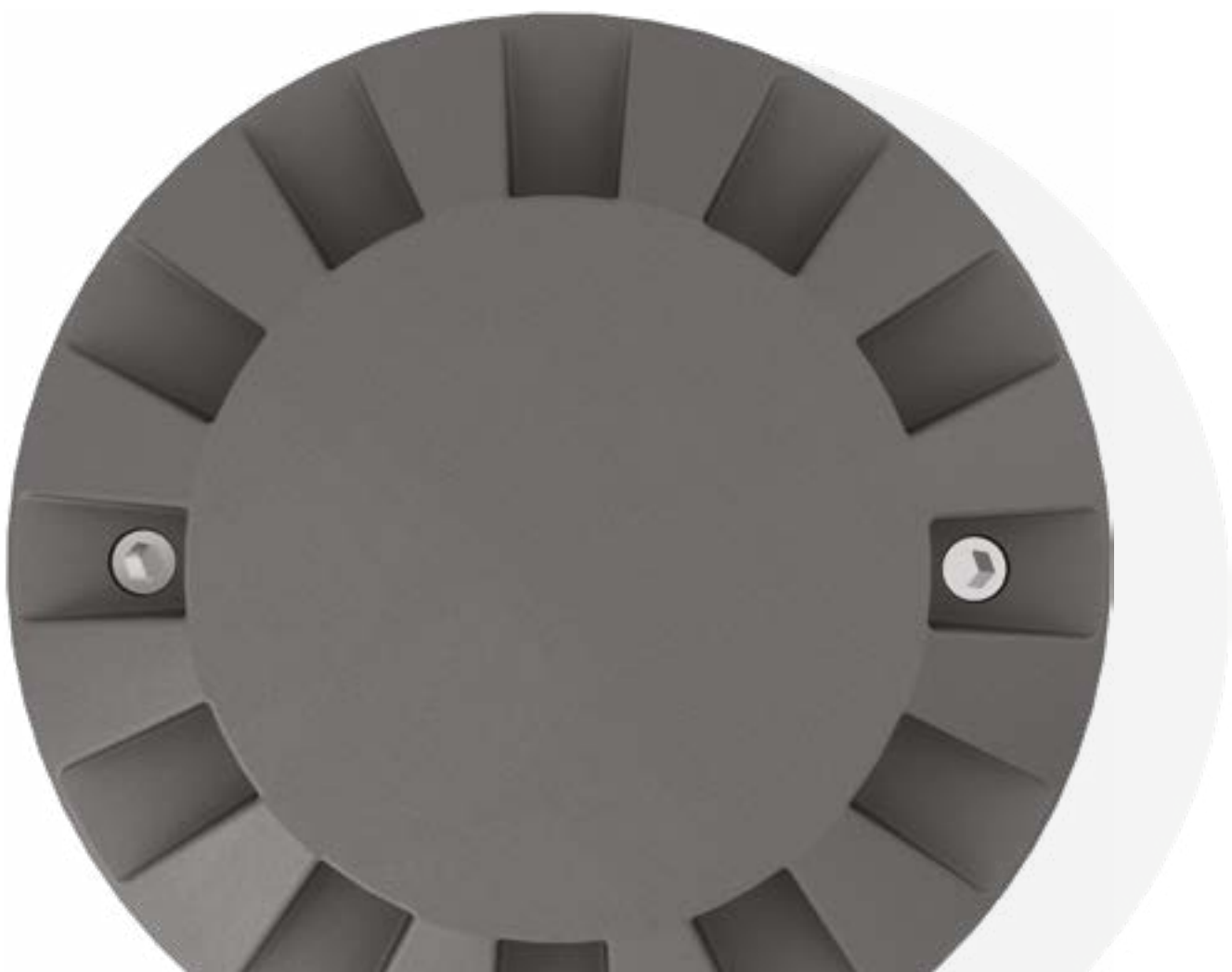


bsi
ACCENT LIGHTING
SERIES



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.





accent lighting

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

Clean and essential design to emphasize the aesthetic value of any space.

Easy control

With the use of next-generation live or stand-alone interfaces, our systems can connect to iPhone, iPod Touch or iPad to the same Wi-Fi network remotely.

Project approach and commissioning

The company team studies each project with a unique approach and creates custom-made systems that allow greater integration into the architecture. BSI® provides final commissioning for the projects.

System monitoring

Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring. Our monitoring systems send automatic failure alerts and status notifications to minimize operational risks.

Customization options

The products can be tailored on each project for a unique solution. Full customization options are available for pixel pitch and length of items give flexibility in adapting into various architectural surroundings and display effects such as text, graphic and video.

