ETICS-CoA-002-2018

ETICS *European Testing Inspection and Certification System*

CERTIFICATE OF ACCEPTANCE

Digitally signed by Galciuc Igor
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SGS Belgium N.V. - Division SGS CEBEC
Bld. Internationalelaan, 55/D, Brussels Belgium

has been assessed and determined to fully comply with the requirements of EN-ISO/IEC 17065, PD ECS 050 and the Rules of Procedure relevant to the European Schemes for which the responsible CB is member.

SGS Belgium N.V. – Division SGS CEBEC

is therefore entitled to operate as Certification Body within the European Schemes ENEC, ENEC+, CCA, CCA EMC, HAR and KMK for the Scope (Product Category(ies) and Standard(s)) as listed in the relevant part of the ETICS Web Site at www.etics.org.

This certificate remains valid until 15th January 2021, at which time it will be reissued by the ETICS Secretary General upon successful completion of the normally scheduled 3-year Reassessment Programme administered by the ETICS.

Brussels, 15 January 2018

Giancarlo Zappa

Giancarlo Zappa, Secretary General

Annexe au certificat d'accréditation
Bijlage bij accreditatie-certificaat
Annex to the accreditation certificate
Beilage zur Akkreditatierungszertifikat

226-TEST

EN ISO/IEC 17025:2005

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Nicole Meurée-Vanlaethem

La Présidente du Bureau d'Accréditation

Voorzitster van het Accreditatiebureau

Chair of the Accreditation Board

Vorsitzende des Akkreditierungsbüro

L'accréditation est délivrée à/ De accreditatie werd uitgereikt aan/
The accreditation is granted to/ Die akkreditierung wurde erteilt für:

LABORATOIRE DE PHOTOMETRIE DE R-TECH
Rue de Mons, 3
4000 LIEGE

Code essai ***Test Code***	**Echantillons** ***Samples***	**Caractéristique mesurée** **Gamme de mesure** ***Measurement*** ***Measurement range***	**Description méthode d'essai** **Equipement** ***Testing Methodology Description*** ***Equipment***
PTP-01	Lampes à incandescence ou à décharge pour luminaires. *Incandescent or high intensity discharge lamp for luminaires.*	Flux lumineux exprimé en lumen (lm) *Luminous flux in lumen (lm)*	Mesure du flux lumineux en sphère d'Ulbricht selon la norme de référence EN 13032-1§ 6.1.2. Pour toutes lampes sauf les LED (Solid State Lighting) *Luminous flux measurement with Ulbright's sphere according to EN 13032 § 6.1.2 Standard for all light sources exept LED (Solid State Lighting)*
PTP-01	Sources lumineuses de type LED pour luminaires. *Led light source for luminaires.*	Flux lumineux exprimé en lumen (lm) *Luminous flux in lumen (lm)*	Mesure du flux lumineux en sphère d'Ulbricht selon la norme de référence EN 13032-1§ 6.1.2, EN 13032-4, CIE S 025/E et IES LM79-08. Pour LEDS (Solid State Lighting) *Luminous flux measurement with Ulbright's sphere according to EN 13032-1§ 6.1.2, EN 13032-4, CIE S 025/E et IES LM79-08 Standard. For LED (Solid State Lighting)*
PTP-02	Luminaires pour lampes à incandescence ou à décharge *Luminaires for incandescent, HID lamp*	Distribution des intensités lumineuses exprimées en candela (cd) *Light distribution in candela (cd)*	Relevé photométrique au goniophotomètre selon la norme de référence EN 13032-1 et CIE 121-1996 Pour toutes lampes sauf les LED (Solid State Lighting) *Light distribution measurement with gonio according to EN 13032-1 and CIE 121-1996 Standard for all light sources exept LED (Solid State Lighting)*

Code essai ***Test Code***	**Echantillons** ***Samples***	**Caractéristique mesurée** **Gamme de mesure** ***Measurement*** ***Measurement range***	**Description méthode d'essai** **Equipement** ***Testing Methodology Description*** ***Equipment***
PTP-02	Luminaires à sources lumineuses de type LED pour luminaires. *Luminaires for LED light sources.*	Distribution des intensités lumineuses exprimées en candela (cd) *Light distribution in candela (cd)*	Relevé photométrique au goniophotomètre selon la norme de référence EN 13032-1, EN 13032-4, CIE S 025/E, CIE 121-1996 et IES LM79-08 Pour les LED (Solid State Lighting) *Light distribution measurement with gonio according to EN 13032-1, EN 13032-4, CIE S 025/E, CIE 121-1996 et IES LM79-08 Standard. For LED (Solid State Lighting)*
PTP-09	Lampes à incandescence ou à décharge pour luminaires ou luminaires associés. *Incandescent or high intensity discharge lamp for luminaires or associated luminaires.*	Données colorimétriques : IRC, T° de couleur, coordonées trichromatiques, données spéctrales (domaine du visible) *Colorimetric values, CRI, CCT, tristimulus values, spectrum (visible range)*	Relevé colorimétrique en sphère via spectromètre selon la norme de référence EN 13032-1 et CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) Pour équipements lumineux sauf ceux incluant des LED (Solid State Lighting) *Colorimetric measurement with spectrometric sphere to EN 13032-1 and CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) Standard for all light equipement exept LED (Solid State Lighting)*
PTP-09	Sources lumineuses de type LED pour luminaires ou luminaires associés. *Led light source for luminaires or associated luminaires.*	Données colorimétriques : IRC, T° de couleur, coordonées trichromatiques, données spéctrales (domaine du visible) *Colorimetric values, CRI, CCT, tristimulus values, spectrum (visible range)*	Relevé colorimétrique en sphère et spectromètre selon la norme de référence EN 13032-1, EN 13032-4, CIE S 025/E et CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) et IES LM79-08 pour équipements lumineux à LED (Solid State Lighting) *Colorimetric measurement with spectrometric sphere according to EN 13032-1, EN 13032-4, CIE S 025/E et CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) and IES LM79-08 Standard. For LED light equipement (Solid State Lighting)*

