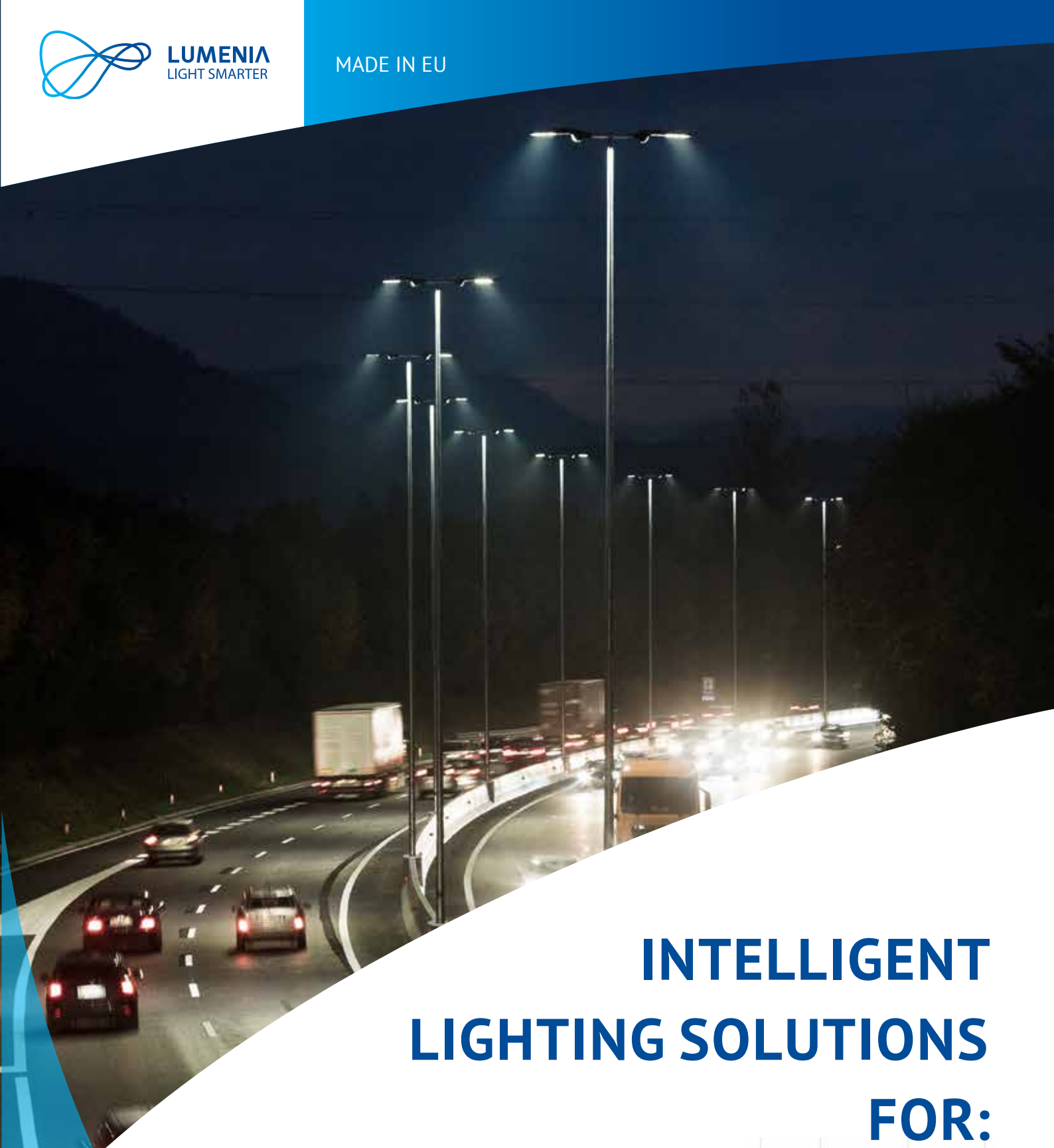




**LUMENIA**  
LIGHT SMARTER

MADE IN EU



# INTELLIGENT LIGHTING SOLUTIONS FOR:



Streets and  
parks



Industry and  
workshops



Offices and  
shops



LUMENIA  
STREET

MADE IN EU

## Innovative Street lighting solutions

Cities are constantly evolving. Urban settings with their streets, roads, parks, squares and alleys and constantly changing traffic density represent a special challenge when designing effective and efficient illumination. LUMENIA lights can be customized to provide the most efficient and effective solutions. Our luminaires can be upgraded with LUMENIA Solution sensors for remote light management, movement detection and traffic counting, all a necessary building block for smart crowd management and surveillance.