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

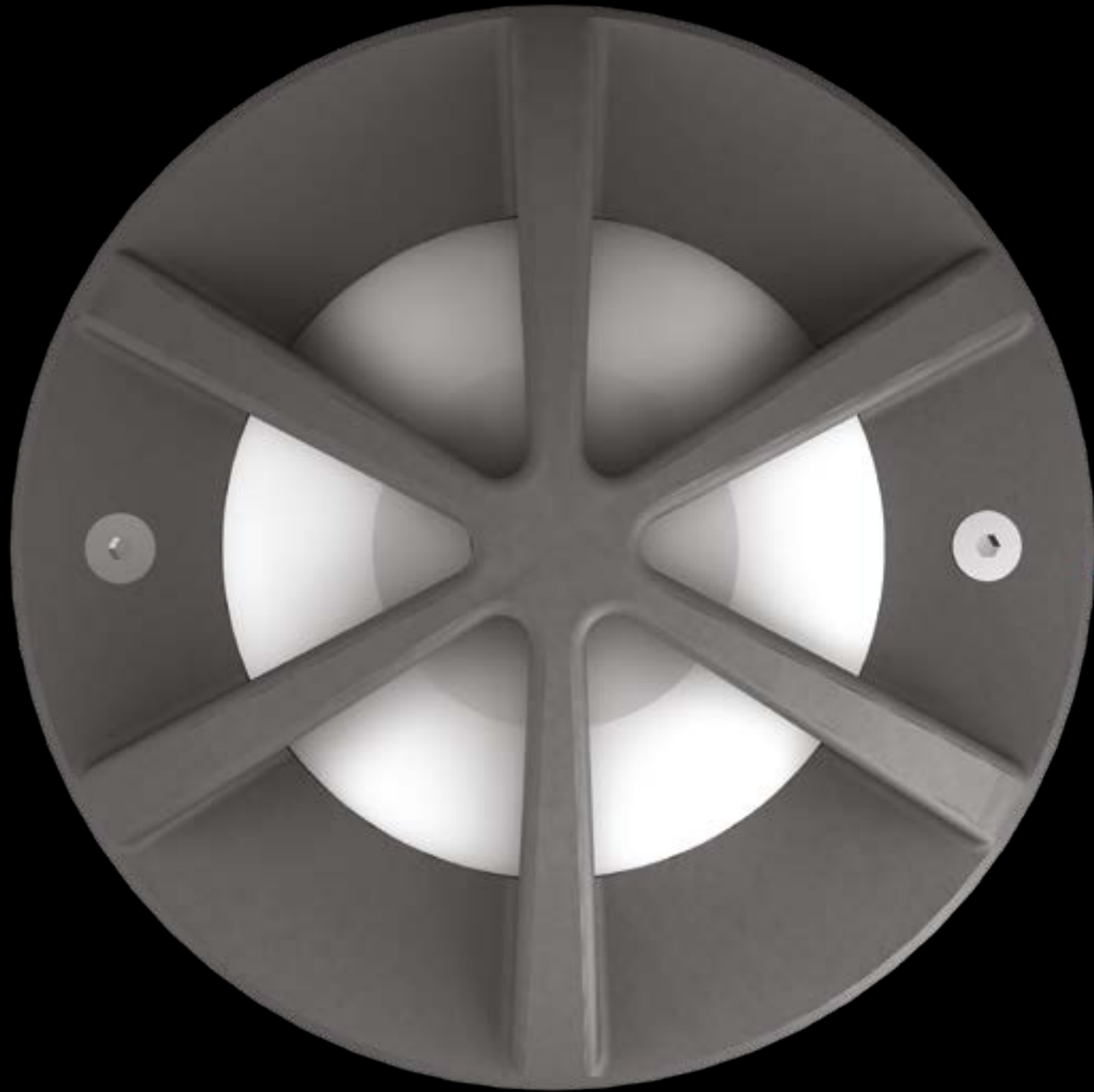
BSI® Lighting Technologies collaborates with landscape designers, architects, lighting designers and lighting specifiers to develop custom lighting solutions specific to their needs. Having an in-house design staff increases productivity and gives the client all the tools necessary to bring their ideas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

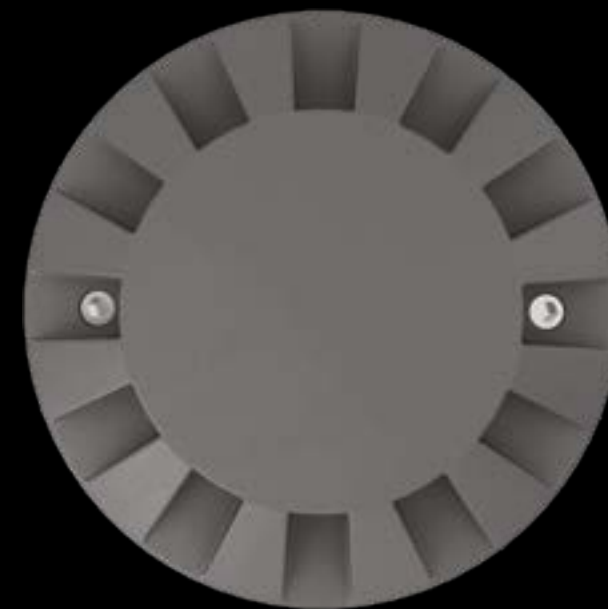


accent lighting

Discreet elegance every step of the way.

Complete series of in-ground or wall recessed and surface mounted luminaires. The light and compact form has been designed for LED light sources and brings high light performances together with high-quality solid aluminium alloy.

