# GENERAL CATALOGUE

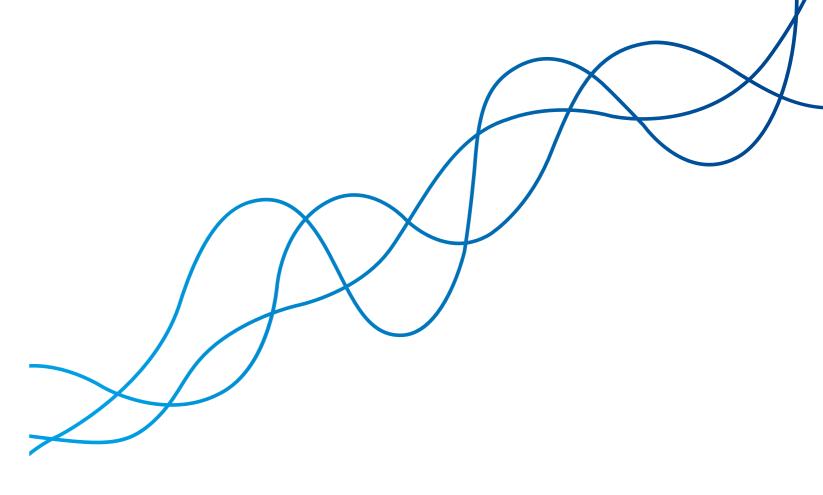














We design and manufacture professional lighting systems for indoor and outdoor.

With our lighting knowledge, years of experience and wide range of products you get a partner that does not dissapoint and delivers on its promise. Our focus in placed on design, highest efficacy, innovativeness and care for the environment.

Our product portfolio consists of LED lights for street, industrial, interior and outdoor lighting, solar lights and various wireless systems for energy management and control.

### Sustainability at our core

Serving the lighting industry for more than a decade, our aim from the beginning has been to make people's lives more enjoyable, businesses more productive and energy efficient, while also trying to make the world more sustainable. We try to achieve this by designing and manufacturing products of high-quality, modern design, environmentally friendly and with low power consumption. We only manufacture luminaires with LED light sources, LEDs being the most energy-efficient light source for luminaires.

As a business with a presence on various markets, we are required to comply with a number of different standards and dimensions, such as ISO, LM, EN, which we fully implement.

We are continuously improving workplace conditions for a more content, healthier and productive workplace. Our efforts to ensure a clean environment, efficient energy management and appropriate living conditions for future generations are merged into the environmental and energy management systems complying with the ISO 14001, 9001 and ISO 50001 requirements.

Our culture is supported and enriched by the diversity of our employees and their experiences. By applying the principles of trust, honesty, respect, integrity and commitment, we nurture and maximise talent to the benefit of each individual and the company.

Responsible conduct is at all levels in the highest priority.

### **Our advantages**

1

In-house R&D with photometric and EMC laboratory

2

1.000m<sup>2</sup> of SMD assembly line and 3.500m<sup>2</sup> of production facility (mainly for LED products); Products made in Slovenia-Export financing

3

Strategic geo location (only 160 km to the Port of Koper)

4

Individual project-based business orientation

5

Strong partnership network in the field of smart lighting

6

Established EU brand (exhibiting at Light+Building for many years)

### STREET LIGHTING

### INTERIOR LIGHTING





### INDUSTRIAL LIGHTING



### HUMAN CENTRIC LIGHTING





### OUTDOOR LIGHTING





### STREET LIGHTING



#### **E LUM**

Modern design that allows natural air circulation and extends the lifetime of the lamp due to excellent heat dissipation.



#### **E LUM SOLAR GEN 2**

The solar-powered street lighting system is characterized by low installation costs in areas without a public electricity network.



#### **S LUM GEN 2**

Innovative energy efficient luminaire that offers toolless access, modular design and 12 different optics.



#### **S LUM MINI**

Small in size, but extremely powerful and effective in illuminating footpaths, streets and parking lots.



#### **U LUM**

The futuristic shape of the lamp complements the aesthetic image of the city, while lower electricity consumption reduces the impact on the environment.



#### **TLUM**

The retrofit module is a great solution for districts that want to update existing lighting while maintain a traditional look.