### S LUM

The S LUM LED light is our innovative energy-efficient flagship product for street lighting. S LUM meets all the requirements for urban lighting such as toolless access, modular design, 12 different optical settings. Additionally, luminaire has screwless, replaceable light engine and power supply which guarantee low maintenance cost.



### E LUM

The E LUM LED light is a high-tech street light with a modern, extremely thin, aerodynamic design that allows natural air circulation, which provides exceptional heat transfer and expands its lifespan. It can be integrated seamlessly into all public and private outdoor areas, as well as along roads of all types.



### U LUM

The modern futuristic design of the U LUM light complements the aesthetics of the city, and integrates well in the urban environment. The inspiring design of this LED luminaire makes urban areas more appealing and inviting for people, while also saving energy, reducing your environmental impact and making these areas safe for children, pedestrians and cyclists.



### E LUM SOLAR

E LUM SOLAR features Top-quality components, made in EU, and our unmatched development distinguish this system as utterly reliable with a prolonged service life. The system's main features are a battery charger with MTTP functions, controlling the charging of batteries and automated dimming. In addition, you can set 5 dimming steps via smartphone, using a special application.



### T LUM – Retrofit E27

The T LUM LED retrofit module is an excellent solution for communities aiming to convert their existing lighting systems and keep the traditional look of their downtown districts. It is affordable and can be used on new or existing lighting fixtures to improve your impact on the environment. The module meets both old and new IES criteria for upright minimization.

	S LUM	E LUM	U LUM-	T LUM	SOLAR
System efficacy:	Up to 145 lm/W	Up to 140 lm/W	Up to 125 lm/W	Up to 80 lm/W	Up to 130 lm/W
CRI:	≥70, 80 upon request	≥70, ≥80 upon request	>80	≥70	≥ 70; 80 (optional)
Power:	10 - 120 W	10 - 220 W	10 - 60 W	15-20 W	30-60 W
Luminous flux:	1050 - 16800 lm	1450 - 27000 lm	1250 – 7500 lm	1104 - 1522 lm	3220 - 6871 lm
CCT:	4000K; Other upon request	4000K; Other upon request	4000K; Other upon request	3000-4000K	4000 – 4500 K
Electrical / Appliance class:	Class I, Class II	Class I, Class II	Class I, Class II	Class II	Class II
Protection class:	IP 66	IP 66	IP 66	IP 65	IP 66 (Battery box, IP 42)
Mechanical class:	IK 09	IK 09	IK 08	/	IK 09
Surge protection options:	Economy: 6kV, Standard & Premium 10kV / 6kV; additional SPD 10kV/10kA	10kV / 6kV; additional SPD 10kV/10kA	10kV; additional SPD 20 kV	Additional 10kV / 10kA	/
Operating temperature:	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C	-20°C to +50°C
Options:	NEMA socket, mounting adapters, SPD device, lighting sensor, integrated camera	NEMA socket, mounting adapters, SPD device	mounting adapters, SPD device	/	Mounting adaptor, PV Module, Bluetooth module
Remote management:	PLC or RF, DALI or 1-10V	PLC or RF, DALI or 1-10V	PLC, RF or Bluetooth	/	Bluetooth
Lifetime:	L80B10 > 100,000h	L80B10 > 65,000h L80B10 > 300,000h (Premium)	L80B10 > 65,000h	L80B10 > 50,000h	Battery: 7000 cycle lifetime at 70% DOD
Advisable installation height:	Up to 15m	Up to 16m	Up to 6m	Up to 4m	Up to 10m
Warranty:	5 - 10 years	5 - 10 years	5 - 10 years	5 years	5 - 10 years



## Industrial lighting for workplaces, plants and distribution centres

The quality of light significantly affects productivity. People collect more than 85% of all information visually, so good lighting at workplace is of extreme importance. What is more, good lighting is directly correlated with productivity and ability to concentrate, which in turn increases work quality and decreases the number of mistakes. It moreover positively influences workers' wellbeing and health.



### G LUM

The G LUM LED light opens a new chapter in industrial lighting for various industrial applications, e.g. industrial facilities, garages, warehouses, and shopping centers. G LUM LED lights are distinguished by an ultra-light, compact, and highly aesthetic design, thus allowing swift modernization of existing industrial lighting systems with considerable energy savings.