Bijlage bij accreditatie-certificaat
Annexe au certificat d'accréditation
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Beilage zur Akkreditatierungszertifikat

472-TEST

NBN EN ISO/IEC 17025:2005

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Nicole Meurée-Vanlaethem
Voorzitster van het Accreditatiebureau
La Présidente du Bureau d'Accréditation
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

De accreditatie werd uitgereikt aan/ L'accréditation est délivrée à/
The accreditation is granted to/ Die akkreditierung wurde erteilt für:

SGS Belgium NV
Division SGS CEBEC - Laboratory
Internationalelaan - Boulevard International, 55D
1070 BRUSSEL - BRUXELLES

Product/Object	Parameter determined	Reference
Tests on ELECTRICAL Safety		
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50396 Non electrical test methods for low voltage energy cables EXCLTests: Test of resistance to hot particles
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-1 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) - Part 1 : General requirements
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-2-11 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) - Part 2-11: Cables for general applications - Flexible cables with thermoplastic PVC insulation
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-2-21 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) - Part 2-21 : Cables for general applications - Flexible cables with crosslinked elastomeric insulation.
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-2-31 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) - Part 2-31 : Cables for general applications - Single core non-sheathed cables with thermoplastic PVC insulation
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-2-42 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) - Part 2-42 : Cables for general applications - Single core non-sheathed cables with crosslinked EVA insulation

Product/Object	Parameter determined	Reference
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-2-82 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (Uo/U) - Part 2-82 : Cables for general applications - Cables with crosslinked elastomeric insulation for decorative chains
Electical Cables	Tests electrical safety as detailed in the standard	NBN EN 50525-3-31 Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V Part 3-31 : Cables with special fire performance - Single core non-sheathed cables with halogen-free thermoplastic insulation, and low emission
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60227-2 Polyvinylchoride insulated of rated volatages up to and including 450/750V - Part 2 Test methods
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60227-3 Polyvinylchoride insulated of rated volatages up to and including 450/750V - Non sheathed cables for fixed wiring
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60227-4 Polyvinylchoride insulated of rated volatages up to and including 450/750V - Sheathed cables for fixed wiring
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60227-5 Polyvinylchoride insulated of rated volatages up to and including 450/750V - Flexible cables (cords)
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60245-2 Rubber insulated cables - Rated voltages up to and including 450/750 V – Part 2:Test methods
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60245-4 Rubber insulated cables - Rated voltages up to and including 450/750 V - Cords and flexible cables
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60245-6 Rubber insulated cables - Rated voltages up to and including 450/750 V - Arc welding electrode cables
Electical Cables	Tests electrical safety as detailed in the standard	IEC 60245-8 Rubber insulated cables - Rated voltages up to and including 450/750 V - Cords for applications requiring high flexibility

Product/Object	Parameter determined	Reference
Electromechanical contactors for household and similar purposes	Tests electrical safety as detailed in the standard	IEC NBN EN 61095 Electromechanical contactors for household and similar purposes Only § 9.2.4; 9.2.2.2 To 9.2.2.6; 9.2.6; 9.2.7
Household and similar electrical appliances. - General requirements.	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-1 Household and similar electrical appliances. - General requirements EXCLTests: Abnormal operation; Oxygembomb; Annex F
Household and similar electrical appliances - Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2009,IDT)	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-2 Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2:2009,IDT)
Household and similar electrical appliances - Electric irons	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-3 Household and similar electrical appliances - Electric irons
Household and similar electrical appliances – Cooking ranges, hobs, ovens and similar	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-6 Household and similar electrical appliances – Cooking ranges, hobs, ovens and similar
Household and similar electrical appliances – Shavers, hair clippers	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-8 Household and similar electrical appliances – Shavers, hair clippers
Household and similar electrical appliances – Grills, toasters and similar appliances	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-9 Household and similar electrical appliances – Grills, toasters and similar appliances

Product/Object	Parameter determined	Reference
Household and similar electrical appliances - Particular requirements for warming plates and similar appliances.	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-12 Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances.
Household and similar electrical appliances. Deep fat fryers, frying pans, and similar appliances	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-13 Household and similar electrical appliances. Deep fat fryers, frying pans, and similar appliances
Household and similar electrical appliances - Kitchen machines	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-14 Household and similar electrical appliances - Kitchen machines
Household and similar electrical appliances - Appliances for heating liquids	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-15 Household and similar electrical appliances - Appliances for heating liquids
Household and similar electrical appliances - Storage water heaters	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-21 Household and similar electrical appliances - Storage water heaters
Household and similar electrical appliances - Appliances for skin or hair care	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-23 Household and similar electrical appliances - Appliances for skin or hair care
Household and similar electrical appliances - Battery chargers EXCLTests: Mechanical Strenght. Vibration test	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-29 Household and similar electrical appliances - Battery chargers EXCLTests: Mechanical Strenght. Vibration test

Product/Object	Parameter determined	Reference
Household and similar electrical appliances - Room heaters	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-30 Household and similar electrical appliances - Room heaters
Household and similar electrical appliances - Range hoods EXCLTests: Resistance to heat and fire(Test acc ISO9772)	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-31 Household and similar electrical appliances - Range hoods EXCLTests: Resistance to heat and fire(Test acc ISO9772)
Household and similar electrical appliances - Massage appliances	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-32 Household and similar electrical appliances - Massage appliances
Household and similar electrical appliances - Particular requirements for instantaneous water heaters	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-35 Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters
Household and similar electrical appliances – Commercial el. Ranges ovens and hob elements	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-36 Household and similar electrical appliances – Commercial el. Ranges ovens and hob elements
Household and similar electrical appliances – Commercial electric griddles and griddle grills	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-38 Household and similar electrical appliances – Commercial electric griddles and griddle grills
Household and similar electrical appliances – Commercial electric forced convection ovens, steam cookers and steam-convection ovens	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-42 Household and similar electrical appliances – Commercial electric forced convection ovens, steam cookers and steam-convection ovens

