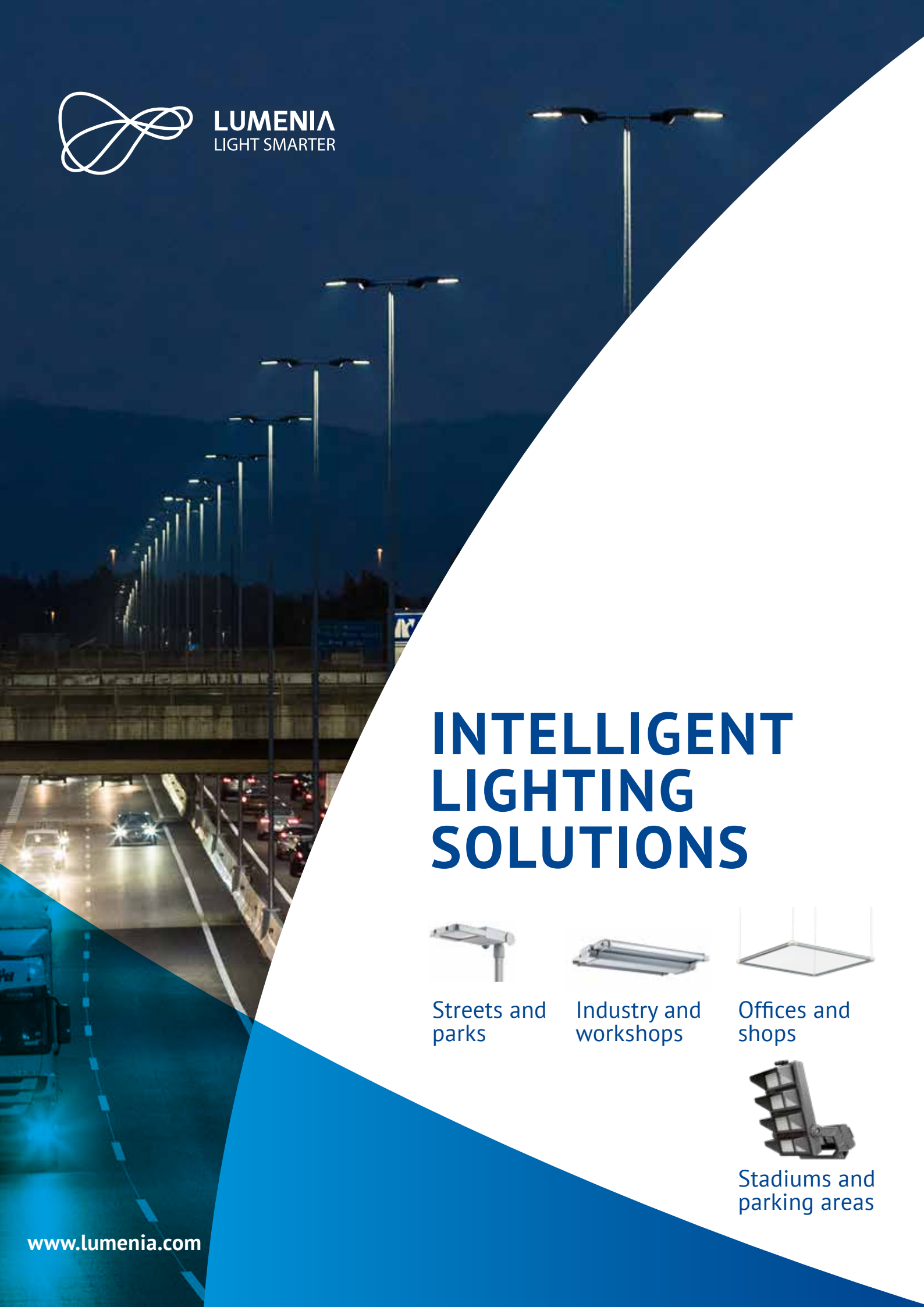




LUMENIA
LIGHT SMARTER



INTELLIGENT LIGHTING SOLUTIONS



Streets and
parks



Industry and
workshops



Offices and
shops



Stadiums and
parking areas



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 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, more than 8 different optical settings. It also features a 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. This light 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. Our unmatched development distinguishes 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. It is also possible to set five dimming steps via smartphone, using a special application.



