

bsi

iTUBO - iTETTA SERIES

Wall Effect and Ceiling



SMART LIGHTING TRENDS

BSI® Lighting Technologies follows smart, sustainable and ecologically responsible outdoor lighting principles using new technologies and best practices in lighting design and production.

We provide the most current research and information to our clients on smart lighting solutions based on their performance and real effectiveness.

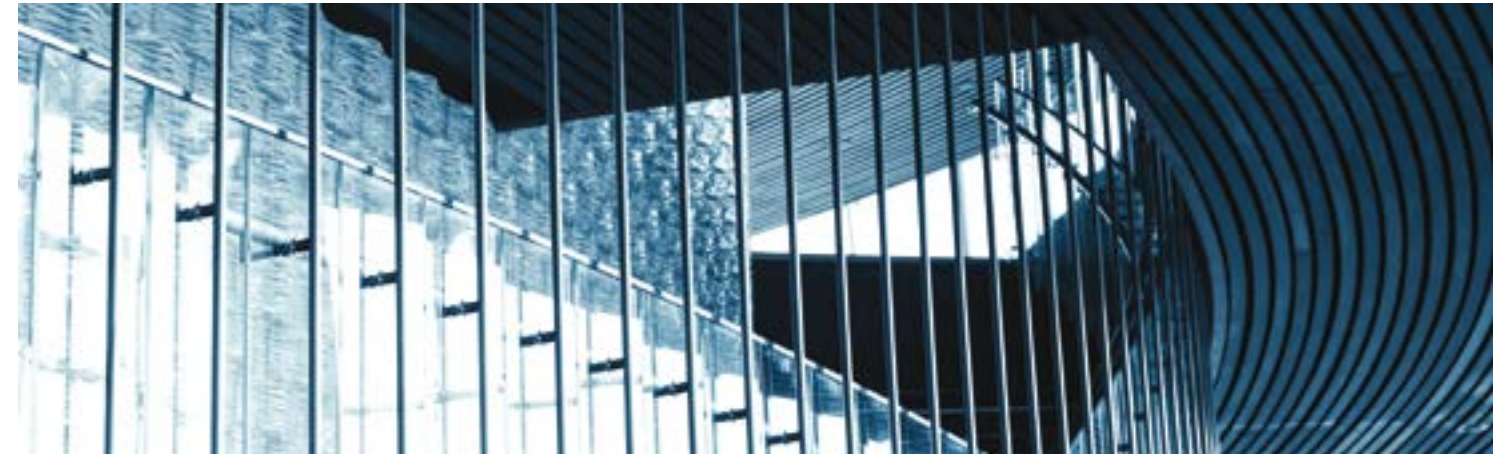


Total lighting solution

BSI® Lighting Technologies lighting luminaires combine high technology and stylish design, from classic to modern, with high-efficiency LED technology.

Our portfolio brings in optimal lighting solutions for architectural, architainment, commercial and public applications. All products from urban, roadway lighting to residential, parking, area, pedestrian, tunnel & underpass, flood, landscape and indoor lighting are specifically designed to provide efficient visual comfort and enjoyment.





wall effect and ceiling lighting

The range inspires architects, designers and system integrators with its exceptional quality, a variety of beam angles and remarkable creativity.

Wall and ceiling system fits in different architectural environments personalizing any context in a clear way.

Light for architecture

To enhance outdoor spaces and architecture with thoughtful, adaptive, multi-layered lighting concepts

Project approach

We advise, we design, we produce and make your technical lighting projects.

Dimension of the architecture

Lighting is not just about illumination, it adds an entirely new dimension to the design.

Digital Era

The latest requirements from practice as specified by architects, lighting designers and electrical contractors consistently flow into our development processes.

Dynamic lighting

BSI® offers tuneable white systems, allowing you to change the character of a space using variable colour temperatures from warm 2700K to cool 6500K.

Right colour

Option of choosing RGBW as an alternative to RGB is available, providing a mix of RGB with cool or warm white colours.

