 W; 660 mA	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m	AXIA 2.2 Series. Neutral and warm white

Original Electrónico

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Tel. 91 432 60 00.- www.aenor.es

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Product certification body accredited by ENAC, number 01/C-PR275



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LICENCE

to use the European Mark



Licence Nr. ENEC/001048

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:

SCHRÉDER GROUP
RUE DE LUSAMBO, 67
B-1190 BRUXELLES (Belgica *Belgium*)

For the product(s):

Luminaire for road and street lighting

Trade name(s):

SCHRÉDER

Complying with the following European Standards:

EN 60598-1:2015; EN 60598-2-3:2003;
EN 60598-2-3:2003/A1:2011; EN 62262:2002

Date: 2018-02-28

Signature:

Name: Rafael García
Position: General Manager

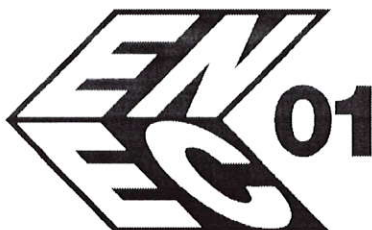
This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

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



AENOR

CERTIFICADO ENEC DE PRODUCTO



Tipo de producto / Type of Product	LUMINARIA PARA ALUMBRADO PÚBLICO
r1) N° Certificado / Certificate n°	ENEC/001048
r2) Fecha Certificado / Date of the Certificate	2018-02-28
r3) N° de Informe de ensayo / Test report n°	2016050306B1-II-M1
r4) Nombre y dirección del licenciario Name and address of the licensee	SCHRÉDER GROUP RUE DE LUSAMBO, 67 B-1190 BRUXELLES (Bélgica)
r5) Dirección de la factoría Address of the factory	AV ROANNE 66 - PI EL HENARES 19130 MARCHAMALO (Guadalajara - España)
r6) Referencia de la Norma Española Spanish Standard	UNE-EN 60598-1:2015; UNE-EN 60598-2-3:2003; UNE-EN 60598-2-3:2003/A1:2011; UNE-EN 62262:2002
r7) Referencia de la Norma Europea European Standard	EN 60598-1:2015; EN 60598-2-3:2003; EN 60598-2-3:2003/A1:2011; EN 62262:2002
r8) Referencia / Type reference	Ver Anexo I <i>refer to Annex I</i>
r9) Marca comercial / Trade mark	SCHRÉDER
r10) Tensión y frecuencia asignadas Rated voltage and frequency	230 V-; 50/60 Hz
r11) N° de lámparas x potencia asignada N° of lamps x rated wattage	Ver Anexo I <i>refer to Annex I</i>
r12) Tipo de lámparas y portalámparas Type of lamps and lampholder	LED (module); SMD
r13) Grado de protección / Degree of protection (IP)	IP 66; IK 08
r14) Medios de conexión a la red Means for power supply connection	Terminals
r15) Clasif. por material superficie apoyo Class. respect supporting material	Suitable for normally flammable surfaces
r16) Protección contra choques eléctricos (clase) Protection against electric shock (class)	Class II
r17) Limitaciones / Limitations	Horizontal mounting. Fixed to post or arm. Ta max. = 30 °C. Min. clearance to illum. objects: 0,2 m
r18) Características generales Technical data	AXIA 2.2 Series. Neutral and warm white
Fecha de caducidad: 2021-11-17 Date of expiry	Este certificado anula y sustituye al 007/001048, de fecha 2017-02-01. This certificate supersedes certificate 007/001048, dated 2017-02-01.

