

# TESLA

better lighting

# LED LIGHTING CATALOGUE

A nighttime photograph of a city street. The scene is dominated by a large, modern building with a curved facade and a glass-enclosed section, illuminated with warm yellow and green lights. The building's top is crowned with a large, illuminated, spherical sculpture made of thin, radiating lines. To the left, a more traditional, multi-story building with a pointed roof is visible. The street is dark, with light trails from moving vehicles and traffic lights. The overall atmosphere is urban and modern.



# CUSTOMIZED LIGHTING IN 6 STEPS

## 1 SITUATION ANALYSIS

We will come, analyze, measure, and advise.

## 2 LIGHT STUDY

We will prepare a lighting study and a complete lighting design.

## 3 PROJECT PROPOSAL

We will prepare a project proposal, including a return and management study.

## 4 REALIZATION

We will professionally install, deliver and train you.

## 5 MONITORING

We will help with optimization and provide support.

## 6 SERVICE

We will take care of maintenance and service.

**WE WILL HELP YOU REDUCE OPERATING COSTS BY SAVING WITH LED LIGHTING**

WE PROVIDE LIGHTING PROJECTS FOR PRODUCTION HALLS, OFFICES, PUBLIC LIGHTING, INDUSTRIAL FACILITIES, INTERNAL AND OUTDOOR, AND MANY OTHER...

FOR MORE INFORMATION ON CUSTOM LIGHTING, SEE PAGE 52

# TESLA

better lighting

## THE BRAND'S ORIGINS DATE BACK TO 1921 WE ARE ONE OF THE LEADING MANUFACTURERS OF LED LIGHTING

In that year, the company entered the Czech market under the name Elektra. In 1932, Elektra was taken over by Philips, and the company's attention turned to the development of radio receivers. After the war, light bulbs were added to the product range. Subsequently nationalized, the company changed not only its owner but also its name, and under the TESLA brand, referring to the Croatian visionary (Nikola Tesla), it began manufacturing transistors, and later the first televisions.

After 1989, only light sources were manufactured here for a limited period of time. In 2012, a Czech company—under the licensed name TESLA Lighting—began selling its own modern LED sources and lighting fixtures in the place where TESLA was originally founded, namely in Prague's Holešovice district.

TESLA Lighting is a Czech brand and ranks among the leading innovative companies on the market. Thanks to its strong emphasis on development in its own laboratories, it offers the most advanced LED light sources on the market after testing them in specialized testing facilities. At the same time, it systematically checks production quality directly in factories.

The TESLA Lighting assortment covers modern LED light sources for households and professional use, especially light bulbs, tubes, recessed and ceiling lights, reflector and industrial LED light sources including high-bay, public lighting fixtures, triproof fixtures with a higher level of protection.





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- 10 HIGH-BAY HEAVY DUTY
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# HOW TO CHOOSE LED LIGHTING



ONLINE INFO

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## CLASSIC BULBS

input power    luminous flux

40 W            470 lm

60 W            806 lm

75 W            1055 lm

100 W           1521 lm

132 W           2100 lm



## TESLA LED BULBS

input power    luminous flux

3 W              470 lm

9 W              806 lm

12 W             1055 lm

15 W             1521 lm

17 W             2100 lm

## color temperature of light

K = Kelvin

warm white

daylight

cold light



2500 K    3000 K    3500 K    4000 K    4500 K    5500 K    6000 K    6500 K    7000 K    7500 K    8000 K

## luminous flux

lm = Lumen



100 lm



250 lm



500 lm



750 lm



1000 lm



1250 lm



1500 lm



1750 lm



2000 lm



2250 lm

←  
low -

luminosity

→  
+ high





# TESLA PROFESSIONAL

- 08** HIGH-BAY
- 10** HIGH-BAY HEAVY DUTY
- 12** T8 LED TUBES AND DUSTPROOF LUMINAIRES
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## HIGH-BAY

High-bay luminaires are designed to deliver maximum light output, long service life, and efficient operation in industrial and commercial facilities with high ceilings. The robust aluminum housing with optimized passive cooling ensures reliable heat dissipation and cost-effective performance, even under continuous operation. Thanks to advanced LED technology, the luminaires achieve high efficacy of up to 160 lm/W while maintaining excellent lighting quality and uniform illumination.

- Efficient passive cooling for extended lifetime
- Multiple suspension and mounting options
- Dimmable versions available: 1-10 V / DALI
- Low glare rating (UGR)
- Various beam angles available with reflectors: 60°, 70°, 90°, and 110°