The Company

BSI® Lighting Technologies; designs and manufactures creative lighting solutions for the international architectural lighting market. BSI® offers a wide range of services, from consultation and advice to architects and architectural lighting designers during the initial project design phase to helping to identify and develop technology solutions, customized products or custom-designed, project specific products.

A Commitment to Better Lighting

The Company's core technology, innovative designs and superior customer service enable the next generation of illumination continuing to change the way we light the world.

In-House Research & Development

BSI® Lighting Technologies has extensive experience in designing luminaires for a range of extreme environments. With a growing portfolio of products and an increasingly comprehensive range of services our investment in Research and Technology is very important.

Warranty & Support

BSI® Lighting Technologies offers factory-direct warranty and application support. With BSI® Lighting Technologies standing behind the technology, design and manufacturing of our products, you can feel confident that you have chosen the right partner. If you ever have a question or problem, you can talk to us directly.



Committed to Excellence

The company was created to complement a variety of design styles for urban, public, hospitality, retail and residential spaces. We strive to provide our clients with innovative designs, precision metal work and unique materials. BSI® is committed to energy efficiency in design and the use of renewable and reclaimable resources.

Solid Experience

BSI® Lighting Technologies collaborates with landscape designers, architects, lighting designers and lighting specifiers to develop custom lighting solutions specific to their needs. Having an in-house design staff increases productivity and gives the client all the tools necessary to bring their ideas to life.

Design Focussed

BSI® supports all phases of the design process: from concept, through a collaborative design work-flow, to final realization within the architectural space. We offer 3D CAD modeling, photorealistic renderings and video animations to support each project.

Flexible and Independent

BSI® Lighting Technologies is an independent and flexible supplier whose know-how and knowledge is operating in many industry verticals all over Europe, Asia, Africa and the Middle East. BSI® has the full flexibility and processes to cooperate with its business partners wherever they are located.





iTubo & iTetta Series

Lighting to decorate, personalize and highlight walls and places. The products come in a variety of models and formats to suit a wide range of applications.

The luminaires can be optimally adapted to the specific lighting task by selecting the beam angle, luminous flux and light colour and upgrades the surroundings with their high quality of light and elegant design. Ideal solution for achieving high quality lighting for outdoor areas around buildings, while at the same time attractively showcasing these areas.

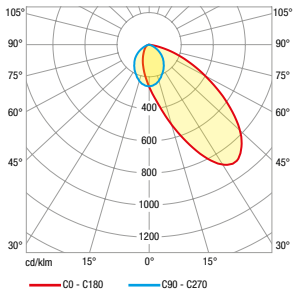
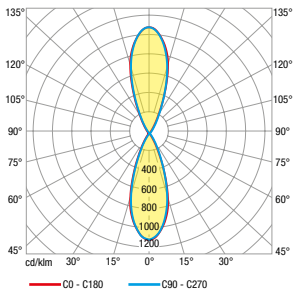
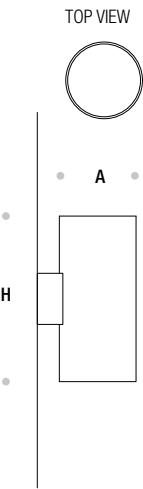
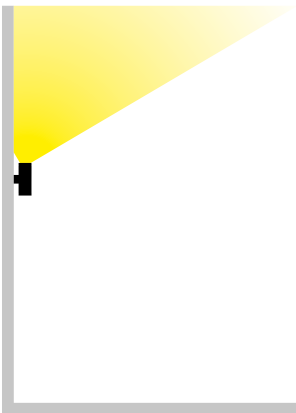
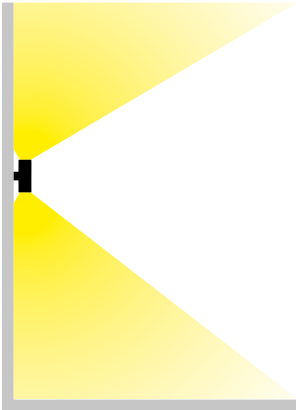
iTubo Wall