Product/Object	Parameter determined	Reference
Household and similar electrical appliances – Clothes dryers and towel rails	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-43 Household and similar electrical appliances – Clothes dryers and towel rails
Household and similar electrical appliances – Commercial Electric grills and toasters EXCLTests: Resistance to heat and fire (Test acc ISO9772)	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-48 Household and similar electrical appliances – Commercial Electric grills and toasters EXCLTests: Resistance to heat and fire (Test acc ISO9772)
Household and similar electrical appliances – Commercial Electric bains-marie	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-50 Household and similar electrical appliances – Commercial Electric bains-marie
Household and similar electrical appliances – Whirlpool baths	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-60 Household and similar electrical appliances – Whirlpool baths
Household and similar electrical appliances - Particular requirements for commercial dispensing appliances and vending machines	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-75 Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines
Household and similar electrical appliances – Fans	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-80 Household and similar electrical appliances – Fans

Product/Object	Parameter determined	Reference
Household and similar electrical appliances – Commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-89 Household and similar electrical appliances – Commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor EXCLTests: Construction. Test for flamable refrigerants(IEC60079-15)
Household and similar electrical appliances.- Gas, oil and solid-fuel burning appliances having electrical connections	Tests electrical safety as detailed in the standard	IEC NBN EN 60335-2-102 Household and similar electrical appliances.- Gas, oil and solid-fuel burning appliances having electrical connections
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations -	Tests electrical safety as detailed in the standard	IEC NBN EN 60670-1 Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 1: General requirements EXCL. § 21
Switches for household and similar fixed-electrical installations - General requirements	Tests electrical safety as detailed in the standard	IEC NBN EN 60669-1 Switches for household and similar fixed-electrical installations - Part 1: General requirements EXCLTests: Inspection and chemical tests on metals of current carrying parts. EXCL.§ 18; 19; 26
Switches for household and similar fixed electrical installations - Electronic switches	Tests electrical safety as detailed in the standard	NBN EN 60669-2-1 Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches EXCLTests: § 26.1.1;26.1.2;26.1.3; 26.1.4; 26.1.5; 18.102;13.103; 101;102

Product/Object	Parameter determined	Reference
Switches for household and similar fixed electrical installations - Electromagnetic remote-control switches (RCS)	Tests electrical safety as detailed in the standard	IEC NBN EN 60669-2-2 Switches for household and similar fixed electrical installations - Part 2: Particular requirements -- Section 2: Electromagnetic remote-control switches (RSC) EXCLTests: § 26 ; 101; 102; 13.103; 18.102
Switches for household and similar fixed electrical installations - Time delay switches (TDS)	Tests electrical safety as detailed in the standard	IEC NBN EN 60669-2-3 Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time delay switches (TDS) EXCLTests: § 26 ; 101; 102; 13.103; 18.102
Switches for household and similar fixed electrical installations - Isolating switches	Tests electrical safety as detailed in the standard	IEC NBN EN 60669-2-4 Switches for household and similar fixed electrical installations - Part 2-4: Particular requirements - Isolating switches EXCLTests: § 17; 18; 19; 26 ; 16.101; 18.101; 22.5 to 22.7
Plugs and socket-outlets for household and similar purposes -	Tests electrical safety as detailed in the standard	IEC NBN EN 60884-1 Plugs and socket-outlets for household and similar purposes - Part 1: General requirements . EXCL. § 11.5; 12.2; 14.23.1; 20; 21
Coduit systems for cable management - Part 1:General requirments	Tests electrical safety as detailed in the standard	NBN EN 61386-1 Coduit systems for cable management - Part 1:General requirments
Coduit systems for cable management - Part 21:Particular requirments - Rigid conduit systems	Tests electrical safety as detailed in the standard	NBN EN 61386-21 Coduit systems for cable management - Part 21:Particular requirments - Rigid conduit systems
Coduit systems for cable management - Part 22:Particular requirments - Pliable conduit systems	Tests electrical safety as detailed in the standard	NBN EN 61386-22 Coduit systems for cable management - Part 22:Particular requirments - Pliable conduit systems

Product/Object	Parameter determined	Reference
Luminaires – General requirements and tests	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-1 Luminaires – Part 1: General requirements and tests EXCLTests: Protective measure against UV radiation; Rough service luminaires (Vibration test)
Luminaires - Fixed general purpose luminaires	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-1 Luminaires - Part 2: Particular requirements Section 1: Fixed general purpose luminaires
Luminaires - Recessed luminaires	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-2 Luminaires - Part 2 - Particular requirements Section 2: Recessed luminaires
Luminaires - Luminaires for road and street lighting	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-3 Luminaires - Part 2 - Particular requirements Section 3: Luminaires for road and street lighting
Luminaires - Portable general purpose luminaires	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-4 Luminaires - Part 2 - Particular requirements Section 4: Portable general purpose luminaires
Luminaires - Floodlights	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-5 Luminaires - Part 2 - Particular requirements Section 5: Floodlights
Luminaires - Luminaires with built-in transformers for filament lamps	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-6 Luminaires - Part 2: Particular requirements Section 6: Luminaires with built-in transformers for filament lamps
Luminaires – Portable luminaires for garden use	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-7 Luminaires – Part 2 – Particular requirements Section 7: Portable luminaires for garden use
Luminaires - Portable luminaires for children	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-10 Luminaires - Part 2 - Particular requirements Section 10: Portable luminaires for children EXCLTests: Burning berhavior for pile surface or textile surface
Luminaires - Aquarium luminaires	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-11 Luminaires - Part 2: Particular requirements Section 11: Aquarium luminaires