	E LUM	E LUM SOLAR GEN 2	S LUM GEN 2	S LUM MINI	U LUM	T LUM	
System efficacy	Up to 140 lm/W	Up to 137 lm/W	Up to 152 lm/W	Up to 159 lm/W	Up to 130 lm/W	Up to 80 lm/W	
CRI	>70,>80 upon request	>70, >80 upon request	>70,>80 >70,>80 upon request upon request		>80	<b>≽</b> 70	
Power	E LUM 1: 10 to 80 W E LUM 2: 80 to 190 W	10, 20, 30 W	S LUM 1: 30-55 W 10, 20, 30 W S LUM 2: 60-135 W		10, 25, 40 W	15, 20 W	
Luminous flux	1,450-24,000 lm	1,376-4,008 lm	4,150-20,120 lm	1,590-4,580 lm	1,300-5,200 lm	1,104-1,522 lm	
сст	4000K; others upon request	2700K, 3000K, 4000K; other upon request	2700K, 3000K, 4000K; other upon request	2700K, 3000K, 4000K; other upon request	3000K, 4000K; others upon request	3000K, 4000K	
Electrical / Appliance class	Class I, Class II	Class II	Class I, Class II	Class I, Class II	Class I, Class II	Class II	
Protection class	IP 66	IP 66 (Battery box, IP 42)	IP 66 IP 66		IP 66	IP 65	
Mechanical class	IK 09	IK 08	IK 09	IK 09	IK 09	/	
Surge protection options	10 kV / 6 kV; additional SPD 10 kV / 10 kA	/	10 kV / 6 kV; additional SPD 10 kV / 10 kA	10 kV / 6 kV; additional SPD 10 kV / 10 kA	10 kV	Additional 10 kV / 10 kA	
Operating temperature	-40°C to +55°C	-20°C to +50°C	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C	
Options	NEMA socket, mounting adapters, SPD device	Mounting adaptor, PV Module, Bluetooth module	SPD, PLC, RF, Nema Ready, Lightswitch	NEMA socket, mounting adapters, SPD device	Mounting adapters, SPD device	/	
Remote management	PLC or RF, DALI or 1-10V	Bluetooth	PLC or RF, DALI or 1-10V	Optional RF or PLC	PLC, RF or Bluetooth	/	
Lifetime	L80B10 > 65,000 h L90B10 > 100,000 h (Premium)	Battery: 3,000 cycle	L80B10 > 100,000 h L90B10 > 100,000 h (Premium)	L80B10 > 100,000 h	L80B10 > 65,000 h	L80B10 > 50,000 h	
Advisable installation height	Up to 16m	From 3–4m	Up to 15m	Up to 6m	Up to 6m	Up to 4m	
Applicability	Streets, urban areas, roads, motorways, parking areas, pedestrian crossings.	Bikeways, off-grid, parks, parking areas, residental areas, urban areas, bus stops	Streets, urban areas, roads, motorways, parking areas, pedestrian crossings	Streets, urban areas, roads, motorways, parking areas	Urban areas, park/gardens, residential areas, pedestrian paths, parking areas	Parks/gardens, residential areas, pedestrian paths	
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	

### INDUSTRIAL LIGHTING



#### **G** LUM

It boasts an ultra-lightweight design and a new revolutionary diffuser technology that provides pleasant lighting in places where it is needed.



#### **H LUM**

The innovative optical solution contributes to above-average brightness and exceptional efficiency, especially suitable for high ceiling installations.



#### **L LUM**

Our thinnest linear luminaire with built-in AC power supply that allows easy installation with connecting elements.



#### **Q LUM**

A unique industrial luminaire that provides a high level of protection against dust and water intrusion.



#### **W LUM**

Due to its highly effective protection against the intrusion of dust, pollutants and water, this lamp is an excellent choice for dusty and damp rooms.



#### **M LUM**

Energy efficient, low maintenance system and an alternative to traditional linear fluorescent lighting.



#### **H LUM ROUND**

Durable and highly effective industrial LED light for high ceiling installation. It is an ideal solution for spaces which require high illumination but minimum maintenance.