The compact wall luminaires sleek - up and down - LED sources, combines brilliant LED light with straightforward design. Oppositely arranged, the two LED sources generate an up-and downwardly directed, various light beams. Manufactured in different sizes. Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
WA4101	1X3W LED	330 / 360	3000K / 4000K	60	100
WA4103	1X9W LED	990 / 1080	3000K / 4000K	90	140
WA4105	1X12W LED	1320 / 1440	3000K / 4000K	120	170
WA4107	1X18W LED	1980 / 2160	3000K / 4000K	150	210
WA4102	2X3W LED	660 / 720	3000K / 4000K	60	170
WA4104	2X9W LED	1980 / 2160	3000K / 4000K	90	210
WA4106	2X12W LED	2640 / 2880	3000K / 4000K	120	250
WA4108	2X18W LED	3960 / 4320	3000K / 4000K	150	280

LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
Nominal Voltage	220V-240V AC, 50/60Hz
Color Rendering Index	CRI> 80 standard and CRI>90 on request.
Optics	One and two sided narrow-medium, asymmetrical beam.
Materials	Corrosion resistant double layer polyester powder coated paint finish aluminium housing (EN AW-6060) with stainless steel screws (A4 grade) and silicone gaskets. Power unit is built in. Available in anthracite gray as a standard finish or any desired RAL colour.
Optional Coating	Marine grade.
Diffuser	Thermal-shock resistant tempered glass.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP66
Impact Resistance	IK10
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.





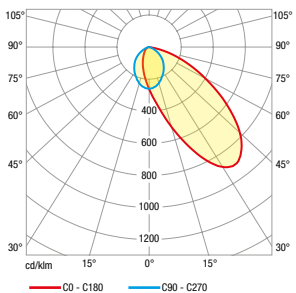
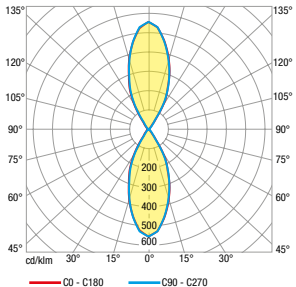
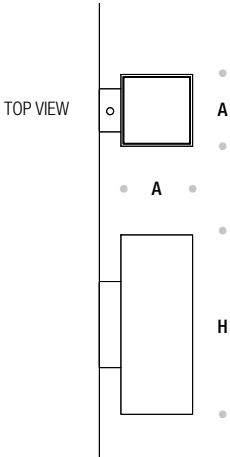
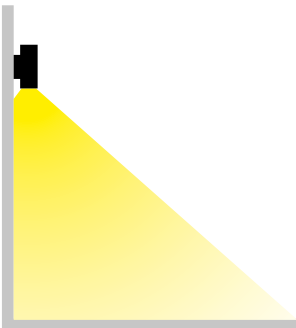
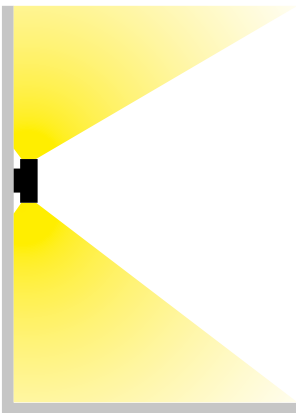
Square shaped - up and down - luminaire combines brilliant LED light with straightforward design. Oppositely arranged, the two LED sources generate an up-and downwardly directed, various light beams. Manufactured in different sizes.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
WA4112	1X6W	660 / 720	3000K / 4000K	100	115
WA4114	1X9W	990 / 1080	3000K / 4000K	100	115
WA4116	1X14W	1540 / 1680	3000K / 4000K	100	115
WA4118	1X24W	2640 / 2880	3000K / 4000K	150	165
WA4120	1X39W	4290 / 4680	3000K / 4000K	150	165
WA4122	1X54W	5940 / 6480	3000K / 4000K	150	165
WA4124	2X6W	1320 / 1440	3000K / 4000K	100	200
WA4126	2X9W	1980 / 2160	3000K / 4000K	100	200
WA4128	2X14W	3080 / 3360	3000K / 4000K	100	200
WA4130	2X24W	5280 / 5760	3000K / 4000K	150	300
WA4132	2X39W	8580 / 9360	3000K / 4000K	150	300
WA4134	2X54W	11880 / 12960	3000K / 4000K	150	300

LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
Nominal Voltage	220V-240V AC, 50/60Hz
Color Rendering Index	CRI> 80 standard and CRI>90 on request.
Optics	One and two sided 8° / 12° / 30° / 45° / 60° / 90° and asymmetrical beam.
Materials	Corrosion resistant double layer polyester powder coated paint finish aluminium housing (EN AW-6060) with stainless steel screws (A4 grade) and silicone gaskets. Power unit is built in. Available in anthracite gray as a standard finish or any desired RAL colour.
Optional Coating	Marine grade.
Diffuser	Thermal-shock resistant tempered glass.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP66
Impact Resistance	IK10
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.



iTubo Ceiling

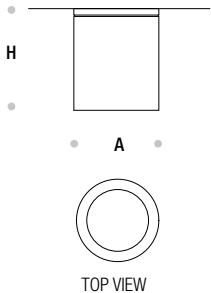
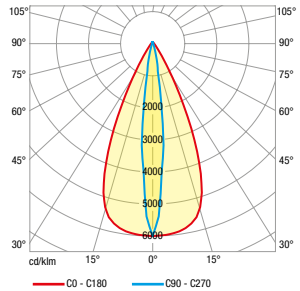
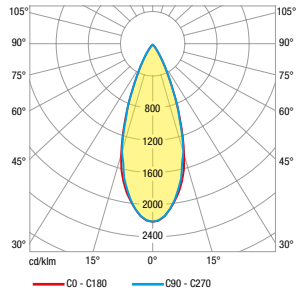
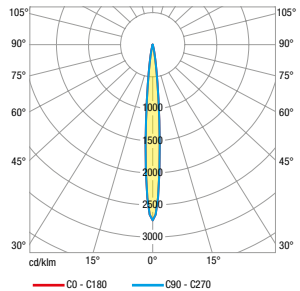
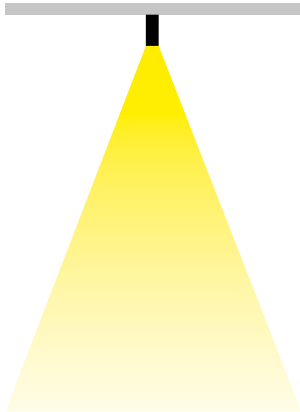
iTubo secures functional down lighting with excellent light output. Manufactured in different sizes.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
IC6221	3W	330 / 360	3000K / 4000K	60	110
IC6222	9W	990 / 1080	3000K / 4000K	90	150
IC6223	12W	1320 / 1440	3000K / 4000K	120	180
IC6224	18W	1980 / 2160	3000K / 4000K	150	220

LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
Nominal Voltage	220V-240V AC, 50/60Hz
Color Rendering Index	CRI> 80 standard and CRI>90 on request.
Optics	Ceiling narrow, medium, wide and elliptical beam.
Materials	Corrosion resistant double layer polyester powder coated paint finish die cast aluminium housing with stainless steel screws (A4 grade) and silicone gaskets. Power unit is built in. Available in anthracite gray as a standard finish or any desired RAL colour.
Optional Coating	Marine grade.
Diffuser	Thermal-shock resistant tempered glass.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	DALI Interface.
Protection Class	IP66
Impact Resistance	IK10
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.