The series is particularly suitable for pathways, markers, courses both for the interior and the exterior use.



iUplight XS

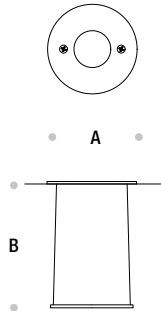
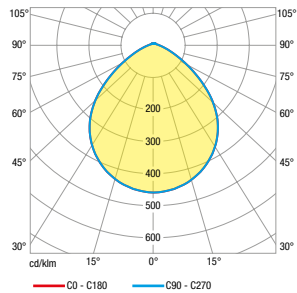
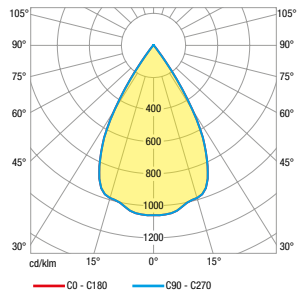
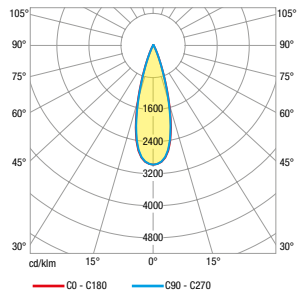
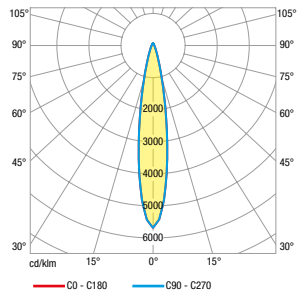
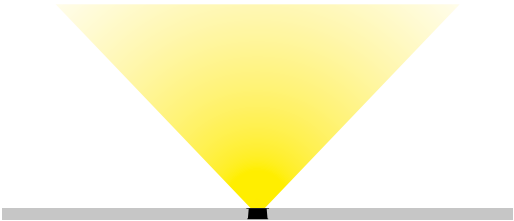
Compact drive-over and walk over in-ground recessed LED luminaire designed for the signalization of streets, cycle lanes and pedestrian ways. With the use of high-power LEDs, the in-ground light range provides high luminosity at a low power consumption. Adapting a double insulation method, all inground lights have an IP67 ranking featuring thick tempered glass. Designed to last in extremely harsh environments.

Monochrome or DALI controllable. Easy to install with the integrated universal power supply and connect via combined cable gland.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC89101	1W	110 / 120	3000K / 4000K	90	127
AC89102	3W	330 / 360	3000K / 4000K	90	127

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	Spot beam, Medium beam, Flood beam, Diffused 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. Includes recessing box and stainless steel frame.
Optional Coating	Marine grade.
Accessories	Half-Moon Glare Shield.
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	IP67
Impact Resistance	IK10
Load Rating	30kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iUplight S

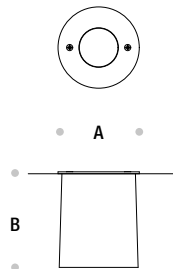
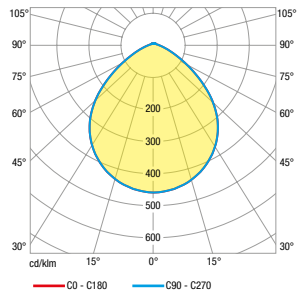
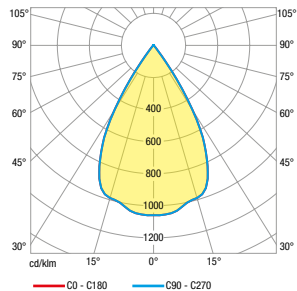
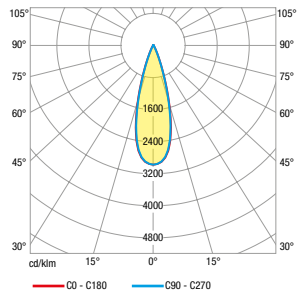
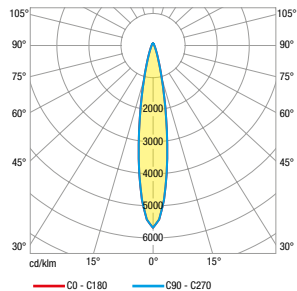
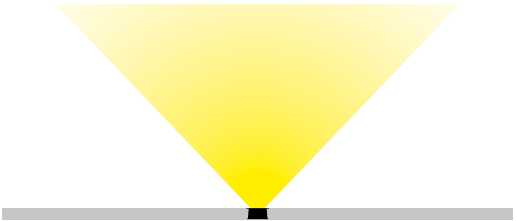
Compact drive-over and walk over in-ground recessed LED luminaire designed for the signalization of streets, cycle lanes and pedestrian ways and facade lighting. With the use of high-power LEDs, the in-ground light range provides high luminosity at a low power consumption. Adapting a double insulation method, all in-ground lights have an IP67 ranking featuring thick tempered glass. Designed to last in extremely harsh environments.

Monochrome or DALI controllable. Easy to install with the integrated universal power supply and connect via combined cable gland.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC89201	3W	330 / 360	3000K / 4000K	105	123
AC89202	5W	550 / 600	3000K / 4000K	105	123

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	Spot beam, Medium beam, Flood beam, Diffused 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. Includes recessing box and stainless steel frame.
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	IP67
Impact Resistance	IK10
Load Rating	30kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iUplight M