Product/Object	Parameter determined	Reference
Luminaires - Mains socket-outlet mounted nightlights	Tests electrical safety as detailed in the standard	NBN EN 60598-2-12 Luminaires - Part 2 - Particular requirements Section 12: Mains socket-outlet mounted nightlights
Luminaires - Ground recessed luminaires	Tests electrical safety as detailed in the standard	NBN EN 60598-2-13 Luminaires - Part 2 - Particular requirements Section 13: Ground recessed luminaires
Luminaires - Lighting chains	Tests electrical safety as detailed in the standard	IEC NBN EN 60598-2-20 Luminaires - Part 2 - Particular requirements Section 20: Lighting chains
Lamp controlgear - General and safety requirements	Tests electrical safety as detailed in the standard	61347-1 Lamp controlgear - Part 1: General and safety requirements
Lamp controlgear - Particular requirements for miscellaneous electronic circuits used with luminaires	Tests electrical safety as detailed in the standard	61347-2-11 Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
Lamp controlgear - Particular requirements for d.c. Or a.c. Supplied electronic controlgear for LED modules	Tests electrical safety as detailed in the standard	61347-2-13 Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	Tests electrical safety as detailed in the standard	NBN EN UL CSA 61010-1 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
Medical electrical equipment - General requirements for basic and essential performance	Tests electrical safety as detailed in the standard	IEC NBN EN 60601-1 CAN/CSA C22.2 N°60601-1 ANSI/AAMI ES 60601-1 Medical electrical equipment - Part 1: General requirements for basic and essential performance EXCLTests: § 25; 29; 36; 44

Product/Object	Parameter determined	Reference
Medical electrical equipment - Safety requirements for medical electrical systems	Tests electrical safety as detailed in the standard	IEC NBN EN 60601-1-1 Medical electrical equipment - Part 1-1:General requirements for safety - Collateral standard: Safety requirements for medical electrical systems
Medical electrical equipment - Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment	Tests electrical safety as detailed in the standard	IEC NBN EN 60601-2-22 Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment
Medical electrical equipment - Particular requirements for the basic safety and essential performance of electrocardiographs	Tests electrical safety as detailed in the standard	NBN EN 60601-2-25 Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs
Medical Electrical Equipment Particular Requirements for the basic safety and essential performance of electroencephalographs	Tests electrical safety as detailed in the standard	IEC NBN EN 60601-2-26 Medical Electrical Equipment Part 2-26: Particular Requirements for the basic safety and essential performance of electroencephalographs
Medical electrical equipment - Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment	Tests electrical safety as detailed in the standard	IEC NBN EN 60601-2-27 Medical electrical equipment - Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment

Product/Object	Parameter determined	Reference
Safety of information technology eqipment	Tests electrical safety as detailed in the standard	IEC NBN EN 60950 Safety of information technology eqipment EXCLTests: § 2.10.6.6; 4.3.12; 4.3.13; 4.7.3; 4.2.8; 7
Information technology equipment - Safety - Part 1: General requirements	Tests electrical safety as detailed in the standard	IEC NBN EN UL CAN/CSA C22.2 60950-1 Information technology equipment - Safety - Part 1: General requirements EXCLTests: 4.2.8; 4.3.12; 4.3.13; 4.6.2; Materials, tests see Annex A
Uninterruptible power systems (UPS) - General and safety requirements for UPS	Tests electrical safety as detailed in the standard	IEC 62040-1 Uninterruptible power systems (UPS) - Part 1: General and safety requirements for UPS
Uninterruptible power systems (UPS) - General and safety requirements for UPS used in operator access areas	Tests electrical safety as detailed in the standard	IEC NBN EN 62040-1-1 Uninterruptible power systems (UPS) - Part 1-1: General and safety requirements for UPS used in operator access areas
Uninterruptible power systems (UPS) - General and safety requirements for UPS used in restricted access locations	Tests electrical safety as detailed in the standard	IEC NBN EN 62040-1-2 Uninterruptible power systems (UPS) - Part 1-2: General and safety requirements for UPS used in restricted access locations
Low-voltage switchgear and controlgear assemblies - General rules	Tests electrical safety as detailed in the standard	IEC NBN EN 61439-1 Low-voltage switchgear and controlgear assemblies - Part 1: General rules Only Clauses § 8.2.1; 8.2.2; 8.2.3; 8.3.1; 8.3;2; 8.3.3; 8.4

Product/Object	Parameter determined	Reference
Low-voltage switchgear and controlgear assemblies - Power switchgear and controlgear assemblies	Tests electrical safety as detailed in the standard	IEC NBN EN 61439-2 Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies Only Clauses § 8
Low-voltage switchgear and controlgear assemblies - Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use - Distribution boards	Tests electrical safety as detailed in the standard	IEC NBN EN 61439-3 Low-voltage switchgear and controlgear assemblies - Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use - Only § 8
Safety of power transformers, power supplies, reactors and similar products - General requirements and tests	Tests electrical safety as detailed in the standard	IEC NBN EN 61558-1 Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests
Safety of power transformers, power supply units and similar - Particular requirements for seperating transformers for general use	Tests electrical safety as detailed in the standard	NBN EN 61558-2-1 Safety of power transformers, power supply units and similar - Part 2.1: Particular requirements for seperating transformers for general use

Product/Object	Parameter determined	Reference
Safety of power transformers, power supply units and similar - Particular requirements and tests for control transformers and power supplies incorporating control transformers.	Tests electrical safety as detailed in the standard	NBN EN 61558-2-2 Safety of power transformers, power supply units and similar - Part 2.2: Particular requirements and tests for control transformers and power supplies incorporating control transformers.
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers	Tests electrical safety as detailed in the standard	IEC NBN EN 61558-2-4 Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transf
Safety of power transformers, power supply units and similar - Particular requirements for shaver transformers and shaver supply units.	Tests electrical safety as detailed in the standard	NBN EN 61558-2-5 Safety of power transformers, power supply units and similar - Part 2.5: Particular requirements for shaver transformers and shaver supply units.