iTetta Ceiling

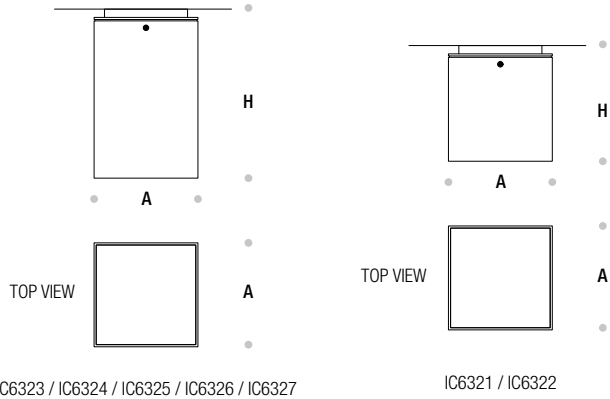
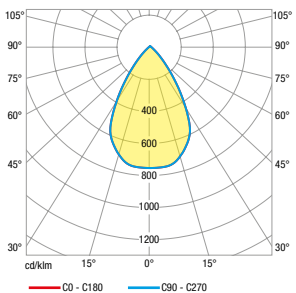
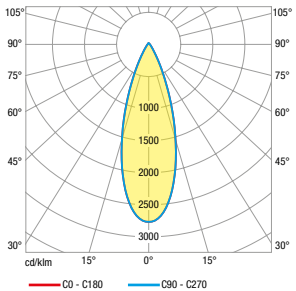
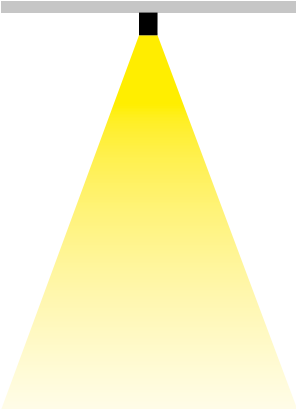
iTetta secures functional down lighting with excellent light output. Manufactured in different sizes.

Designed to last in extremely harsh environments



CODE	POWER CONSUMPTION 350mA	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
IC6321	9W	990 / 1080	3000K / 4000K	100	165
IC6322	12W	1320 / 1440	3000K / 4000K	100	167
IC6323	16W	1760/ 1920	3000K / 4000K	150	167
IC6324	19W	2090 / 2280	3000K / 4000K	150	167
IC6325	27W	2970 / 3240	3000K / 4000K	150	167
IC6326	41W	4510 / 4920	3000K / 4000K	150	167
IC6327	54W	5940 / 6480	3000K / 4000K	150	167

LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
Nominal Voltage	220V-240V AC, 50/60Hz
Color Rendering Index	CRI> 80 standard and CRI>90 on request.
Optics	8° / 12° / 30° / 45° / 60° / 90°
Materials	Corrosion resistant double layer polyester powder coated paint finish die castaluminium housing with stainless steel screws (A4 grade) and silicone gaskets. Power unit is built in. Available in anthracite gray as a standardfinish or any desired RAL colour.
Optional Coating	Marine grade.
Diffuser	Thermal-shock resistant tempered glass.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	DALI Interface.
Protection Class	IP65
Impact Resistance	IK09
Insulation Class	Class I
Installation	Ceiling surface mounted.
Conformity	Complies with European Standards EN 60598 and CE certified.





A new and fresh approach to lighting products and manufacturing

BSI® Lighting Technologies controls every aspect of the production process; design, development, manufacturing, and distribution. The result; high quality, from product performance to customer service.

Integrated development, production, and quality assurance

At BSI® Lighting Technologies; the product development location with planning, development, production, and quality control units are collected in one place.



Cutting-edge technology and artisan perfection in lighting

We created a new concept stands for artisan and trendy LED lighting luminaires with an appealing design and high-quality manufacturing.

Lighting solutions, in harmony with architecture and nature

We stand for innovative lighting technology and combined light expertise; from large-scale projects to customer project solutions.

We are the dynamic partner for high-quality lighting solutions

The comprehensive know-how of the BSI® lighting engineers stands for Quality Made in Turkey and the continuous optimisation of productivity, safety, health and energy-saving.



Customised lighting solutions for unlimited freedom

BSI® Lighting Technologies is a global manufacturer offers architectural and technical energy-efficient, high quality, sustainable lighting solutions, both for indoor and outdoor spaces.