# HIGH-BAY



ONLINE INFO



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A

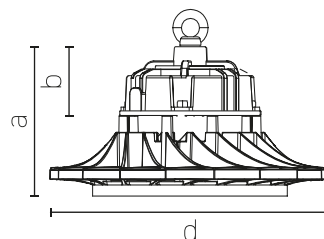


B

TYPE	CODE	EAN	W	lm	K		PF	a [mm]	b [mm]	∅ d [mm]	
A	IL261050-6CHED	8596238002067	100	16000	5000	110	1 - 10 V	140	62	260	2180
A	IL261540-6CHED	8596238003040	150	24000	4000	110	1 - 10 V	140	62	260	2530
A	IL261550-6CHED	8596238002074	150	24000	5000	110	1 - 10 V	140	62	260	2530
A	IL282040-6CHED	8596238003057	200	32000	4000	110	1 - 10 V	146	62	280	3200
A	IL282050-6CHED	8596238002081	200	32000	5000	110	1 - 10 V	146	62	280	3200
A	IL261040-6CHEDA	8596238004030	100	16000	4000	110	DALI	140	62	260	2440
A	IL261540-6CHEDA	8596238004047	150	24000	4000	110	DALI	140	62	260	2820
A	IL282040-6CHEDA	8596238004054	200	32000	4000	110	DALI	140	62	280	3440
A	IL313050-4CHED*	8596238004023	300	42000	5000	120	1 - 10 V	177	115	320	5420
B	IL2860-100-3CCT-15CHED	8596238007543	60-80-100	9600-12800 -16000	4000-5000-5700	90	1 - 10 V	125	62,5	280	1900
B	IL28120-200-3CCT-15CHED	8596238007550	120-150-200	19200-24000 -32000	4000-5000-5700	90	1 - 10 V	125	62,5	280	1900
B	IL281540-15CHEDA	8596238007567	150	24 000	4000	90	DALI	125	62,5	280	1900

\* Operating temperature -20°C to +50°C

V 230 Hz 50 CRI 80 IP 65 T<sub>a</sub> -20°C to +45°C t<sub>amb</sub> 80 000 Energetic class D





## HIGH-BAY HEAVY DUTY

These luminaires are designed for demanding industrial environments where reliability, durability, and long service life are essential. The robust construction, combined with an efficient cooling system, ensures stable operation even in high-temperature conditions of up to +80 °C. The modular design allows for easy maintenance and efficient cleaning. Advanced LED technology also contributes to significant energy savings and cost-effective operation.

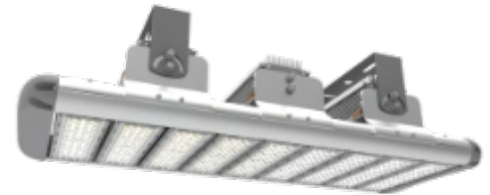
- Robust construction
- Operating temperature up to +80 °C
- Modular design for easy maintenance
- Efficient heat dissipation
- Energy-efficient and cost-effective operation

# HIGH-BAY HEAVY DUTY



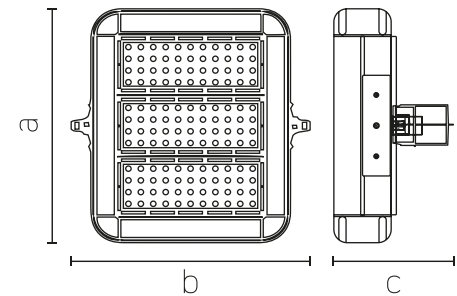
ONLINE INFO

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CODE	EAN	W	lm	K			a [mm]	b [mm]	c [mm]	
ILHT270540-80-110	8596238004795	50	6 000	4000	20 - 110*	1 - 10 V / DALI	366	273	245	7 900
ILHT301040-80-110	8596238004801	100	12 000	4000	20 - 110*	1 - 10 V / DALI	366	308	245	8 700
ILHT401540-80-110	8596238004818	150	18 000	4000	20 - 110*	1 - 10 V / DALI	366	402	245	10 300
ILHT502040-80-110	8596238004825	200	24 000	4000	20 - 110*	1 - 10 V / DALI	366	496	245	11 550
ILHT683040-80-110	8596238004832	300	36 000	4000	20 - 110*	1 - 10 V / DALI	366	684	245	20 000
ILHT974540-80-110	8596238004849	450	54 000	4000	20 - 110*	1 - 10 V / DALI	366	966	245	27 000

\* The beam angle differs from the used optics - 20°, 30°, 50°, 90°, 110°



V 230 Hz 50 CRI 80 IP 66 T<sub>a</sub> -40°C to +80°C t<sub>90</sub> 75 000 Energetic class E



## **T8 LED TUBES DUSTPROOF LUMINAIRES**

T8 LED tubes are a modern replacement for traditional fluorescent tubes, offering energy savings of up to 50%. Equipped with high-quality SMD chips, they achieve high efficacy of up to 160 lm/W and provide stable light output throughout their lifetime. The opal diffuser ensures uniform, glare-free illumination. Dustproof luminaires are designed for industrial and commercial applications where durability, reliability, and easy installation are essential. Their construction is lightweight yet mechanically robust, making them suitable for long-term operation in demanding environments.