	G LUM	H LUM	L LUM	Q LUM	W LUM	M LUM	H LUM ROUND
System efficacy	Up to 154 lm/W	Up to 149 lm/W	Up to 129 lm/W	Up to 150 lm/W	Up to 145 lm/W	Up to 160 lm/W	Up to 160 lm/W
CRI	>80	>80	≽80	≽80	≽80	≽80	80
Power	18, 36, 53, 60 W	60, 75, 95, 110, 120, 130, 135, 150, 170, 180, 220, 260, 290 W	20, 40 W	35, 55, 70 W	21, 23, 28, 39, 47 W	35, 55, 70 W	120, 150, 200 W
Lumious flux	2,501-9,180 lm	8,740- 42,100 lm	2,580-5,160 lm	4,900- 10,500 lm	2,600- 6,900 lm	5,600- 11,200 lm	19,150- 31,450 lm
ССТ	4,000K, 5,700K upon request	4,000K, 5,700K optional	4,000K	4,000K	4,000K	4,000K; others optional	4,000K
Protection class	IP 64 / IP 65	IP 65	IP 65	IP 65 / 66 (optional)	IP 66	IP 42	IP65
Mechanical class	IK 09	IK 08	IK 10	IK 08	/	/	IK 08
Operating temperature	-20°C to +50°C	-30°C to +55°C	-20°C to +40°C	-10°C to +35°C	-20°C to +35°C	-20°C to +60°C	-30°C to +50°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	DALI optional, bracket for direct mounting, possibility of bracket for hanging mounting	Bracket for direct mounting, possibility of bracket for hanging mounting	Bracket for direct mounting, possibility of bracket for hanging mounting	Mounting accessories for direct mounting, possibility of hanging mounting, Motion sensor
Lifetime	L80B10 > 80,000 h	L80B10 > 60,000 h	L70B10 > 50,000 h	L70B50 > 60,000 h	L70B50 > 50,000 h	L80B10 > 89,000 h	L80B10 > 60,000 h
Applicability	Low bay lighting, production facilities, garages, retail, educational establishment, working stations, warehouses	High bay lighting, warehouses, industrial, indoor sport venues, retail	Low bay lighting, garages, warehouses, retail, production facilities	Low bay light- ing, garages, warehouses, working stations, production facilities	Garages, production facilities, low bay lighting, warehouses, working stations	Warehouses, production facilities, retail, offices, schools	High bay lighting, distribution centers, production facilities, warehouses and sports halls
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years



### INTERIOR LIGHTING



design of traditional office lights and state-of-the-art technology for the best user experience.





#### **R LUM**

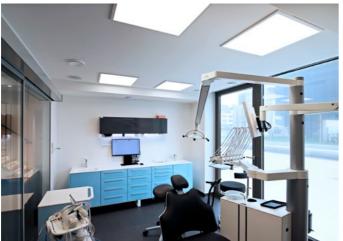
Ceiling lamp that provides optimal lighting and requires little maintenance.



#### **DLUM GEN 3**

It provides pleasant lighting with low glare and easy installation.









#### **SCREEN**

It complies with all applicable standards and regulations regarding operation in very clean rooms, which require easy cleaning and prevent the ingress of dust.



Made of high quality materials,

it allows easy installation and

extremely consistent lighting.

#### **R LUM WALL**

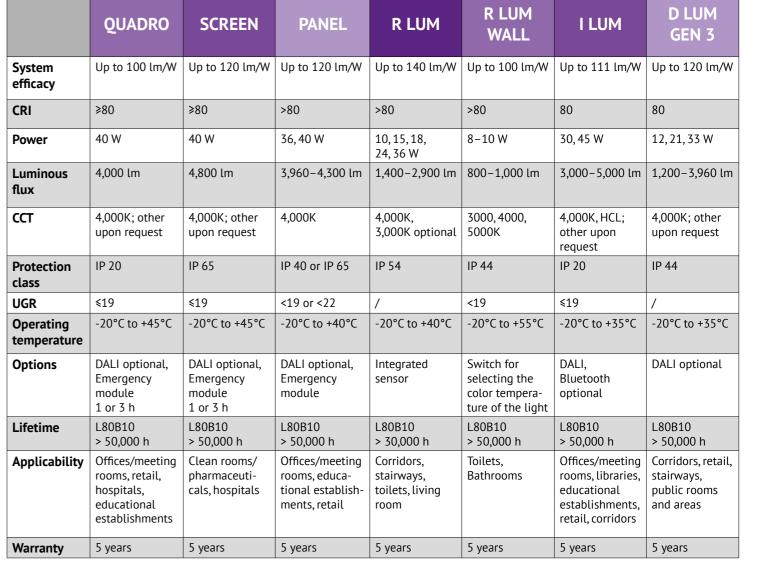
Wall lamp for indoor lighting that provides optimal lighting and requires simple installation and little maintenance.



#### **ILUM**

**PANEL** 

Versatile linear light of top performance, which brings elegance and minimalism to any room.





### HUMAN CENTRIC LIGHTING





#### **SKY LUM PENDANT**

Comes from our first line of products for Human Centric Lighting, which balances visual, emotional and biological human needs with appropriate and precise lighting.



#### **SKY LUM WALL**

Comes from our first line of products for Human Centric Lighting, which balances visual, emotional and biological human needs with appropriate and precise lighting.



#### **SKY LUM ROUND**

Modern lamp with direct and indirect lighting, which gives an elegant look to any room.



#### **SKY LUM CEILING**

Comes from our first line of products for Human Centric Lighting, which balances visual, emotional and biological human needs with appropriate and precise lighting.