Product/Object	Parameter determined	Reference
Safgety of power transformers, power supply units and similar - Particular requirments for safety isolating transformers for general use	Tests electrical safety as detailed in the standard	IEC NBN EN 61558-2-6 Safgety of power transformers, power supply units and similar - Part 2 Particular requirments for safety isolating transformers for general use
Safety of power transformers, power supply units and similar devices - Particular requirements for auto-transformers for general use.	Tests electrical safety as detailed in the standard	NBN EN 61558-2-13 Safety of power transformers, power supply units and similar devices - Part 2-13: Particular requirements for auto-transformers for general use.
Safety of transformers, reactors, power supply units and similar products for voltages up to 1 100 V - Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units	Tests electrical safety as detailed in the standard	IEC 61558-2-16 Safety of transformers, reactors, power supply units and similar products for voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units
Safety of power transformers, power supply units and similar -	Tests electrical safety as detailed in the standard	NBN EN 61558-2-17 Safety of power transformers, power supply units and similar - Part 2.17:
Electical Cables	Tests electrical safety as detailed in the standard	IEC NBN EN UL CSA 60065 Audio, video and similar electronic apparatus - Safety requirements EXCLTests: Annex A: 8.18; 7; 6.1

	Product/Object	Parameter determined	Reference
	GENERIC Tests		
G60525/W	All, except power cables and cords	Resistance to harmful ingress of water (IPx1-IPx8) Degree protection against water// max. LenghtXHeightXWidth : IPX1&2 1mx1mx1m ; IPX3&4 1mx1mx1m ; IPX5&6 2mx1,5mx2m ; IPX7&8 Diam 0,5Mx1,3mlenght	IEC / EN / NBN EN 60529
G60525/FO	All, except power cables and cords	Degree of protection against access to hazardous parts and against solid foreign objects (IP1x- IP6x) Degree protection // max. LenghtXDiam : IP5X&6x 1,2mx07m	IEC / EN / NBN EN 60529
G60695.11.5	All, except power cables and cords and Electrical equipt for medical use	Fire hazard testing; Needle Flame	IEC / EN / NBN EN 60695-11-5
G60695.11.4	Household, Electrical equipt for medical use, UPS, IT & office equipment, Measuring instruments, Electronic appliances	Fire hazard testing. Test flames - 50W	IEC / EN / NBN EN 60695-11-10
G60695.11.3	IT & office equipment	Fire hazard testing. Test flames - 500W	IEC / EN / NBN EN 60695-11-20
G60695.11.2	Power cables and cords	Fire hazard testing. Test flames - 1000W	IEC / EN / NBN EN 60695-2-4
G60695.2.10	All, except power cables and cords and equipt for medical use.	Fires hazard testing. Glow wire	IEC / EN / NBN EN 60695-2-10
G60695.10.2	All, except power cables and cords	Fire hazard testing; Ball pressure testing	IEC / EN / NBN EN 60695-10-2
G62262	All, except power cables and cords	Impact test (Code IK01 to IK10)	IEC / EN / NBN EN 62262

DAkkS
Deutsche
Akkreditierungsstelle

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV
Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation

The Deutsche Akkreditierungsstelle GmbH attests that the certification body

DEKRA Certification GmbH
Handwerkstraße 15, 70565 Stuttgart

is competent under the terms of DIN EN ISO/IEC 17021:2011 to carry out certifications of management systems in the following fields:

- **DIN EN ISO 14001:2009 Environmental Management Systems**
- **DIN EN ISO 9001:2008 Quality Management Systems**
- **Management requirements of the BGW for occupational health and safety (MAAS-BGW), Version 04/2013 – based on DIN EN ISO 9001:2008**
- **DIN EN ISO 50001:2011 Energy Management Systems (EnMS)**
- **DIN EN ISO 22000:2005 Certification of Food Safety Management Systems according to ISO/TS 22003:2007**
- **FSSC 22000 Certification scheme for food safety systems**
- **DIN ISO/IEC 27001:2013 Information technology - Security techniques - Information security management systems according to ISO/IEC 27006:2011**
- **BS OHSAS 18001:2007 Occupational Health and Safety Management Systems**
- **Normative SCC-Regelwerk: Version 2011 DGMK e.V. SHE-/SCC-Management Systems**
- **DIN ISO 29990:2010 Learning services for non-formal education and training – Basic requirements for service providers**

The accreditation certificate shall only apply in connection with the notice of accreditation of 18.12.2014 with the accreditation number D-ZM-16029-01 and is valid until 17.12.2019. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 8 pages.

Registration number of the certificate: **D-ZM-16029-01-01**

Frankfurt am Main, 18.12.2014

Peter Hissnauer
Head of Division

This document is a translation. The definitive version is the original German accreditation certificate.
See notes overleaf.

DAkkS Deutsche Akkreditierungsstelle

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-ZM-16029-01-01 according to DIN EN ISO/IEC 17021:2011

Period of validity: 18.12.2014 to 17.12.2019 Date of issue: 18.12.2014

Holder of certificate:

DEKRA Certification GmbH
Handwerkstraße 15, 70565 Stuttgart

Certifications of management systems in the fields:

DIN EN ISO 14001:2009 Environmental Management Systems

With the Branch Offices:

Cerdany 44
ES-08820 El Prat de Llobregat
Spain

265 West Street
Tuinhof Office Park, Karee Building
ZA-0157 Centurion
South Africa

Str. Constantin Brancusi Nr. 131
RO-400458 Cluj-Napoca
Romania

Via Fratelli Gracchi 27 – Torre Sud
IT-20092 Cinisello Balsamo (MI)
Italy

Türkova 1001/9
CZ-149 00 Praha 4
Czech Republic

Plac Solny 20
PL-50-063 Wroclaw
Poland

Pannonhalmi út 14
HU-1118 Budapest
Hungary

Floor 14, International Sunyard
No. 1750 Jianghong Avenue
Binjiang District
310052 Hangzhou
China

Certification of management systems in the following fields:

DIN EN ISO 14001:2009 Environmental Management Systems

IAF/EA – Scope	Description of economic sectors
2	Mining and quarrying
3	Food products, beverages and tobacco
4	Textiles and textile products
6	Wood and wood products
7	Pulp, paper and paper products
8	Publishing companies
9	Printing companies
12	Chemical, chemical products and fibres
13	Pharmaceuticals
14	Rubber and plastic products
15	Non-metallic mineral products
16	Concrete, cement, lime, plaster, etc.
17/1	Basic metals
17/2	Fabricated metal products
18	Machinery and equipment
19	Electrical and optical equipment
22	Other transport equipment
23	Manufacturing of products not elsewhere classified
24	Recycling
25	Electricity supply
26	Gas supply
	Description of economic sectors