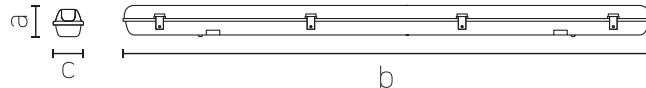
- Direct replacement for fluorescent tubes
- High efficacy of up to 160 lm/W
- Uniform, glare-free illumination
- Dustproof and durable construction
- Suitable for industrial and commercial applications
- Easy installation and long service life

# T8 LED TUBES DUSTPROOF LUMINAIRES



ONLINE INFO

**TESLA**  
better lighting



## LED TUBES

	CODE	EAN	W	lm	K		PF		a [mm]	∅ d [mm]	
Profi	T8121840-4-SE	8596238004412	18	2 880	4000	120	0,95	-	1 200	28	200
Profi	T8121850-4-SE	8596238004429	18	2 880	5000	120	0,95	-	1 200	28	200
Profi	T8152440-4-SE	8596238004436	24	3 840	4000	120	0,95	-	1 500	28	280
Profi	T8152450-4-SE	8596238004443	24	3 840	5000	120	0,95	-	1 500	28	280
Hobby	T8060940-1HB-G	8596238005495	9	900	4000	240	0,5	-	600	28	93
Hobby	T8121840-1HB-G	8596238005501	18	1 850	4000	240	0,5	-	1 200	28	172
Hobby	T8152240-1HB-G	8596238005518	22	2 250	4000	240	0,5	-	1 500	28	221

V 230 Hz 50 CRI 80 T<sub>a</sub> -20°C to +45°C Energetic class Profi D | Hobby F IP 20

## DUST-PROOF LIGHTS (CASE FOR TUBES)

CODE	EAN	a [mm]	b [mm]	c [mm]	
TP121800-3C	8596238001923	85	1 260	65	1 150
TP123600-4C	8596238007703	88	1 266	64	1 120
TP152400-2C	9009789005979	85	1 580	85	1 560
TP154800-3C	8596238001947	90	1 580	115	1 650

A photograph of an industrial ceiling featuring a complex network of blue and red pipes, white metal trusses, and several long, white LED light fixtures. The perspective is looking upwards, highlighting the structural elements and the lighting system.

## LED LIGHTS TRIPROOF

Triproof LED lights are designed for demanding environments where high resistance to dust, moisture, and mechanical impact is required. With an IP66 rating and IK08 impact resistance, they are suitable for the most demanding applications. Modern LED technology ensures high efficiency of up to 130 lm/W and a long service life of up to 80,000 hours.

- High levels of durability
- High efficiency of up to 130 lm/W
- UV-stable polycarbonate housing
- Long service life

# LED LIGHTS TRIPROOF



ONLINE INFO

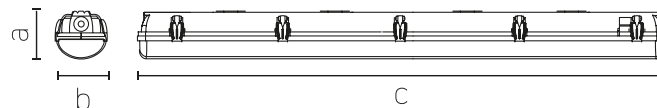
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CODE	EAN	W	lm	K		PF		a [mm]	b [mm]	c [mm]	
TP124040-6F	8596238001428	40	5 200	4000	120	0,95		80	98	1 220	1 740
TP124040-6F-160-1	8596238007871	36	5 760	4000	120	0,95		80	72	1 220	1 660
TP156040-6F-160-1	8596238007888	56	8 960	4000	120	0,95		80	72	1 520	3 020
TP124040-6F-DA	8596238005532	40	5 200	4000	120	0,95		80	98	1 220	1 820
TP156040-6F-DA	8596238005549	60	7 800	4000	120	0,95		80	98	1 520	2 280
TP124040-6F-EM	8596238005556	40	5 200	4000	120	0,95		80	98	1 220	1 950
TP156040-6F-EM	8596238005563	60	7 800	4000	120	0,95		80	98	1 520	2 420

EM - Product is equipped with emergency module.

DA - DALI control



V 230 Hz 50 CRI 80 IP 66 T<sub>a</sub> -20°C to +50°C t<sub>m</sub> 80 000 Energetic class F

# LED PANELS



LED panels provide an elegant and energy-efficient lighting solution for both modern and traditional interiors. Thanks to their uniform backlighting and opal diffuser, they ensure homogeneous light distribution without visible LED hotspots, contributing to excellent visual comfort. Their ultra-slim design allows for easy integration into suspended ceilings or surface mounting on walls.