#### **ILUM**

Versatile linear light of top performance, which brings elegance and minimalism to any room.



#### **SKY LUM STAND**

High-quality floor lamp with Human Centric Lighting and other smart functions that provide a pleasant experience for the user.







	SKY LUM Pendant	SKY LUM Wall & Ceiling	SKY LUM ROUND	I LUM	SKY LUM STAND	
System efficacy	Up to 104 lm/W	Up to 94 lm/W	Up to 100 lm/W	Up to 100 lm/W	Up to 115 lm/W	
CRI	>85 at 3,000K; >90 at 5,500K; >85 at 4,000K	>90 at 5,000K; >85 at 4,000K	>85 at 2,700K; >85 at 4,000K; >85 at 5,400K	>80 at 2,400K; >80 at 4,000K; >80 at 5,700K	>80 at 3,000K; >80 at 4,000K; >80 at 6,000K	
Power	50 W	21 W	40 W	30,45 W	75 W up / 25 W down	
Luminous flux	5,105 lm	1,980 lm	4,000 lm	3,000-4,500 lm	9,500 lm up / 2,500 lm down	
ССТ	Tunable from 3,000 K to 5,500 K, 4,000 K	5,500 K, 4,000 K	Tunable from 2,900 K to 5,400 K	Tunable from 2,400 K to 5,700 K	Tunable from 3,000 K to 6,000 K	
Protection class	IP 54	IP 54	IP40	IP20	IP20	
UGR	≤16	<16	<19	<19	<14	
Operating temperature	-20°C to +45°C	-20°C to +45°C	-20°C to +45°C	-20°C to +35°C	-20 C° to +45 C°	
Options	DALI, DALI DT8, Bluetooth	DALI or DALI DT8	DALI or DALI DT8	DALI, Bluetooth	Control switches on lamp stand, daylight sensor, motion sensor	
Lifetime	L80B10 > 50,000 h	0B10 > 50,000 h L80B10 > 50,000 h		L80B10 > 50,000 h	L80B10 > 50,000 h	
Applicability	Offices/meeting rooms, medical facilities and residential care, corridors & stairways, educational establishments, hair & beauty salon	Offices/meeting rooms, medical facilities and residential care, corri- dors&stairways, educa- tional establishments, hair&beauty salon	Offices/meeting rooms, medical facilities and residential care, corridors&stairways, educational establishments, hair&beauty salon	Offices/meeting rooms, libraries, class-rooms, shops, lobbies	Offices/meeting rooms, educational establishments, libraries	
Warranty	5 years	ars 5 years		5 years	5 years	



### OUTDOOR LIGHTING



**F LUM**A high power outdoor luminaire used to illuminate large areas.



F LUM MIDI
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.









	F LUM		F LUM MIDI			F LUM MINI				
Supply voltage	220-240 VAC			220-240 VAC			220-240 VAC			
System power	600 W	900 W	1200 W	200 W	250 W	300 W	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	3,600 to 6,000 lm	9,680 to 12,100 lm	Up to 18,000 lm	
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 123 lm/W	Up to 121 lm/W	Up to 120 lm/W	
CRI	>70, other upon request		>70, other upon request			>70, other upon request				
Standard CCT	4,000K, 5,000K, 5,700K; other CCT upon request		4,000K; other CCT upon request		4,000K; other CCT upon request					
Number of different optics	4		3		1					
Lifetime	L80B10 > 85,000 h			L70B10 > 50,000 h			L70B10 > 50,000 h			
Communica- tion protocol	DALI optional			DALI optional			/			
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				
Applicability	Stadiums, industrial, airports, harbors, squares, parking areas			Building exterior, parking areas, small&medium sized sport fields, billboards  Facades&building exterior, or parking areas, billboards			as stations,			
Warranty	5 years			5 years 5 years						



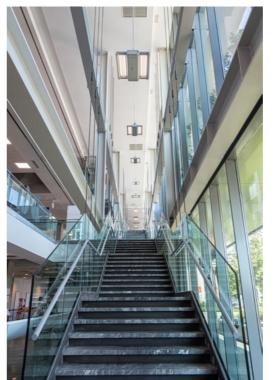
## ALSO OUR WORK







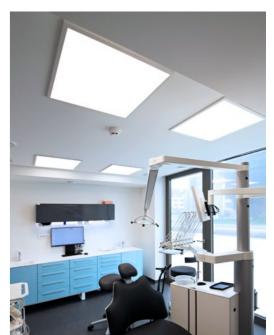














LUMENIA d.o.o.,
Kandrše 7, 1252 Vače, Slovenia
Tel: +386 3 567 07 96,
e-mail: info@lumenia.com
www.lumenia.com