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

Entidad de certificación de producto acreditada por ENAC con n° 01/C-PR275
Product certification body accredited by ENAC, number 01/C-PR275



AENOR

CERTIFICADO ENEC DE PRODUCTO



ANEXO I AL CERTIFICADO ENEC/001048 ANNEX I TO CERTIFICATE ENEC/001048

REFERENCIA <i>Type reference</i>	Nº DE LÁMPARAS X POTENCIA ASIGNADA <i>Nº of lamps x rated wattage</i>
AXIA 2.2 32 LED 116 W Cl. II	32 LED; 116 W; 960 mA
AXIA 2.2 32 LED 51 W Cl. II	32 LED; 51 W; 690 mA
AXIA 2.2 32 LED 60 W Cl. II	32 LED; 60 W; 860 mA
AXIA 2.2 40 LED 109 W Cl. II	40 LED; 109 W; 1000 mA
AXIA 2.2 40 LED 47 W Cl. II	40 LED; 47 W; 480 mA
AXIA 2.2 40 LED 68 W Cl. II	40 LED; 68 W; 760 mA
AXIA 2.2 40 LED 69 W Cl. II	40 LED; 69 W; 370 mA
AXIA 2.2 40 LED 86 W Cl. II	40 LED; 86 W; 410 mA
AXIA 2.2 40 LED 87 W Cl. II	40 LED; 87 W; 920 mA
AXIA 2.2 40 LED 98 W Cl. II	40 LED; 98 W; 450 mA
AXIA 2.2 48 LED 120 W Cl. II	48 LED; 120 W; 800 mA
AXIA 2.2 48 LED 127 W Cl. II	48 LED; 127 W; 590 mA
AXIA 2.2 48 LED 134 W Cl. II	48 LED; 134 W; 890 mA
AXIA 2.2 48 LED 145 W Cl. II	48 LED; 145 W; 960 mA
AXIA 2.2 48 LED 151 W Cl. II	48 LED; 151 W; 1020 mA
AXIA 2.2 48 LED 56 W Cl. II	48 LED; 56 W; 460 mA
AXIA 2.2 48 LED 79 W Cl. II	48 LED; 79 W; 660 mA
AXIA 2.2 48 LED 96 W Cl. II	48 LED; 96 W; 530 mA
AXIA 2.2 48 LED 98 W Cl. II	48 LED; 98 W; 730 mA

Original Electrónico

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

Entidad de certificación de producto acreditada por ENAC con nº 01/C-PR275
Product certification body accredited by ENAC, number 01/C-PR275



SGS



ENEC Certification Body registered under ID # 02. Validity of ENEC and ENEC+ licences can be checked at www.enec.com

LICENCE

to use the ENEC+ Mark



ENEC+ License No.: 20896

(Replaces No. 20789)

Under the conditions given in the "Rules concerning the use of the CEBEC mark" complemented by the ENEC+ Agreement under contract 1173/2, the license to use the ENEC+ Mark with suffix 02, as shown above, has been issued to:

Schreder S.A.
Rue de Lusambo, 67
1190 BRUXELLES
Belgium

For the product:

Road and street lighting

Trade name(s):

SCHREDER

Type(s)/Model(s):

AMPERA MINI, AMPERA MIDI, AMPERA MAXI

Complying with the following EPRS for performance:

EPRS 003:2014

Based on test reports Nos. P1538-XPG2-022017, P1537-XPG2-022017, P1536-XPG2-022017, P1536-OSLON-122017, P1537-OSLON-122017, P1538-OSLON-122017

This licence is conditional to the validity of the ENEC Licence No.: 20892

Date: 2018-07-12

Signature:

Name: Calogero LANA
Position: Certification Manager

SGS Belgium NV – Division SGS CEBEC, Riverside Business Park, Avenue Internationale laan 55, Building D, BE-1070 Brussels
Tel. +32 2 556 00 20 – cebec.info@sgs.com



Schröder

Experts in lightability™

DECLARAȚIE DE CONFORMITATE



SCHRÉDER ROMANIA S.R.L., cu sediul în Cluj - Napoca, str. Corneliu Coposu, nr. 167A, Jud. Cluj, România, înregistrată la Registrul Comerțului cu nr. J12/1759/1998, membră a SCHRÉDER GROUP, în calitate de furnizori de aparate de iluminat marca SCHRÉDER