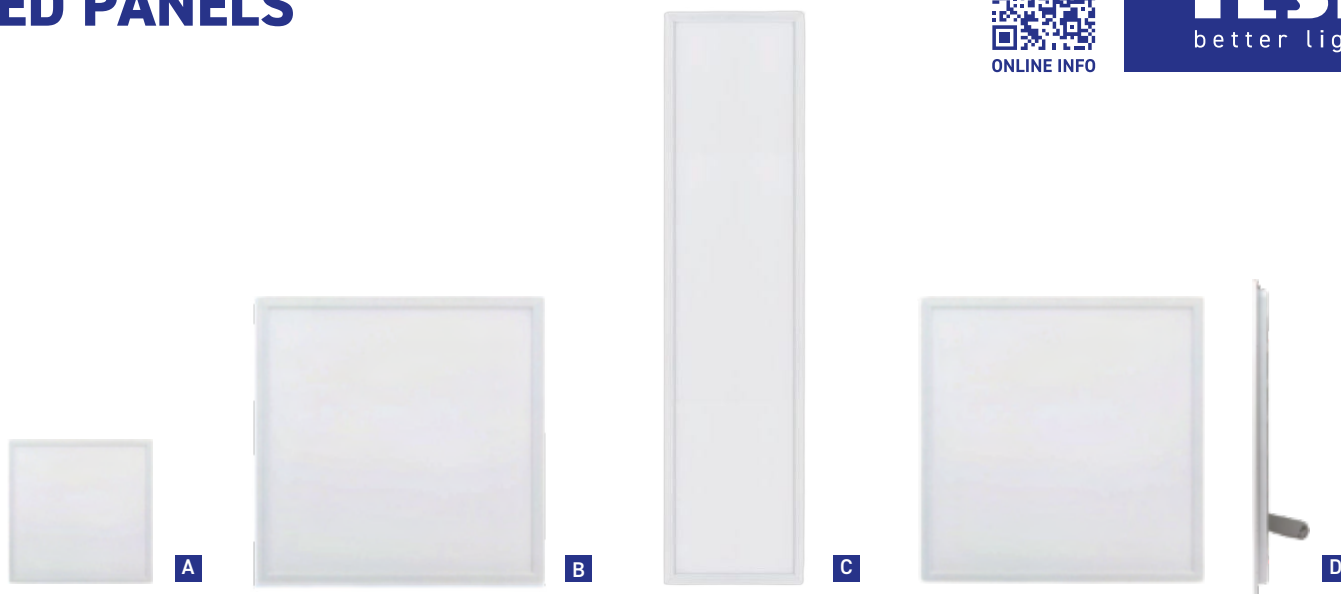
- Ultra-slim modern design
- Uniform, glare-free illumination
- High-quality PMMA diffuser
- Easy installation
- Suitable for offices, commercial spaces, and public buildings
- High visual comfort and efficient operation

# LED PANELS



ONLINE INFO

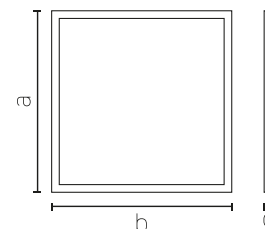
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TYPE	CODE	EAN	W	lm	K		IP	a [mm]	b [mm]	c [mm]	
A	LP332030-9	8596238000605	20	1800	3000	120	20	295	295	9	1350
B	LP664040-2	8596238004061	40	4000	4000	120	40	595	595	9	2100
B	LP6642SM-2SU*	8596238004085	42	3780	3000/4000	120	20	595	595	32	2100
B	LP664040-2UGR*	8596238005570	40	4000	4000	120	40	595	595	9	2300
C	LP314030-9	8596238000674	40	3600	3000	120	20	1195	295	9	2100
C	LP314040-2	8596238004078	40	4000	4000	120	40	1195	295	9	1940
D	LP66PR40-2BL*	8596238005587	30	4500	4000	120	40	595	595	28	1740
D	LP663040-180-BL*	8596238007918	24-26-28-30	4320-4680-5040-5400	4000	120	40	595	595	28	1800

\* Dimming control using the Tuya mobile app

\* Type with UGR<19



V 230 Hz 50 CRI 80 T<sub>o</sub> -20°C to +40°C t<sub>90</sub> 50 000 Energetic class F/D PF 0,9



## LED FLOODLIGHTS

LED floodlights provide an energy-efficient and reliable solution for powerful illumination of both outdoor and indoor areas. They deliver high light output with significantly lower energy consumption, long service life, and stable performance even in demanding conditions. Their compact and lightweight design ensures easy installation and handling, making them an ideal choice for construction sites, workshops, industrial facilities, and gardens.

- Suitable for both outdoor and indoor applications
- Easy installation and handling
- Durable and robust construction
- Efficient heat dissipation

# LED FLOODLIGHTS



**TESLA**  
better lighting



A



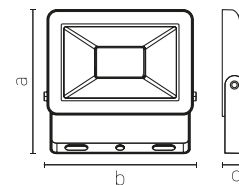
B




C



D



TYPE	CODE	EAN	W	lm	PF	IP	a [mm]	b [mm]	c [mm]	 g
A	FL3920040-HB-1	8596238005341	200	22 000	0,9	65	271	390	47	2934
A	FL2810040-HB-1	8596238005334	100	11 000	0,9	65	211	285	30	1260
B	FL101040-HB-2-PIR	8596238005358	10	1 000	0,5	44	153	165	88	220
B	FL122040-HB-2-PIR	8596238005365	20	2 000	0,7	44	153	165	88	260
B	FL143040-HB-2-PIR	8596238005372	30	3 000	0,9	44	185	187	93	350
C	FL122040-HB-BR-2	8596238005464	20	2000	0,7	65	120	140	80	818
C	FL195040-HB-BR-2	8596238005471	50	5000	0,9	65	300	260	55	1174
D	FL195040-HB-2	8596238005389	50	5000	0,9	65	219	210	58	470

V 230 Hz 50 CRI 80 K 4000 T<sub>a</sub> -20°C to +45°C t<sub>b1</sub> 25 000  Energetic class F



## **PROFESSIONAL LED FLOODLIGHTS**

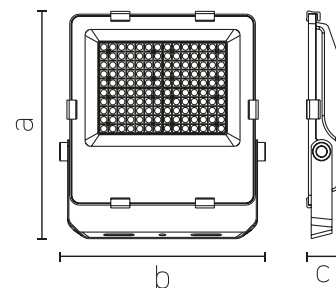
Professional LED floodlights are designed for applications requiring high light output, long service life, and reliable performance in demanding environments. They are ideal for illuminating small sports facilities, industrial sites, building façades, parking areas, billboards, and other large outdoor spaces. Thanks to the availability of various optical distributions, the floodlights can be tailored to specific lighting requirements and light distribution needs.