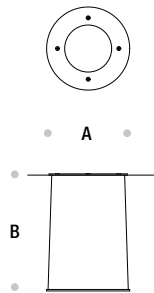
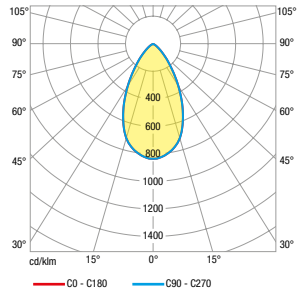
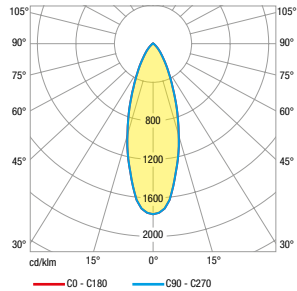
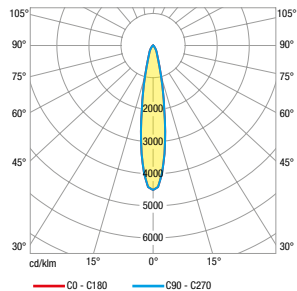
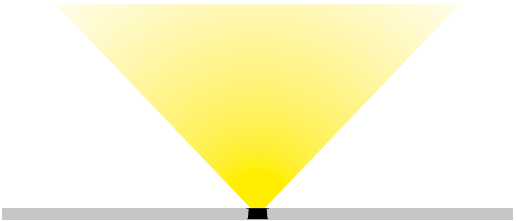
Compact drive-over and walk over in-ground recessed LED luminaire designed for the signalization of streets, cycle lanes and pedestrian ways and facade lighting. With the use of high-power LEDs, the in-ground light range provides high luminosity at a low power consumption. Adapting a double insulation method, all in-ground lights have an IP67 ranking featuring thick tempered glass. Designed to last in extremely harsh environments.

Monochrome or DALI controllable. Easy to install with the integrated universal power supply and connect via combined cable gland.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC89301	9W	990 / 1080	3000K / 4000K	158	232
AC89302	18W	1980 / 2160	3000K / 4000K	158	232

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	Spot beam, Medium beam, Flood 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. Includes recessing box and stainless steel frame.
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	RGB DMX512 (External), DALI Interface.
Protection Class	IP67
Impact Resistance	IK10
Load Rating	30kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iUplight L

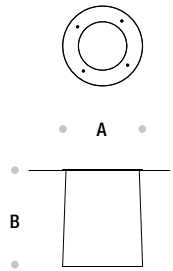
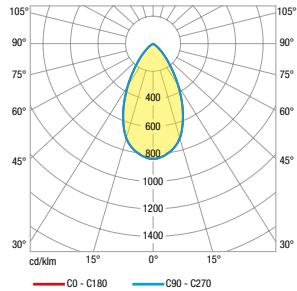
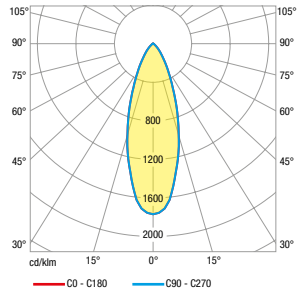
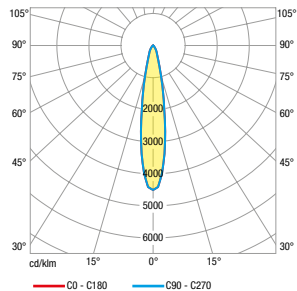
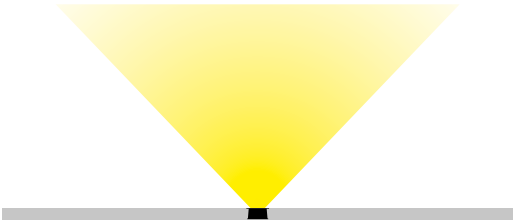
Compact drive-over and walk over in-ground recessed LED luminaire designed for the signalization of streets, cycle lanes and pedestrian ways and facade lighting. With the use of high-power LEDs, the in-ground light range provides high luminosity at a low power consumption. Adapting a double insulation method, all in-ground lights have an IP67 ranking featuring thick tempered glass. Designed to last in extremely harsh environments.

Monochrome, RGB, RGBW or DALI controllable. Easy to install with the integrated universal power supply and connect via combined cable gland.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC89401	18W	1980 / 2160	3000K / 4000K	198	232
AC89402	34W	3740 / 4080	3000K / 4000K	198	232

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	Spot beam, Medium beam, Flood 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. Includes recessing box and stainless steel frame.
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	RGB DMX512 (External) - RGBW DMX512 (External), DALI Interface.
Protection Class	IP67
Impact Resistance	IK10
Load Rating	30kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iMajor

Compact drive-over and walk over inground recessed LED luminaire designed for illuminating building facades, green areas, parks and outdoor facilities. With the use of high-power LEDs, the in-ground light range provides high luminosity at a low power consumption.

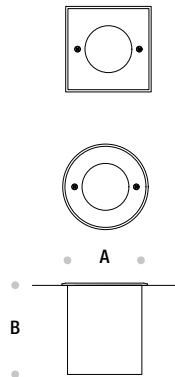
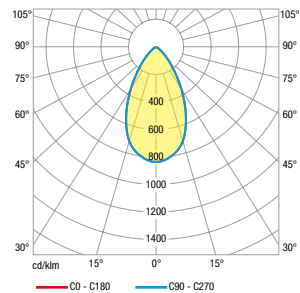
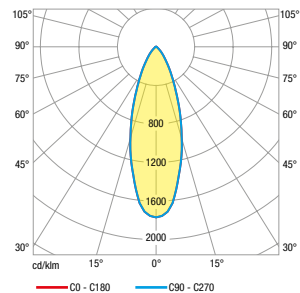
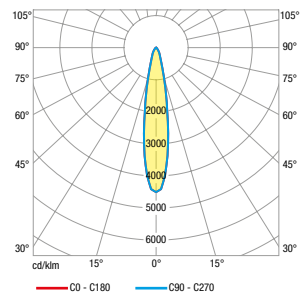
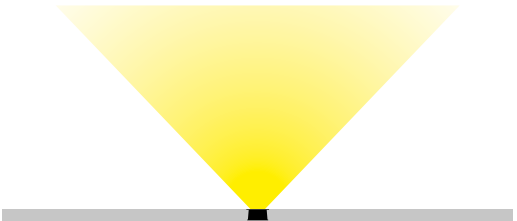
Adapting a double insulation method, all in-ground lights have an IP67 ranking featuring thick tempered glass. Designed to last in extremely harsh environments.