T LUM

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. T LUM - RETROFIT E27 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 uplight minimization.

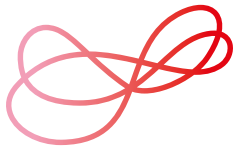


S LUM MINI

S LUM MINI LED light is small in size, but offers nothing mini in regard to system efficacy and power. Great for lighting pedestrian areas, streets, and parking lots.

	S LUM	E LUM	U LUM	T LUM	SOLAR
System efficacy*	Up to 152 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	S LUM 1: 10, 25, 40 W S LUM 2: 60, 80, 120 W S LUM 1 Gen2: 30, 40, 55 W S LUM 2 Gen2: 60, 80, 100, 120, 135 W S LUM Mini: 10, 20, 30 W	E LUM 1: 10 to 80 W E LUM 2: 80 to 220 W	10–40 W	15–20 W	30–60 W
Luminous flux	1,180-20,120 lm	1,450–27,000 lm	1,300–5,200 lm	1,104–1,522 lm	3,220–6,871 lm
CCT	4,000 K; other upon request	4,000 K; other upon request	4,000 K; other upon request	3,000–4,000 K	4,000–4,500 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 09	/	IK 09
Surge protection options	Economy: 6 kV, Standard & Premium 10 kV / 6 kV; additional SPD 10 kV / 10kA	10 kV / 6 kV; additional SPD 10 kV / 10 kA	10 kV	Additional 10 kV / 10 kA	/
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	SPD, PLC, RF, Nema Ready, Lightswitch	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 > 100,000 h L90B10 > 300,000 h (Premium)	L80B10 > 65,000 h L90B10 > 300,000 h (Premium)	L80B10 > 65,000 h	L80B10 > 50,000 h	Battery: 7000 cycle lifetime at 70% DOD
Advisable installation height	Up to 15 m	Up to 16 m	Up to 6 m	Up to 4 m	Up to 10 m

*depends on CCT & CRI



LUMENIA
INDUSTRIAL
MADE IN EU

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 extremely important. It is directly correlated with productivity and ability to concentrate, which in turn increases work quality and decreases the number of mistakes. It has the ability to positively influence 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 light is 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 offers unmatched versatility. L LUM light can easily be installed with connectors, which allows for an end-to-end continuous line connection.

Q LUM

Q LUM is a unique industrial LED lamp with a thoughtfully designed gasket, end caps and extruded profile that provide a high level of protection against dust and water permeation. It is made of Polycarbonate, and is high heat and shock resistant. The Q LUM LED is ideal for garages, production facilities, workshops, and corridors.



W LUM

With its high grade of protection against dust, contamination and water permeation, W LUM LED light is a perfect solution for illuminating spaces with dusty and humid environments. It offers extremely high lighting efficiency and excellent light uniformity.

	G LUM	H LUM	L LUM
System efficacy*	Up to 139 lm/W	Up to 149 lm/W	Up to 125 lm/W
CRI	> 80	> 80	≥ 80
Power	20-60 W	60-260 W	30-60 W
Lumious flux*	2,501 – 8,138 lm	8,740 – 42,100 lm	3,480 – 7,530 lm
CCT	4,000 K, optional 5,700K	4,000K; optional 5,700K	4,000 K
Protection class	IP 64 / IP 65	IP 65	IP 40
Mechanical class	IK 09	IK 08	IK 10
Operating temperature	-20 °C to +40 °C	-30 °C to +55 °C	-20 °C to +40 °C
Options	DALI or 1-10V, Wire mounting bracket, Motion detector	DALI or 1-10V, Motion detector, Emergency module 1 or 3 h	Quick connection connector Wire mounting bracket
Lifetime	L80B10 > 80,000 h	L80B10 > 60,000 h	L70B10 > 50,000 h
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