- High light output
- Various optical distributions available
- Robust and durable construction
- Long service life

# PROFESSIONAL LED FLOODLIGHTS



**TESLA**  
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TYPE	CODE	EAN	W	lm	K		a [mm]	b [mm]	c [mm]	
A	FL432040-8UN90	8596238004474	200	30 000	4000	90	389	430	63	4 500
B	FL461540-8P30	8596238004498	150	21 000	4000	*	320	461	69	5 100
B	FL462040-8P30	8596238004504	200	28 000	4000	*	320	461	69	5 800
B	FL532440-8P30	8596238004788	240	33 600	4000	*	440	534	69	5 600
B	FL533040-8P30	8596238005785	300	42 000	4000	*	534	440	69	11 000
C	FL504030-1*	8596238007758	400	68 000	3000	90	496	441	65	9 600
C	FL504040-1*	8596238007741	400	68 000	4000	90	496	441	65	9 600

\*Adjustable power 160/240/320/400 W, 170 lm/W

V 230 Hz 50 CRI 70 IP 66 T<sub>a</sub> -20°C to +50°C t<sub>50</sub> 80 000 PF 0,95 Energetic class D



## **STREET LIGHTING**

Modern street lighting is a key element of safe and efficient urban and municipal infrastructure. Advanced LED technology ensures high luminous efficacy, low energy consumption, and a long service life while minimizing maintenance requirements. The luminaires are designed with a focus on reliability, durability, and efficient light distribution. Thanks to their modern design and smart control capabilities, the lighting system can be tailored to the specific requirements of each project.

- High efficacy and low energy consumption
- Long service life
- Uniform light distribution
- Durable and robust construction

# STREET LIGHTING



**TESLA**  
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TYPE	CODE	EAN	W	lm	K	$\Delta$	PF	CRI		a (mm)	b (mm)	c (mm)	
A	SL533040-6HE	8596238001060	30	4050	4000	120	65	80		530	250	100	2540
A	SL536040-6HE	8596238001077	60	8100	4000	120	65	80		530	250	100	2900
B	SL658040-6HE	8596238001107	80	10800	4000	120	65	80		650	250	120	3820
B	SL651040-6HE	8596238001091	100	12000	4000	120	65	80		650	250	120	3820
C	SL533030-6-FLEX	8596238004528	30	4350	3000	80x155	65	80		496	191	79	2970
C	SL536030-6-FLEX	8596238004535	60	8700	3000	80x155	65	80		496	191	79	2970
C	SL658030-6-FLEX	8596238004542	80	11200	3000	80x155	65	80		496	191	79	2970
C	SL651030-6-FLEX	8596238004559	100	14000	3000	80x155	65	80		610	236	79	4180
D	SL537527-1*	8596238007604	75	10500	2700	80x155	66	80		533	196	113	3300
E	SL537527-1B*	8596238007598	75	10500	2700	80x155	66	80		533	196	113	3300
F	SL510527-8SOL	8596238007017	50	4500	2700	100	65	70		513	248	80	16000

\*10 year warranty

V 230 Hz 50 PF 0,95 T<sub>a</sub> -20°C to +45°C t<sub>tot</sub> 80 000



Emergency lighting is an essential part of every building, ensuring the safe movement of occupants during power outages or emergency situations. Our luminaires provide reliable and long-lasting illumination of escape routes, stairways, corridors, and public areas, in compliance with current safety standards and regulations. Thanks to energy-efficient LED technology, they offer a long service life, low power consumption, and easy maintenance.

## **EMERGENCY LIGHTING**

# EMERGENCY LIGHTING



ONLINE INFO

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A



B



C

TYPE	CODE	EAN	W	lm	K		IP	CRI	a [mm]	b [mm]	c [mm]	
A	EL300350-1	8596238002920	3	200	5000	110	65	70	62	340	105	1200
B	TP124040-6F-EM	8596238005556	40	5200	4000	120	66	80	80	98	1220	1950
B	TP156040-6F-EM	8596238005563	60	7800	4000	120	66	80	80	98	1520	2420
C	DL121560-1EM	8596238007963	1,5	220	6000	45/125/155	20	70	120	120	41	220

A B C

Up to three hours of operation in emergency mode

V 230 Hz 50



## TRUNKING LIGHTING SYSTEM

Trunking lighting systems provide a flexible and efficient lighting solution for industrial, warehouse, and commercial applications where adaptability, easy installation, and intelligent lighting control are essential. The modular design allows the system length, luminaire layout, and configuration to be easily customized to meet specific project requirements, while also enabling future expansion and modifications with minimal effort.