IAF/EA – Scope	Description of economic sectors
27	Water supply
28	Construction
29/1	Wholesale and retail trade
29/2	Repair of motor vehicles, motorcycles and personal and household goods
30	Hotels and restaurants
31/1	Transport, storage and logistics
31/2	Communication
32	Financial intermediation, real estate, renting of equipment
33	Information technology
34	Research institutes; engineering and architect offices
35	Other services
36	Public administration
37	Education
38/1	Health / veterinarian
38/2	Social work
39	Other social services

Certification of management systems in the following fields:

DIN EN ISO 9001:2008 Quality Management Systems

With the branch offices:

Cerdany 44
ES-08820 El Prat de Llobregat
Spain

265 West Street
Tuinhof Office Park, Karee Building
ZA-0157 Centurion
South Africa

Str. Constantin Brancusi Nr. 131
RO-400458 Cluj-Napoca
Romania

Via Fratelli Gracchi 27 – Torre Sud
IT-20092 Cinisello Balsamo (MI)
Italy

Türkova 1001/9
CZ-149 00 Praha 4
Czech Republic

Plac Solny 20
PL-50-063 Wroclaw
Poland

Pannonhalmi út 14
HU-1118 Budapest
Ungarn

Floor 14, International Sunyard
No. 1750 Jianghong Avenue
Binjiang District
310052 Hangzhou
China

DIN EN ISO 9001:2008 Quality Management Systems

IAF/EA – Scope	Description of economic sectors
1	Agriculture, forestry and fishing
2	Mining and quarrying
3	Food products, beverages and tobacco
4	Textiles and textile products
5	Leather and leather products
6	Wood and wood products
7	Pulp, paper and paper products
8	Publishing companies
9	Printing companies
12	Chemical, chemical products and fibres
13	Pharmaceuticals
14	Rubber and plastic products
15	Non-metallic mineral products
16	Concrete, cement, lime, plaster, etc.
17	Basic metals and fabricated metal products
18	Machinery and equipment
19	Electrical and optical equipment
21	Aerospace
22	Other transport equipment
23	Manufacturing of products not elsewhere classified
24	Recycling
25	Electricity supply
26	Gas supply
27	Water supply
28	Construction
29/1	Wholesale and retail trade
29/2	Repair of motor vehicles, motorcycles and personal and household goods
30	Hotels and restaurants
31/1	Transport, storage and logistics
31/2	Communication
32/1	Financial intermediation, real estate
32/2	Renting of equipment
33	Information technology
34/1	Research institutes
34/2	Engineering and architect offices

IAF/EA – Scope	Description of economic sectors
35	Other services
36	Public administration
37	Education
38/1	Health
38/2	Veterinarian
38/3	Social work
39	Other social services

Management requirements of the BGW for occupational health and safety (MAAS-BGW), Version 04/2013 – based on DIN EN ISO 9001:2008

DIN EN ISO 22000:2005 Certification of Food Safety Management Systems according to ISO/TS 22003:2007

DIN/ISO TS 22003 Category	Categories in accordance with Annex A ISO/TS 22003
A	Farming 1 (Animals)
B	Farming 2 (Plants)
C	Processing 1 (Perishable animal products)
D	Processing 2 (Perishable vegetable products)
E	Processing 3 (Products with long shelf life at ambient temperature)
F	Feed production
G	Catering
H	Distribution
I	Services
J	Transport and Storage
K	Equipment manufacturing
L	(Bio-) chemical manufacturing
M	Packaging material manufacturing

FSSC 22000 Certification scheme for food safety systems according to ISO/TS 22003:2007

DIN/ISO TS 22003 Category	Categories in accordance with Annex A ISO/TS 22003
C	Processing 1 (Perishable animal products)
D	Processing 2 (Perishable vegetable products)
E	Processing 3 (Products with long shelf life at ambient temperature)
L	(Bio-) chemical manufacturing
M	Packaging material manufacturing

DIN ISO/IEC 27001:2013 Information technology – Security techniques – Information security management systems according to ISO/IEC 27006:2011

DIN EN ISO 50001:2011 Energy Management Systems (EnMS)

Sector	Description of economic sectors
A	Industrial EnMS (corresponds to EA-Scopes 1 – 28 and 29/2)
B	Non-industrial EnMS (corresponds to EA-Scopes 29/1 – 39)

BS OHSAS 18001:2007 Occupational Health and Safety Management Systems

Normative SCC-Regelwerk: Version 2011 DGMK e.V. SHE-/SCC-Management Systems in folgenden Scopes:

SCC (Contractors / Industrial Enterprises)
SCP (Temporary Employment Agencies)
Safety-, Health- and Environment Protection- SHE/SCC- according to current DGMK e. V. – SCC-scheme

DIN ISO 29990:2010 Learning services for non-formal education and training – Basic requirements for service providers

Abbreviations used:

DIN	Deutsches Institut für Normung e.V.
EA	European co-operation for Accreditation
EN	Europäische Norm
IAF	International Accreditation Forum
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
BS	British Standard
OHSAS	Occupational Health and Safety Assessment Series
SCC	Sicherheits Certifikat Contraktoren
DGMK	Deutsche Wissenschaftliche Gesellschaft für Erdöl, Erdgas und Kohle e. V.