Declarăm pe propria răspundere că aparatul de iluminat: **AMPERA**

Versiune: MAXI/MIDI/MINI

Echipare: MAXI: Max. 128 LED-uri / MIDI: Max. 64 LED-uri / MINI: Max. 24 LED-uri

Clasa electrică: I sau II

Caracteristici: Max. 700mA (model echipat cu LED-uri XPG-2 sau OSLO)

Max. 1000mA (model echipat cu LED-uri XPG-2 sau OSLO)

Etanșeitate compartiment optic: IP 66

Etanșeitate compartiment aparat: IP 66

Tensiune nominală: 230 V – 50 Hz

Cu condiția ca acesta să fie instalat, întreținut și utilizat în conformitate cu standardele de instalare și instrucțiunile producătorului. Este în conformitate cu următoarele directive sau standarde:

- EN 60598-1 (2015 + A11 2009)
- EN 60598-2-1 (1979)
- EN 60598-2-3 (2016 + A1 2011)
- EN 60598-2-5 (2015)
- EN 61547 (2009)
- EN 61347 (2015)
- EN 55015 (2013)
- EN 61000-3-2 (2014) & 3-3 (2013)
- EN 62471 (2008)
- EN 62493 (2010)
- IEC 62696 (2011)
- IEC 62722-1 (2016)
- IEC 62722-2-1 (2016)
- Directiva 2014/30/EU
- Directiva 2014/35/EU
- Directiva 2009/125/EC
- Directiva 2012/19/EU
- Directiva 2003/108/EC
- Directiva RoHS 2011/65/EU (RoHS 2)
- R.D. 1890/2008, 14 Noiembrie
- R.D. 154/1.995, 3 Februarie
- R.D. 842/2002, 2 August

SCHRÉDER ROMANIA S.R.L.

Director General,

Alexandru SIRCA

Eliberat,

Ianuarie 2020, Cluj-Napoca

Schröder România s.r.l.

Str. Corneliu Coposu, nr.167A | 400228 Cluj-Napoca Romania | T +40 364 560 670 | F +40 364 560 671 | www.schröder.com

TVA RO 11210601 | J12/1759/1998 | IBAN RO77 FTSB 6448 0000 3700 1RON | BIC FTSBROBU



SGS

CEBEC

Organismul de certificare ENEC inregistrat sub ID # 02. Valabilitatea ENEC+licente ENEC pot fi verificate pe www.enec.com

LICENTA

Pentru folosirea ENEC+Marca inregistrata

ENEC + Licenta Nr :20890

(inlocuieste nr. 20789)

In conditiile prevazute de directiva "Reguli privind folosirea marcii inregistrate CEBEC" completata de ENEC +Acordul in temeiul contractului 1173/2, licenta de a folosi ENEC +marca inregistrata cu sufixul 02, dupa cum se arata mai jos, a fost eliberata catre:

Schreder S.A.

Strada Lusambo, nr 67

BRUXELLES, 1190 , BELGIA

Pentru produsul : Aparate de iluminat cai de circulatie, stradal

Nume de inregistrare : SCHREDER

Tipul modelului : AMPERA MINI, AMPERA MIDI AMPERA MAXI

In conformitate cu EPRS pentru performanta : EPRS 003:2014

In baza rezultatelor testelor: Nr P1538-XPG2-022017, P1537-XPG2-022017, P1536-XPG2-022017, P1536-OSLON-122017, P1537-OSLON-122017, P1538-OSLON-122017

Aceasta Licenta este conditionata de valabilitatea Licentei ENEC nr : 20892

Data : 12.07.2018

Semnatura indescifrabila

Nume Calogero LANA

Director certificare

SGS Belgium NV-Division SGS CEBEC, Business Riverside Park, Avenue Internationale laan 55,
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