	Q LUM	W LUM
System efficacy*	Up to 112 lm/W	Up to 147 lm/W
CRI	≥ 80	≥ 80
Power	50-60 W	19-46 W
Lumious flux*	5,600-6,500 lm	2,600-6,650 lm
CCT	4,000 K	4,000 K
Protection class	IP 65	IP 66 or IP 67
Mechanical class	IK 08	/
Operating temperature	-10 °C to + 35 °C	-20 °C to + 35 °C
Options	Mounting bracket	Mounting bracket
Lifetime	L70B50 > 60,000 h	L70B50 > 50,000 h
Warranty	5 years	5 years

*depends on CCT & CRI



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 interiors provides excellent lighting for effective working, studying and living.



QUADRO

This luminaire combines traditional office lighting design that has been in use for over 50 years with state-of-the-art technology to provide the best customer experience. This luminaire made of reflective grids provides low UGR, resulting in low discomfort glare.



SCREEN

This luminaire is designed to provide excellent vision at work in clean rooms, laboratories, hospitals, medical centers and in certain production environments. It meets all applicable lighting standards and regulations for operating in highly hygienic facilities which require easy-to-clean, dust-free luminaires.



PANEL

Made of high quality materials, this luminaire is not only aesthetically pleasing, but also easy to install, offering a uniform and extremely harmonious lighting. It can easily be incorporated into any interior.



I LUM

Designed as a high-end linear light for premium performance, I LUM LED light is a flexible luminaire that brings elegance and minimalism to every room. With exceptionally uniform and soft lighting of low glare, it offers direct or indirect lighting, 3 types of installation, seamless continuous design, and advanced optical solution made of lens and reflector. Various lighting distributions meet the requirements of generation lighting, asymmetric distribution for shelves and wallwasher, and bi-symmetric distribution for aisle lighting.



R LUM

R LUM luminaire is an indoor luminaire that offers optimal lighting, easy installation and low maintenance. Due to the minimalist design it can easily be combined with other types of indoor lighting fixtures to create harmony in any given space.



D LUM

D LUM LED luminaire is a stylish and powerful downlight, providing comfortable, quality illumination, with low UGR and easy installation. It is designed for public rooms and areas, stairways, corridors, foyers, and shops.

	QUADRO	SCREEN	PANEL	R LUM
System efficacy*	Up to 100 lm/W	Up to 120 lm/W	Up to 110 lm/W	Up to 85 lm/W
CRI	≥ 80	≥ 80	> 80	> 80
Power	40 W	40 W	40 W	15-36 W
Luminous flux*	4,000 lm	4,800 lm	4,400 lm	1,250 - 2,900 lm
CCT	4,000 K, other upon request	4,000 K, other upon request	4,000 K	4,000 K
Protection class	IP 20	IP 65	IP 40 or IP 65	IP 44
UGR	≤19	≤19	<19 or <22	/
Operating temperature	-20 °C to +45 °C	-20 °C to +45 °C	-20 °C to +40 °C	-20 °C to +55 °C
Options	DALI, 1-10V, Emergency module 1 or 3 h	DALI, 1-10V, Emergency module 1 or 3 h	DALI, Emergency module	/
Lifetime	L80B10 > 50,000 h	L80B10 > 50,000 h	L80B10 > 50,000 h	L80B10 > 30,000 h
Guarantee	5 years	5 years	5 years	5 years
	I LUM	D LUM		
System efficacy*	Up to 111 lm/W	Up to 93 lm/W		
CRI	80	80		
Power	30 - 45 W	15 - 45 W		
Luminous flux*	3,000 - 5,000 lm	1,200 - 4,185 lm		
CCT	4,000 K, other upon request	4,000 K, other upon request		
Protection class	IP 20	IP 20		
Operating temperature	-20 °C to +35 °C	-20 °C to +35 °C		
Guarantee	5 years	5 years		