Signatory to EA, ILAC and IAF
Multilateral Agreements

Organisme belge d'Accréditation
Belgische Accreditatie-instelling
Belgian Accreditation Body

Annexe au certificat d'accréditation
Bijlage bij accreditatie-certificaat
Annex to the accreditation certificate
Beilage zur Akkreditatierungszertifikat

226-TEST

NBN EN ISO/IEC 17025:2005

Version/Versie/Version/Fassung	7
Date d'émission / Uitgiftedatum / Issue date / Ausgabedatum:	2016-05-19
Date limite de validité / Geldigheidsdatum / Validity date / Gültigkeitsdatum:	2021-05-27

Nicole Meurée-Vanlaethem
La Présidente du Bureau d'Accréditation
Voorzitster van het Accreditatiebureau
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

L'accréditation est délivrée à/ De accreditatie werd uitgereikt aan/
The accreditation is granted to/ Die akkreditierung wurde erteilt für:

LABORATOIRE DE PHOTOMETRIE DE R-TECH
Rue de Mons, 3
4000 LIEGE

Code essai ***Test Code***	**Echantillons** ***Samples***	**Caractéristique mesurée** **Gamme de mesure** ***Measurement*** ***Measurement range***	**Description méthode d'essai** **Equipement** ***Testing Methodology Description*** ***Equipment***
PTP-01	Lampes à incandescence ou à décharge pour luminaires. *Incandescent or high intensity discharge lamp for luminaires.*	Flux lumineux exprimé en lumen (lm) *Luminous flux in lumen (lm)*	Mesure du flux lumineux en sphère d'Ulbricht selon la norme de référence EN 13032-1§ 6.1.2. Pour toutes lampes sauf les LED (Solid State Lighting) *Luminous flux measurement with Ulbright's sphere according to EN 13032 § 6.1.2 Standard for all light sources exept LED (Solid State Lighting)*
PTP-01	Sources lumineuses de type LED pour luminaires. *Led light source for luminaires.*	Flux lumineux exprimé en lumen (lm) *Luminous flux in lumen (lm)*	Mesure du flux lumineux en sphère d'Ulbricht selon la norme de référence EN 13032-1§ 6.1.2 et IES LM79-08. Pour LEDS (Solid State Lighting) *Luminous flux measurement with Ulbright's sphere according to EN 13032 § 6.1.2 and IES LM79-08 Standard. For LED (Solid State Lighting)*
PTP-02	Luminaires pour lampes à incandescence ou à décharge *Luminaires for incandescent, HID lamp*	Distribution des intensités lumineuses exprimées en candela (cd) *Light distribution in candela (cd)*	Relevé photométrique au goniophotomètre selon la norme de référence EN 13032-1 et CIE 121-1996 Pour toutes lampes sauf les LED (Solid State Lighting) *Light distribution measurement with gonio according to EN 13032-1 and CIE 121-1996 Standard for all light sources exept LED (Solid State Lighting)*
PTP-02	Luminaires à sources lumineuses de type LED pour luminaires. *Luminaires for LED light sources.*	Distribution des intensités lumineuses exprimées en candela (cd) *Light distribution in candela (cd)*	Relevé photométrique au goniophotomètre selon la norme de référence EN 13032-1, CIE 121-1996 et IES LM79-08 Pour les LED (Solid State Lighting) *Light distribution measurement with gonio according to EN 13032-1, CIE 121-1996 and IES LM79-08 Standard. For LED (Solid State Lighting)*

Code essai ***Test Code***	**Echantillons** ***Samples***	**Caractéristique mesurée Gamme de mesure** ***Measurement Measurement range***	**Description méthode d'essai Equipement** ***Testing Methodology Description Equipment***
PTP-09	Lampes à incandescence ou à décharge pour luminaires ou luminaires associés. *Incandescent or high intensity discharge lamp for luminaires or associated luminaires.*	Données colorimétriques : IRC, T° de couleur, coordonées trichromatiques, données spéctrales (domaine du visible) *Colorimetric values, CRI, CCT, tristimulus values, spectrum (visible range)*	Relevé colorimétrique en sphère via spectromètre selon la norme de référence EN 13032-1 et CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) Pour équipements lumineux sauf ceux incluant des LED (Solid State Lighting) *Colorimetric measurement with spectrometric sphere to EN 13032-1 and CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) Standard for all light equipement exept LED (Solid State Lighting)*
PTP-09	Sources lumineuses de type LED pour luminaires ou luminaires associés. *Led light source for luminaires or associated luminaires.*	Données colorimétriques : IRC, T° de couleur, coordonées trichromatiques, données spéctrales (domaine du visible) *Colorimetric values, CRI, CCT, tristimulus values, spectrum (visible range)*	Relevé colorimétrique en sphère et spectromètre selon la norme de référence EN 13032-1 et CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) et IES LM79-08 pour équipements lumineux à LED (Solid State Lighting) *Colorimetric measurement with spectrometric sphere according to EN 13032-1 et CIE 13.3, 15, 63, 121-1996 S014 (1,2 et 3) and IES LM79-08 Standard. For LED light equipement (Solid State Lighting)*

Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

Signatory to EA, ILAC and IAF
Multilateral Agreements

Accreditation Certificate No. 226-TEST

In compliance with the provisions of the Royal Decree of 31 January 2006 setting up BELAC, the Accreditation Board hereby declares, that the test laboratory

LABORATOIRE DE PHOTOMETRIE DE R-TECH
Rue de Mons, 3
4000 LIEGE - Belgium

has the competence to perform the tests as described in the annex which is an integral part of the present certificate, in accordance with the requirements of the standard NBN EN ISO/IEC 17025:2005. The present accreditation is the subject of regular surveillance in order to confirm the compliance with the accreditation conditions.

The Chair of the Accreditation Board BELAC,

Issue date : **2016-05-19**

Validity date : **2021-05-27**

Nicole MEURÉE-VANLAETHEM

Original version of this certificate is in French.

.be

E-6-0040

Certificate of Acceptance

To participate
in the IECEE CB Scheme – IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE)

SGS Belgium N.V. - Division SGS-CEBEC

Business Riverside Park
Avenue Internationalelaan 55 Build. D
BE-1070 BRUSSEL
Belgium

has been assessed and determined to fully comply with the requirements of ISO/IEC 17065: 2012, The Basic Rules, IECEE 01: 2016-10 and Rules of Procedure IECEE 02: 2017-06, and the relevant IECEE CB-Scheme Operational Documents.