Monochrome or DALI controllable. Easy to install with the integrated universal power supply and connect via combined cable gland.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC81022	3W	330 / 360	3000K / 4000K	93	100
AC81023	6W	660 / 720	3000K / 4000K	120	110
AC81024	9W	990 / 1080	3000K / 4000K	140	130
AC81025	12W	1320 / 1440	3000K / 4000K	170	155
AC81026	18W	1980 / 2160	3000K / 4000K	240	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	Spot beam, Medium beam, Flood beam.
Materials	Corrosion resistant stainless steel housing (316) with stainless steel screws (A4 grade) and temperature-resistant silicone gaskets. Power unit is built in. Includes recessing box and stainless steel frame. Sealed cable gland.
Diffuser	Thermal-shock resistant tempered glass.
LED Specification	L90B50 > 100000 hours life time. Calculation for LED fixtures are based on measurements that comply with LM-80.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	DALI Interface.
Protection Class	IP67
Impact Resistance	IK10
Load Rating	30kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



Wall or in-ground flat recessed disc with a range of covers to adapt to all types of outdoor situations, including position lighting and full lighting. Frosted glass for guidance and accent applications.

Designed to last in extremely harsh environments.



AC5052



AC5054



AC5056

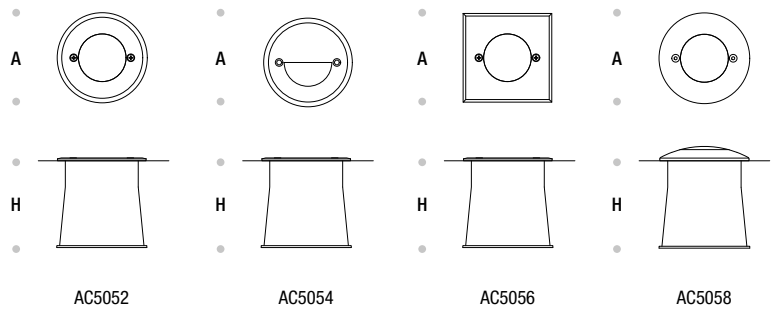
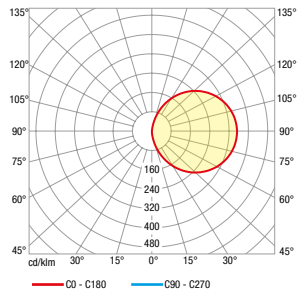


AC5058



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
AC5052 ROUND	Max 6W	450 / 510	3000K / 4000K	93	95
AC5054 HALF MOON	Max 6W	450 / 510	3000K / 4000K	93	95
AC5056 SQUARE	Max 6W	450 / 510	3000K / 4000K	93	95
AC5058 ROUND	Max 6W	450 / 510	3000K / 4000K	93	95

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	Diffused 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. Includes recessing box and stainless steel frame.
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant opal PMMA with UV protection.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP67
Impact Resistance	IK10
Insulation Class	Class II
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



Ground recessed round LED luminaire for installation outdoor for walk over and drive over with high mechanical strength. Ideal to illuminate walking paths, squares or driveways.

Designed to last in extremely harsh environments.



AC8032



AC8034



AC8036

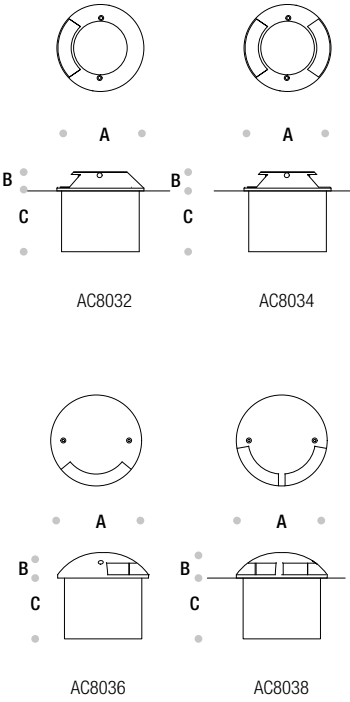
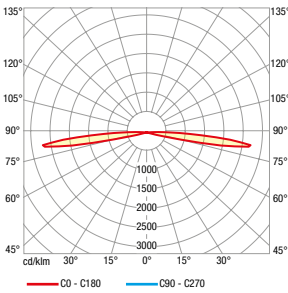
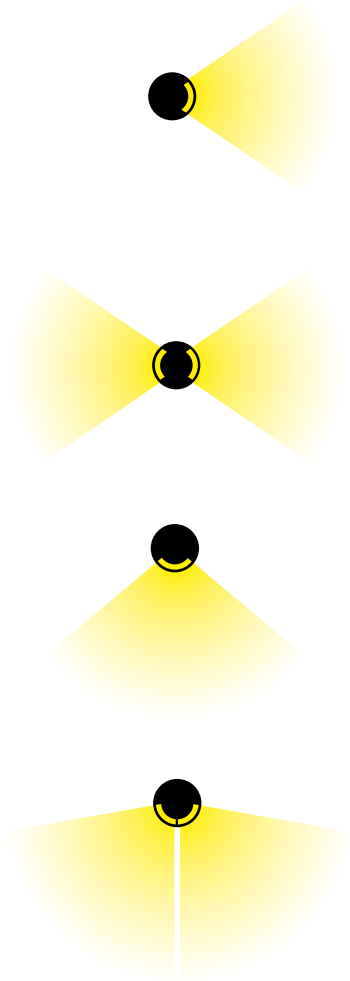