*depends on CCT & CRI



LUMENIA
INTERIOR
MADE IN EU

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 two changeable colour temperatures that can be adjusted based on the activity or time of day. Colder tones with special wavelength peaks are suitable for morning time and during the day to heighten our hormone cortisol, which makes us more alert, awake, and 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 PENDANT



HUMAN CENTRIC
LIGHTNING



**SKY LUM
WALL & CEILING**



HUMAN CENTRIC
LIGHTNING

	SKY LUM Pendant	SKY LUM Wall & Ceiling
System efficacy	Up to 104 lm/W	Up to 95 lm/W
CRI	>85@3,000 K; >90@5,000 K; >85@4,000 K	>90@5,000 K; >85@4,000 K
Power	50 W	21 W
Luminous flux	5,105 lm	1,980 lm
CCT	Tunable from 3,000 K to 5,500 K / 4,000 K	5,500 K; 4,000 K
Protection class	IP 54	IP 54
UGR	≤16	<16/<19
Options	-20 °C to +45 °C	-20 °C to +45 °C
Lifetime	L80B10 > 50,000 h	L80B10 > 50,000 h
Warranty	5 years	5 years



Outdoor lighting for stadiums, parking lots and facades

Highest reliability, ultra-efficiency, easy installation and quality make our outdoor collection of luminaires the first choice for standard or difficult lighting tasks outdoors, while at the same time ensuring economical, low-maintenance and energy-efficient lighting solution. They can be used in variety of places thanks to their robustness, performance and flexibility.



F LUM

The F LUM LED floodlight is our high power outdoor luminaire. It features a robust construction with modular design along with precision aiming device for adjustment and a visor that reduces light spill. Other features include a remote driver placement for easier maintenance without the use of ladder or cherry picker truck.



F LUM MIDI

F LUM Midi is our middle-sized outdoor fixture used to illuminate medium sized areas. It is available in wide range of lumen output packages and various symmetric and asymmetric beam angles. It features a die cast aluminium housing with cooling fins, long lifetime and high system efficiency.



F LUM MINI

F LUM Mini is our smallest outdoor fixture used to illuminate small sized areas. Available in wide range of lumen output packages, it features a compact design and light weight, while maintaining excellent heat dissipation ability.

	F LUM			F LUM MIDI			F LUM MINI		
Supply voltage	220-240 VAC			220-240 VAC			220-240 VAC		
System power	600W	900W	1200W	200W	250W	300W	30-50 W	80-100 W	150 W
Luminous flux	Up to 90,000 lm	Up to 135,000 lm	Up to 180,000 lm	Up to 28,400 lm	Up to 36,000 lm	Up to 42,300 lm	Up to 6,550lm	Up to 13,200lm	Up to 19,650lm
Efficacy*	Up to 150 lm/W	Up to 150 lm/W	Up to 150 lm/W	Up to 142 lm/W	Up to 144 lm/W	Up to 141 lm/W	Up to 132 lm/W	Up to 132 lm/W	Up to 131 lm/W
CRI	>70			>70			>70		
Standard CCT	5,000 K, other CCT upon request			4,000 K, 5,000 K			4,000 K, 5,000 K		
Number of different optics	3			3			1		
Lifetime	L70B10 > 60,000 h			L70B10 > 50,000 h			L70B10 > 50,000 h		
Communication protocol	DALI			DALI			/		
IP	66			66			65		
IK	08			08			08		
Operating temperature	From -30 °C to +50 °C			From -30 °C to +50 °C			From -20 °C to + 50 °C		
Housing material	Aluminium			Aluminium			Aluminium		
Warranty	5 years			5 years			5 years		

*depends on CCT & CRI

LUMENIA LIGHT SMARTER

is a smart decision for the future



**Sustainable
Environment**



**Energy
Savings**



ROI



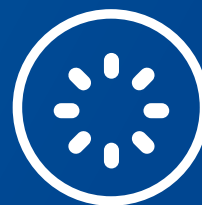
**5-year
Warranty**



**Labour
Efficiency**



**High
Performance**



Dimmable



**Low
Maintenance**



**Longer
Lifetime**



**Designed and
Manufactured in EU**

January 2020