SGS Belgium N.V. - Division SGS-CEBEC

is therefore entitled to operate as an Issuing and Recognising National Certification Body (NCB) within the IECEE CB Scheme for the Scope (Product Category(ies) and Standard(s)) as listed in the relevant part of the IECEE Web Site at www.iecee.org, and is subject to all other terms as set forth in the IECEE Basic Rules and Rules of Procedure.

The IECEE membership status of this NCB can be verified on the aforementioned site.

Kerry McManama
IECEE Executive Secretary

Date of Issue: 2017-09-01
CB002

CERTIFICAT

Schréder

ISO 9001:2008

DEKRA Certification GmbH certifică prin aceasta că

Schréder Romania S.R.L.

Domeniul de certificare:

Proiectare luminotehnică şi de sisteme de iluminat; comercializare echipamente electrice de iluminat

Locaţia certificată:

Str. Corneliu Coposu Nr.167A, RO-400228 Cluj-Napoca

a implementat şi menţine un sistem de management al calităţii, conform standardului menţionat mai sus şi aplică acest sistem în mod eficace. Certificatul a fost eliberat în urma parcurgerii auditului de certificare, raport nr. 314R1517.

Certificatul este valabil din: 18.05.2017 până în 19.04.2018

Nr. înregistrare certificat: 50415219

DEKRA Certification GmbH • D-70565 Stuttgart, Handwerkstraße 15 • DEKRA

Lothar Weinhofen
DEKRA Certification GmbH Stuttgart; 18.05.2017

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

DAkkS Deutsche Akkreditierungsstelle D-ZM-16029-01-01

Entwurf
Draft

84460

CERTIFICAT

Schréder

ISO 14001:2004

DEKRA Certification GmbH certifică prin aceasta că

Schréder Romania S.R.L.

Entwurf
Draft

Domeniul de certificare:

Proiectare luminotehnică şi de sisteme de iluminat; comercializare echipamente electrice de iluminat

Locaţia certificată:

Str. Corneliu Coposu Nr.167A, RO-400228 Cluj-Napoca

a implementat şi menţine un sistem de management de mediu, conform standardului menţionat mai sus şi aplică acest sistem în mod eficace. Certificatul a fost eliberat în urma parcurgerii auditului de certificare, raport nr. 314R1517.

Certificatul este valabil dir 18.05.2017 în 19.04.2018

Nr. înregistrare certificat: 170415042

DEKRA Certification GmbH D-70565 Stuttgart, Handwerkstraße 15

Lothar Weinofen
DEKRA Certification GmbH Stuttgart, 18.05.2017

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

DAkkS Deutsche Akkreditierungsstelle D-ZM-16029-01-01

84460

CERTIFICAT

Schréder

BS OHSAS 18001:2007

DEKRA Certification GmbH certifică prin aceasta că

Schréder Romania S.R.L.

Domeniul de certificare:

Proiectare luminotehnică şi de sisteme de iluminat; comercializare echipamente electrice de iluminat

Locaţia certificată:

Str. Corneliu Coposu Nr.167A, RO-400228 Cluj-Napoca

a implementat şi menţine un sistem de management al sănătăţii şi securităţii ocupaţionale, conform standardului mai sus menţionat şi aplică acest sistem în mod eficace. Dovada a fost prezentată în cadrul auditului de certificare prin raportul nr. 314R1517.

Certificatul este valabil din 18.05.2017 până în 19.04.2018

Nr. înregistrare certificat: 270415022

DEKRA Certification GmbH • DEKRA • D-70565 Stuttgart, Handwerkstraße 15

DAkkS Deutsche Akkreditierungsstelle D-ZM-16029-01-01

Lothar Weihofen
DEKRA Certification GmbH Stuttgart, 18.05.2017

Entwurf
Draft

84460

SUPERVISED MANUFACTURER'S TESTING

Report nr. CEBEC-002B

SGS Belgium NV

Division SGS CEBEC

Business Riverside Park
Bld Internationalelaan, 55 Build. D
B-1070 Brussels - Belgium

Acting as national Certification Body participation in the Certification Bodies Scheme (CB Scheme) and the European Certification System (ECS) has recognized the following laboratory as

SMT laboratory nr. CEBEC-002

Operating in the framework of the IECEE CB-scheme and ECS certification system (CCA and ENEC).

Approved laboratory, name and address:

Service Laboratoire
R-TECH S.A.
Rue de Mons, 3
BE-4000 LIEGE

Manufacturing factories:

European Factories
Belonging to the
Schréder Group G.I.E.

Products covered by the contract:

Category	Standards	Products
LITE	IEC/EN 60598-1	Luminaires
	IEC/EN 60598-2-1	Fixed general purpose luminaires
	IEC/EN 60598-2-3	Luminaires for road and street lighting
	IEC/EN 60598-2-5	Floodlights
	IEC/EN 60598-2-13	Ground recessed luminaires

Brussels, 2013-02-01

ir. C. Lana,
Certification Manager

Certificate of Acceptance

To participate
in the IECEE CB Scheme – IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE)

SGS Belgium NV – Division SGS CEBEC

Riverside Business Park
Bld. Internationalelaan 55 Build. B1
BE-1070 Brussels
Belgium

has been assessed and determined to fully comply with the requirements of ISO/IEC 17025: 2005-05, The Basic Rules, IECEE 01: 2016-10 and Rules of Procedure IECEE 02: 2017-06, and the relevant IECEE CB-Scheme Operational Documents.

SGS Belgium NV – Division SGS CEBEC

is therefore entitled to operate as a CB Testing Laboratory (CBTL) under the responsibility of SGS Belgium N.V. - Division SGS-CEBEC as National Certification Body (NCB) and to carry out testing within the IECEE CB Scheme for the Scope (Product Category(ies) and Standard(s)) as listed in the relevant part of the IECEE Web Site at www.iecee.org, and is subject to all other terms as set forth in the IECEE Basic Rules and Rules of Procedure

The IECEE membership status of this CBTL can be verified on the aforementioned site.

Date of Issue 2017-09-01
TL173

Kerry McManama
IECEE Executive Secretary