From product engineering and design to the prototyping and manufacturing of LED luminaires, the company uses the latest technologies to satisfy clients' needs and guarantee long lasting quality. We have a total lighting product range for commercial, educational, public, residential, industrial and sports areas.

The company is also known for custom-made solutions. We are constantly working on improving products for the new generation lighting requirements. Our innovation is based on the continuous renewal of products and processes, creative system solutions for the customer needs.

glossary



Light emitting diode

LED is a semiconductor component that emits light when voltage is applied to it.



Color Rendering Index

Color Rendering international system to rate lighting device ability to render object colors. The higher the CRI (based on a 0-100 scale) Natural outdoor light has a CRI of 100.



No Ultraviolet (UV) Radiation

Radiant energy in the range of about 100-380 nanometers (nm).



No Infrared Radiation

Electromagnetic energy radiated in the wavelength of about 770 to 1.000.000 nanometers (nm).



Low Carbon Dioxide Output (VCO₂)

The amount of CO₂ exhaled from the body in to the atmosphere per unit time, expressed in milliliters (mL) or liters (L) per minute.



Fully Rated Life

Life time LED-module L90B50 100.000h. 100.000 h the luminaires will on average produce 90% of the initial lumens. Replacement of some drivers is inevitable after 50.000h.



Energy Savings

LED is a highly energy efficient lighting technology and has the potential to fundamentally change the future of lighting in the world.



Recycling

Unlike low-energy lamps, LED contains no mercury and is therefore not treated as special waste.



European Union Energy Label

The energy efficiency of the appliance is rated in terms of a set of energy efficiency classes from A to G on the label, A being the most energy efficient, G the least efficient.



Ingress Protection

The first numerical digit describes the rating that is given for solid objects. The 6 here is the highest rating and means the LED is dust tight. The second numerical digit defines how well the LED can keep liquid out.



Impact Resistance

The IK code is an international numeric classification for the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts. The classification is based on the regulations IEC 50102 (IEC 70-3), that ranges from a minimum value IK00 (unprotected), up to the value IK10 (protected from equivalent impact to the force exerted by a weight of 2 kg dropped from a 1 meter level).



Safety Classifications Class I

The luminaires in this class have basic electrical insulation and all of their potentially electrically conductive parts are connected to a protective conductor. The protective conductor terminal displays this marking.



Safety Classifications Class II

Live parts are fitted with additional insulation. Connection to a protective conductor is not permitted.



Safety Classifications Class III

Protection against electrical shock is based on use of safety extra low voltage (SELV).



CE Certificate

Certifies product has met EU (European) consumer safety, health and or environmental requirements.



RoHs Compliance

Restricts the use of certain dangerous substances commonly used in electrical and electronic equipment.



Dimming

Device that regulates the intensity of the light source.



DMX RDM

Remote Device Management is a protocol that sits on top of the normal DMX512 data standard. DMX512 is a unidirectional protocol which means that the data flows in one direction - from the control desk to the lights.



RGB

Red, Blue and Green LEDs. RGB LED products combine these three colors to produce over 16 million hues of light.

The luminaires are designed and manufactured in accordance with below quality procedures and constructed in conformity to the European EN 60598 standards and CE-marked.

*Quality Management System ISO 9001:2015 *Customer Satisfaction Management System ISO 10002:2018 *Environmental Management System ISO 14001:2015 *Occupational Health & Safety Management System ISO 45001:2018 In compliance with regulations in force, BSI® LIGHTING reserves the right to make unannounced technical amendments to improve the features and performance of products. Illustrations are not binding. The Lumen (lm) listed in the catalogue are "typical" values of LED Modules and may be subject to change due to the continuous evolving LED technology.

The standard finishing of the products are specified in the product description. The products can also be finished in RAL colours on request subject to availability.

All changes, errors or involuntary omissions in this catalogue, will be published on the website bsilighting.com

Editorial supervision BSI® LIGHTING TECHNOLOGIES

Designed and Styled by Mithat Tekin ® www.bbmt.com.tr

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