AC8038



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)	C (mm)
AC8032 SINGLE SIDED	3W	225 / 255	3000K / 4000K	157	145	110
AC8034 DOUBLE SIDED	6W	450 / 510	3000K / 4000K	157	145	110
AC8036 SINGLE SIDED	3W	225 / 255	3000K / 4000K	162	145	110
AC8038 DOUBLE SIDED	6W	450 / 510	3000K / 4000K	162	145	110

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 Sided - Two Sided
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. Includes recessing box.
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant polycarbonate with UV protection.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP67
Impact Resistance	IK10
Load Rating	40 kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



Ground recessed round LED luminaire for installation outdoor for walk over and drive over with high mechanical strength. Ideal to illuminate walking paths, squares or driveways.

Designed to last in extremely harsh environments.



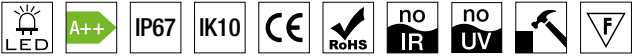
AC8042



AC8044

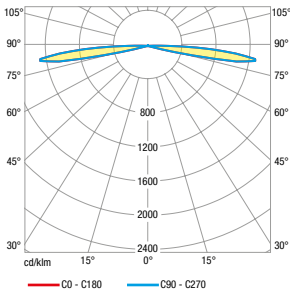
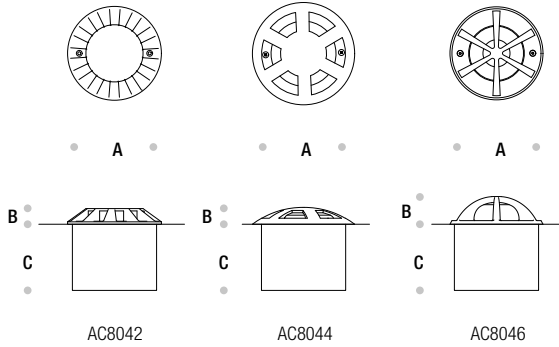
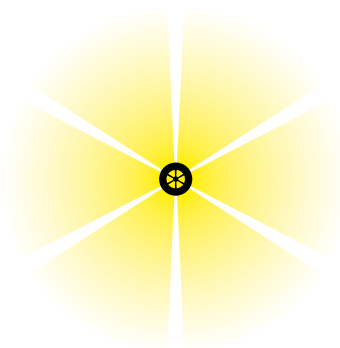
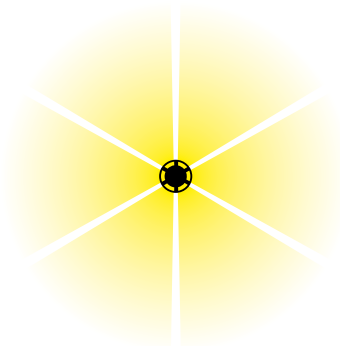
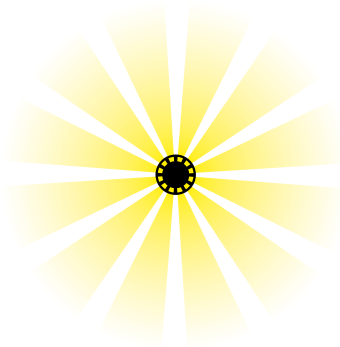


AC8046



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)	C (mm)
AC8042	6W	450 / 510	3000K / 4000K	156	26	110
AC8044	6W	450 / 510	3000K / 4000K	170	28	110
AC8046	6W	450 / 510	3000K / 4000K	155	46	110

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	Multi sided light sectors.
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. Includes recessing box.
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant polycarbonate with UV protection
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP67
Impact Resistance	IK10
Load Rating	40 kN
Insulation Class	Class I
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iFrame

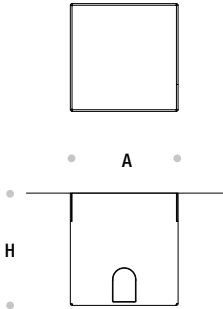
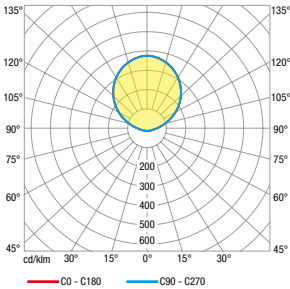
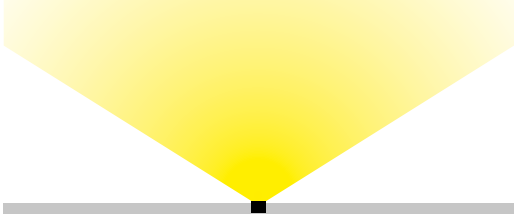
Recessed luminaire for outdoor installation in ground. Ambient illumination with a special visual effect.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
AC8052	Max 3W	225 / 255	3000K / 4000K	80	100
AC8054	Max 3W	225 / 255	3000K / 4000K	100	100
AC8056	Max 3W	225 / 255	3000K / 4000K	120	100