## NAME

1. Acrylic shield (reflector) for HIGH BAY
- 2, 3. Aluminum shield (reflector) for HIGH BAY
4. SL\_Adapter - for street lighting
5. Power supply (driver) for LED panels 850mA
6. Starter LED-T8 for hobby LED tubes
7. Mounting frame for LED panels 300x300
7. Mounting frame for LED panels 600x600 (also for backlits)
8. Mounting frame for LED panels 300x600
8. Mounting frame for LED panels 300x1200
9. Suspension cables for LED panels
10. Mounting bracket (Z) for LED panels





# TESLA HOME

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- 48** CAMPING LIGHTS

# LED BULBS E27



TYPE	CODE	EAN	W		lm	K		lm/W		h [mm]	d [mm]	
G	BL270227-A1	8596238005273	2	37	420	2700	360	210		105	60	34
G	BL270240-A1	8596238005280	2	37	420	4000	360	210		105	60	34
G	BL270427-2	9009789004859	4,2	40	470	2700	360	112		105	60	27,4
G	BL270427-A1	8596238005242	4	62	840	2700	360	210		105	60	34
G	BL270440-1	8596238005075	4,2	40	470	4000	360	112		105	60	27,4
G	BL270440-A1	8596238005259	4	62	840	4000	360	210		105	60	34
G	BL270465-A1	8596238005266	4	62	840	6500	360	210		105	60	34
A	BL270530-8	8596238003538	4,5	42	470	3000	180	104		100	55	59
A	BL270540-8	8596238003545	5	42	500	4000	220	100		102	55	59
A	BL270560-8	8596238004245	5	42	500	6500	220	100		102	55	59
A	BL270630-1	8596238003552	5,4	54	600	3000	180	111		102	55	35
A	BL270640-1	8596238004979	6	54	640	4000	220	107		106	60	37,5
A	BL270665-1	8596238004986	6	54	640	6500	220	107		106	60	37,5
A	BL270830-1*	8596238003927	8	60	806	3000	220	101		108	60	20
A	BL270840-1*	8596238003569	8,5	60	806	4000	180	95		104	60	20
A	BL270865-7	8596238004177	8	60	806	6500	220	101		108	60	51
G	BL270927-2	8596238003941	9	75	1055	2700	360	117		105	60	40
H	BL270927-3	8596238005693	9	75	1055	2700	360	117		105	60	37
A	BL270930-2*	8596238003613	9	75	1055	3000	220	117		108	60	40
A	BL270940-1*	8596238003620	9,5	75	1055	4000	180	111		112	59	59
H	BL270940-3	8596238005709	9	75	1055	2700	360	117		105	60	37
A	BL270965-1*	8596238003637	9,5	75	1055	6500	180	111		112	60	59
G	BL271130-3	8596238004122	11	100	1521	3000	360	138		105	60	34
A	BL271230-1*	8596238003651	12,5	100	1521	3000	180	122		121	60	59
A	BL271240-1	8596238003668	12,5	100	1521	4000	180	122		121	60	59
A	BL271265-1	8596238003675	12,5	100	1521	6500	180	122		121	60	59
A	BL271730-1	8596238004184	17	132	2100	3000	220	124		133	65	51
A	BL271740-1	8596238004191	17	132	2100	4000	220	124		133	65	51

V 220 CRI >80  $t_{90}$  25 000 \* Also available as a Multipack of 3 or 5 pcs.

# LED BULBS E27



**TESLA**  
better lighting



TYPE	CODE	EAN	W		lm	K		lm/W		h [mm]	d [mm]	
A	BL271765-1	8596238004207	17	132	2100	6500	220	124	E	133	65	51
A	BL272030-8	8596238004160	20	152	2500	3000	220	125	E	150	77	63
A	BL272040-8	8596238004993	20	152	2500	4000	220	125	E	150	77	63
A	BL272065-8	8596238005006	20	152	2500	6500	220	125	E	150	77	63
H	BL274227-1F	8596238003835	4,2	40	470	2700	360	112	E	105	60	27,3
H	BL274240-1F	8596238003842	4,2	40	470	4000	360	112	E	105	60	27,3
G	BL277227-1	8596238003682	7,3	60	806	2700	360	110	E	105	60	37
H	BL277227-1F*	8596238003859	7,2	60	806	2700	360	112	E	105	60	37
G	BL277240-1	8596238003699	7,2	60	806	4000	360	112	E	105	60	37
H	BL277240-1F	8596238003866	7,2	60	806	4000	360	112	E	105	60	37
K	CB274224-1	8596238003958	4,2	34	380	2400	360	90	F	136	64	95
E	CL270530-1	8596238006195	4,9	39	470	3000	180	96	E	102	37	79
E	CL270640-1	8596238003828	4,5	42	470	4000	200	104	F	93	37	37,5
I	GL270424-2G2	8596238004146	4,2	44	540	2400	360	129	D	120	80	39
I	GL270927-1	8596238003965	9	75	1055	2700	360	117	E	140	95	57
C	GL271530-7	8596238002395	15	96	1521	3000	220	101	F	140	95	79
C	GL271540-8	8596238004252	15	100	1521	4000	270	101	F	140	95	79
I	GL274224-1	8596238003972	4,2	34	380	2400	360	90	F	175	125	104
I	GL274224-2	8596238003989	4,2	34	380	2400	360	90	F	140	95	95
J	LB274224-1	8596238003705	4,2	34	380	2400	360	90	F	204	28	95
B	MG270530-1	8596238003996	4,5	39	470	3000	180	104	F	70	45	46
B	MG270830-7	8596238002739	8,5	66	1000	3000	180	118	E	89	45	46
B	MG270840-7	8596238002746	8,5	66	1000	4000	180	118	E	89	45	46
F	MG274227-1	8596238003712	4	40	470	2700	360	118	E	72	45	16,2
F	MG274240-4	8596238004139	5,5	46	605	4000	360	110	E	72	45	16,2
D	R6270730-6	8596238004009	7	50	600	3000	240	86	F	99	63	156
D	R6270740-8	8596238004016	7	50	600	4000	240	86	F	99	63	156
D	R6270765-1	8596238003729	7	50	630	6500	180	90	F	104	63	156
L	MB270530-1	8596238007680	3,5	30	300	3000	100	86	F	44	33	59