### H LUM

H LUM light is a durable, highly effective industrial LED for high ceiling installation. It is an ideal solution for distribution centers, production facilities, and warehouses or gyms, which require high illumination but minimum maintenance. With finely engineered housing, made of anodized, extruded aluminum, H LUM fixture dissipates heat and keeps the LEDs inside cool and bright for years.

### L LUM

L LUM is our thinnest linear light with an integrated AC power supply. It offers efficient lighting without LED spots for commercial and industrial applications. Connector installation configuration and the possibility of two different extruded Batwing optics offer unmatched versatility. The L LUM light can easily be installed with connectors, which allows for an end-to-end continuous line connection.

	G LUM	H LUM	L LUM
System efficacy:	Up to 140 lm/W	Up to 130 lm/W	Up to 130 lm/W
CRI:	> 80	> 80	≥80
Power:	20 - 60 W	60 - 260 W	30 - 60 W
Lumious flux:	2170 - 8010 lm	8000 - 30.000 lm	3900 - 7800 lm
CCT:	4000 K, Optional 5700K	4000K; optional 5700K	4000 K
Protection Class	IP 64 / IP 65	IP 65	IP 54
Mechanical class	IK 09	IK 09	IK 10
Operating temperature:	-20°C to +50°C	-30°C to +50°C	-20°C to +40°C
Options:	DALI or 1-10V, Wire Mounting bracket, Motion Detector	DALI or 1-10V, Motion detector, Emergency module 1h or 3h	Quick connection connector Wire mounting bracket
Lifetime:	L80B10 > 80,000h	L80B10 > 60,000h	L70B10 > 50,000 hours
Warranty:	5 years on electronics, 10 years on mechanical parts	5 years on electronics, 10 years on mechanical parts	5 years on electronics, 10 years on mechanical parts



LUMENIA  
INTERIOR

MADE IN EU



## Lighting for offices, schools, hospitals and production facilities

Improper lighting can negatively affect the wellbeing of students and workers, and in turn their performance. Weak or strong lights, shadows, glare or light reflections are tiring for the eyes and decrease concentration. Our line of products for offices provides excellent lighting for effective working, studying and living.

### O LUM Product group

O LUM products combine proven, traditional design with state-of-the-art technology, providing a convenient way to replace outdated lights and improve customer satisfaction. A 5-year full performance warranty, their modular design, low UGR, optional DALI or 1-10V communication, emergency light integration, etc., are only a few of the many O LUM advantages that contribute to an excellent price-performance ratio.



QUADRO



SCREEN

	QUADRO	SCREEN
System efficacy:	Up to 100 lm/W	Up to 120 lm/W
CRI:	≥80	≥80
Power:	40 W	40 W
Luminous flux:	4000 lm	4800 lm
CCT:	4000 K, Other upon request	4000 K, Other upon request
Protection class:	IP 20	IP 54
UGR:	≤19	≤19
Operating temperature:	-20°C to +45°C	-20°C to +45°C
Options:	DALI, 1-10V, Emergency module 1h or 3h	DALI, 1-10V, Emergency module 1h or 3h
Lifetime:	L80B10 > 50,000h	L80B10 > 50,000h
Warranty:	5 years	5 years

### HUMAN CENTRIC LIGHTING

#### SKY LUM

SKY LUM is our first Human Centric Lighting (HCL) product line. HCL luminaires balance visual, emotional and biological human needs with appropriate and precise lighting. HCL lighting has a beneficial effect on users and residents; and prevents circadian rhythm disorders by replicating daylight spectral composition and supporting the circadian rhythm. SKY LUM luminaires feature 2 changeable colour temperatures that can be adjusted based on the activity or time in the day. Colder tones with special wavelength peaks are to be used in the morning and during the day to heighten our hormone cortisol, which makes us more alert, awake, and it increases our productivity. In the evening bluish tones are replaced with warmer warmer spectrum, which allows our bodies to efficiently produce sleep hormone melatonin and recede the active hormones.



SKY LUM  
Wall & Ceiling



SKY LUM  
Pendant

	SKY LUM Pendant	SKY LUM Wall & Ceiling
System efficacy:	Up to 105 lm/W	Up to 95 lm/W
CRI:	>85@3000K; >90@5000K; 85@4000K	>90@5000K; >85@4000K
Power:	49 W	21 W
Luminous flux:	5105 lm	1980 lm
CCT:	Changeable from 3000K to 5000K / 4000K	5500K; 4000K
Protection class:	IP54	IP 54
UGR:	≤16	≤16
Operating temperature:	-20°C to +45°C	-20°C to +45°C
Lifetime:	L80B10 > 50,000h	L80B10 > 50,000h
Warranty:	5 years	5 years