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	120°
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. Includes inox recessing box.
Diffuser	UV resistant encapsulated opal.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP67
Impact Resistance	IK10
Load Rating	30 kN
Insulation Class	Class II
Installation	Recessing box to be placed at ground level 20 cm drainage gravel for water evacuation. Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iFlap

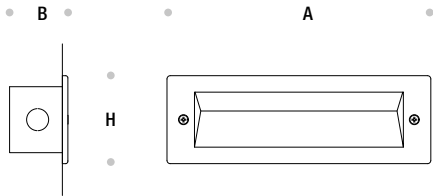
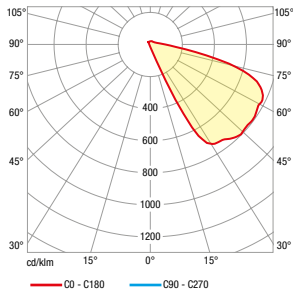
A family of compact asymmetrical recessed wall lights, producing a clearly defined wash of light. Adapted to illuminate stairs with downward orientation of light.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)	H (mm)
AC5092	5W	375 / 425	3000K / 4000K	240	53	80
AC5094	10W	750 / 850	3000K / 4000K	240	90	98

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	Asymmetrical light distribution.
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. Includes recessing box.
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 (AC5094).
Protection Class	IP65
Impact Resistance	IK09
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



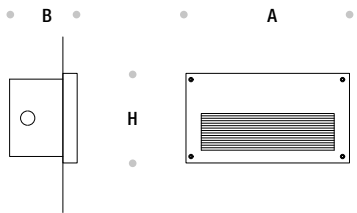
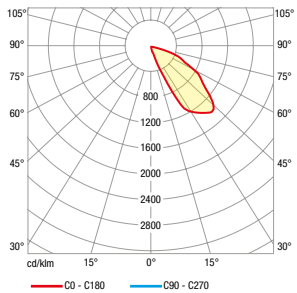
A family of compact recessed wall lights, producing a clearly defined wash of light. Adapted to illuminate ground surfaces with downward orientation of light.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)	H (mm)
AC5022	3W	225 / 255	3000K / 4000K	150	100	150
AC5024	6W	450 / 510	3000K / 4000K	230	100	130

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	Directed downwards light.
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. Includes recessing box.
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	IP65
Impact Resistance	IK09
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



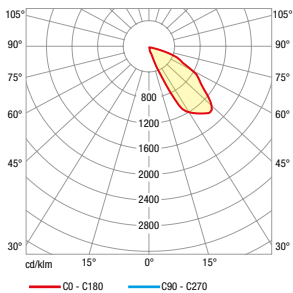
Compact recessed wall lights, producing a clearly defined wash of light. Adapted to illuminate ground surfaces with downward orientation of light.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC5013	24W	1800 / 2040	3000K / 4000K	300	116
AC5014	24W	1800 / 2040	3000K / 4000K	300	116
AC5015	12W	900 / 1020	3000K / 4000K	250	116
AC5016	12W	900 / 1020	3000K / 4000K	250	116

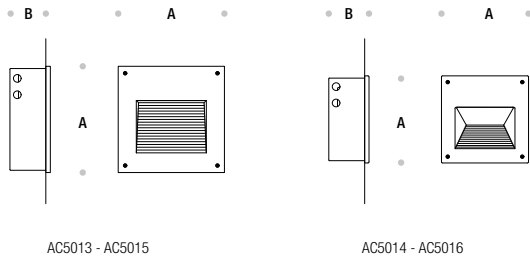
LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
Nominal Voltage	220V-240V AC, 50/60Hz
Color Rendering Index	CRI> 80 standard and CRI>90 on request.
Optics	Directed downwards light.
Materials	Corrosion resistant 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. Includes recessing box.
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	IP65
Impact Resistance	IK09
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



AC5013 - AC5015



AC5014 - AC5016



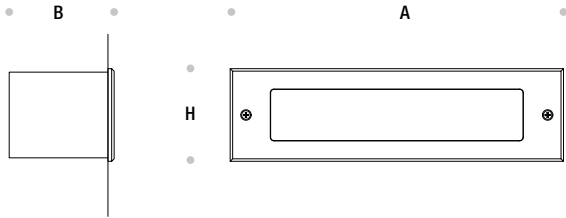
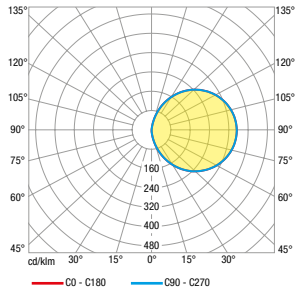
A family of compact symmetrical recessed wall lights, producing a clearly defined wash of light.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)	H (mm)
AC5032	6W	450 / 510	3000K / 4000K	270	85	75

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	Diffused optical 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. Includes recessing box.
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant polycarbonate with UV protection.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP65
Impact Resistance	IK09
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