# LED BULBS E14



A



B



C



D



E

TYPE	CODE	EAN	W		lm	K		lm/W		$\begin{matrix}   \\ h \\   \end{matrix}$ (mm)	$\varnothing$ (mm)	
A	CL140530PACK2-1	8596238003934	5	39	450	3000	220	90	F	102	37	32
A	CL140540-1	8596238005662	4	42	470	4000	200	118	F	93	37	20
B	CL140627-1	8596238003880	6	60	806	2700	360	134	E	98	35	32
A	CL140630-1	8596238003743	4,5	42	470	3000	220	104	F	93	37	20
B	CL140640-2	8596238003897	6	60	806	4000	360	134	E	98	35	37
A	CL140730-6	8596238004214	7	60	806	3000	180	115	E	102	37	23,2
A	CL140740-1	8596238005303	7	60	806	4000	180	115	E	102	37	23,2
B	CL142527-3	8596238000919	2,5	25	250	2700	360	100	F	98	35	20
B	CL144227-1	8596238003736	4,2	40	470	2700	360	112	E	98	35	13,5
B	CL144227-1F	8596238005310	4,2	40	470	2700	360	112	E	98	35	13,5
B	CL144240-7	8596238004153	5,5	46	605	4000	360	110	F	98	35	13
C	MG140330-1	9009789004422	3	25	250	3000	220	83	G	80	45	34
C	MG140340-7	8596238002289	3	25	250	4000	220	83	G	80	45	34
D	MG140627-1	8596238003903	6	60	806	2700	360	134	E	80	45	46
D	MG140640-1	8596238003910	6	60	806	4000	360	134	E	80	45	46
C	MG140830-7	8596238002753	8,5	66	1000	3000	220	118	E	90	45	34
C	MG140840-7	8596238002760	8,5	66	1000	4000	220	118	E	90	45	34
D	MG144227-1	8596238003767	4,2	40	470	2700	360	112	E	80	45	46
D	MG140440-8	8596238005617	4,2	40	470	4000	360	118	E	86	45	46
E	R5140530-3	8596238004221	4,8	42	470	3000	240	98	F	82	50	26,9
E	R5140540-8	8596238004238	4,8	42	470	4000	240	98	F	82	50	26,9
E	R5140565-1	8596238005327	4,8	42	470	6500	240	98	F	82	50	26,9

V 220 CRI >80

# LED BULBS

## GU10 | GU5.3 | GX53 | G4 | G9



ONLINE INFO



GU10



GU5.3



GX53



G4



G9

CODE	EAN		W		lm	K		V	lm/W		h (mm)	d (mm)	
GU100330-7	8596238002845	GU10	3	25	250	3000	110	230	86	F	57	50	24,5
GU100730-4	9009789006679	GU10	7	45	600	3000	110	230	86	F	57	50	24,5
GU100740-2	8596238000483	GU10	7	45	600	4000	110	230	86	F	57	50	24,5
GU100760-7	8596238002852	GU10	7	45	600	6500	110	230	86	F	57	50	24,5
GU100830-8	8596238005679	GU10	10	60	1000	3000	110	230	100	F	57	50	27
GU100840-8	8596238005686	GU10	10	60	1000	4000	110	230	100	F	57	50	27
GU103540-5	9009789005870	GU10	2,9	25	250	4000	110	230	86	F	57	50	24,5
MR160430-7	8596238002364	GU5.3	4	32	350	3000	100	12	88	F	50	50	24,5
MR160440-7	8596238002562	GU5.3	4,3	32	400	4000	110	12	93	F	47	50	40
MR160630-6	8596238005648	GU5.3	6	40	540	3000	110	12	90	F	47	50	24,5
MR160640-6	8596238005655	GU5.3	6	40	540	4000	110	12	90	F	47	52	24,5
GX530630-2	8596238005594	GX53	6	41	480	3000	220	230	80	F	74	74	40
GX530640-2	8596238005600	GX53	6	41	480	4000	220	230	80	F	24	75	57
G4000430-2PACK2	8596238007765	G4	4	32	350	3000	360	12	88	F	19	50	6
G4000440-2PACK2	8596238007772	G4	4	32	350	4000	360	12	88	F	19	50	6
G9000230-3	9009789002183	G9	2	21	200	3000	360	230	100	F	16	50	12
G9000240-3	8596238005068	G9	2	21	200	4000	360	230	100	F	16	50	12
G9000430-PACK2	8596238003798	G9	4	35	400	3000	360	230	100	F	18	60	18
G9000440-PACK2	8596238003804	G9	4	35	400	4000	360	230	100	F	18	60	18

V 220 CRI >80

The LED bulb range may change over time. Please contact your sales representative for current available models.