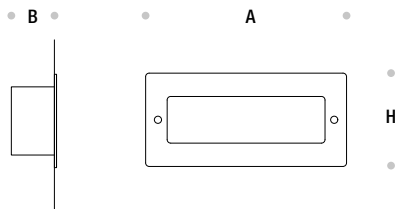
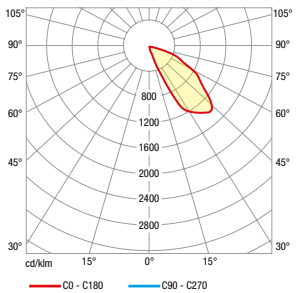
A family of compact downward recessed wall lights, producing a clearly defined wash of light.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)	H (mm)
AC5042	3W	225 / 255	3000K / 4000K	160	43	130
AC5044	6W	450 / 510	3000K / 4000K	280	63	130

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	Downward light distribution.
Materials	Corrosion resistant stainless steel housing (316) with stainless steel screws (A4 grade) and temperature-resistant silicone gaskets. Power unit is built in. Includes recessing box and stainless steel frame. Sealed cable gland. Includes recessing box.
Diffuser	High impact and heat resistant polycarbonate with UV protection.
LED Specification	L90B50 > 100000 hours life time.
Energy Efficiency Class (EEC)	A++
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Protection Class	IP65
Impact Resistance	IK09
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



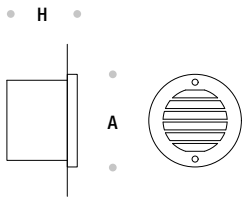
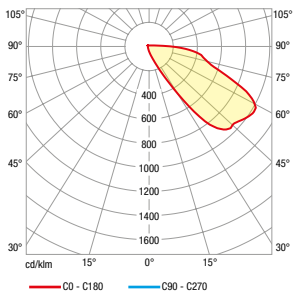
Compact recessed shielded luminaires for pathways, stairs and walls for low ambient brightness.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
AC5082	3W	225 / 255	3000K / 4000K	130	80
AC5084	6W	450 / 510	3000K / 4000K	130	80

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	Shielded light distribution.
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. Includes recessing box.
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	IP65
Impact Resistance	IK10
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



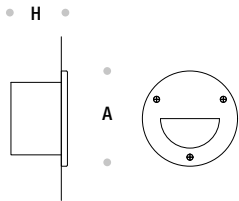
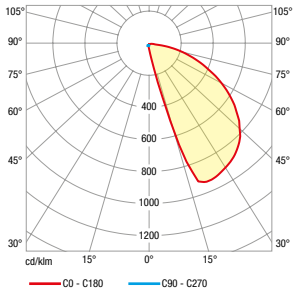
Compact recessed marking luminaires for pathways, stairs and walls for low ambient brightness.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	H (mm)
AC5062	4W	300 / 340	3000K / 4000K	155	80

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	Downward light distribution.
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. Includes recessing box.
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	IP65
Impact Resistance	IK10
Insulation Class	Class I
Installation	Connection via junction boxes.
Conformity	Complies with European Standards EN 60598 and CE certified.



iPonte

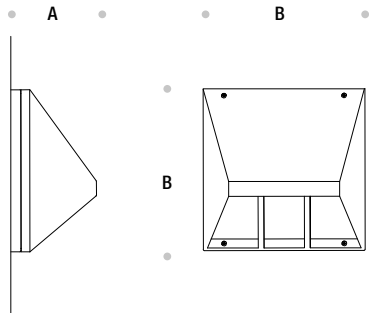
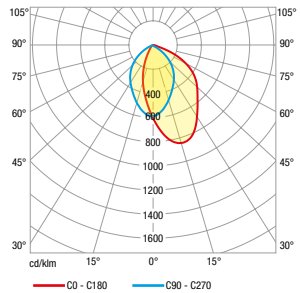
iPonte is a robust wall or surface mount luminaire with glare-free lighting distribution, perfect for general ambient lighting applications.

Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC4410	12W	900 / 1020	3000K / 4000K	120	220
AC4412	27W	2025 / 2295	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.
Light Distribution	Downward light distribution.
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	IP65
Impact Resistance	IK08
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.

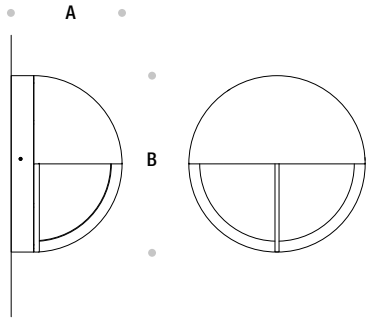
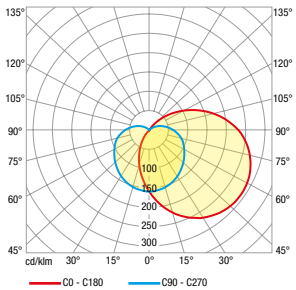


iOris is a robust wall surface mount functional and aesthetic luminaire, perfect for general ambient lighting applications. Designed to last in extremely harsh environments.



CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	A (mm)	B (mm)
AC4490	10W	750 / 850	3000K / 4000K	165	260

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	Downward light distribution.
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 antracite gray as a standard finishor any desired RAL colour.
Optional Coating	Marine grade.
Diffuser	High impact and heat resistant polycarbonate with UV protection.
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	IK08
Insulation Class	Class I
Installation	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.



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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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