## **SURFACE-MOUNTED LUMINAIRES**

Surface-mounted luminaires provide an elegant and practical lighting solution for a wide range of indoor applications. Thanks to their simple installation on ceilings or walls, they are ideal for corridors, small offices, restrooms, and common areas. Their modern design, combined with uniform light distribution, ensures comfortable and functional illumination for everyday use.

# SURFACE-MOUNTED LUMINAIRES



ONLINE INFO

**TESLA**  
better lighting



A




B



C



D

TYPE	CODE	EAN	W	lm	K	$\Delta$	IP	a [mm]	b [mm]	c [mm]	
A	CG2818-24-3CCT-SW	8596238006874	18 / 24	1800 / 2400	3000 / 4000 / 6500	120	65	280	280	58,5	750
B	CG2818-24-3CCT-RW	8596238006867	18 / 24	1800 / 2400	3000 / 4000 / 6500	120	65	280	280	58,5	700
C	CG4260FS-18-120	8596238008151	60	5000	1800-12000	120	20	420	420	86	2900
D	CG6024DIP-OW	8596238008212	24	2900	2700 / 4000 / 6500	120	20	600	200	29	980

V 230 Hz 50 CRI 80 T<sub>a</sub> -20°C to +40°C t<sub>90</sub> 30 000 CCT  Energetic class F



## TABLE LAMPS

Table lamps are both a practical and stylish addition to any interior. They provide comfortable and pleasant lighting for work, study, and relaxation while enhancing the overall atmosphere of a home. With a wide range of designs and finishes available, it is easy to find a model that perfectly complements an office, children's room, or bedroom.

Designed with a focus on ease of use, functionality, and everyday comfort, these lamps offer a convenient lighting solution for daily activities. Modern LED technology ensures energy-efficient operation, long service life, and high-quality illumination for everyday use.

# TABLE LAMPS



ONLINE INFO

**TESLA**  
better lighting



TYPE	CODE	EAN	W	lm	K		CRI			a (mm)	b (mm)	c (mm)	
A	DE01BAB-1	8596238004924	4	120	3000	120	80	x	150	120	370	120	640
B	DE01BAW-1	8596238004917	4	120	3000	120	80	x	150	120	370	120	640
C	DE01CHS-1	8596238004948	9,5	500	3000-6000	120	80	✓	150	200	450	120	844
D	DE01CHB-1	8596238004931	9,5	500	3000-6000	120	80	✓	150	200	450	120	844
E	DE02IRW-1*	8596238004962	*	*	*	*	*	x	120	150	550	150	1165
F	DE02IRB-1*	8596238004955	*	*	*	*	*	x	120	150	550	150	1165
G	DE02PTB-1*	8596238007666	*	*	*	*	*	x	150	175	400	175	1200
H	DE02PTS-1*	8596238007673	*	*	*	*	*	x	150	175	400	175	1200
I	DE01BLV-1	8596238007659	12	620	3000-6000	120	80	✓	130	370	530	350	1900

**A** LUCIA (black)   **B** LUCIA (white)

Stylish and versatile lamp with magnetic mount. 3 mounting options, USB-C charging, continuously dimmable.

**C** PETRA (silver)   **D** PETRA (black)

Modern table lamp with adjustable color temperature and wireless charging 10W, stepless dimmable.

**E** THERESA (white)   **F** THERESA (black)

Classic metal "retro" table lamp with E27 base.

**G** KATKA (black)   **H** KATKA (silver)

A stylish table lamp with an E27 base that combines natural wood with a modern metal shade.

**I** MONIKA

Modern table lamp with a rotating wheel for smooth brightness adjustment. Integrated button for turning on, changing light temperature and timer.

\* Product without built-in light source. Parameters depend on the type of bulb selected.



## CHILDREN'S NIGHT LIGHTS

Children's night lights create a pleasant and soothing atmosphere that helps children feel safe and comfortable while falling asleep and throughout the night. With their playful designs, they become a favorite accessory in children's rooms as well as a charming bedtime companion.




The simple tap-control operation allows for easy switching on and changing of lighting modes without complicated handling. The soft, gentle light creates a calming environment and helps promote a peaceful and comfortable sleep.

# CHILDREN'S NIGHT LIGHTS



**TESLA**  
better lighting



TYPE	CODE	EAN	a [mm]	b [mm]	c [mm]	 g	TOUCH CONTROL		TIMER	
A	SNL-KIDS-PIG	8596238007536	120	114	68	148	✓	✓	✓	USB-C
B	SNL-KIDS-FOOTBALL	8596238007499	123	123	78	217	✓	✓	✓	USB-C
C	SNL-KIDS-CAPYBARA	8596238007505	98	104	106	179	✓	✓	✓	USB-C
D	SNL-KIDS-OCTOPUS	8596238007529	125	96	114	105	✓	✓	✓	USB-C
E	SNL-KIDS-DUCK	8596238007512	115	139	104	147	✓	✓	✓	USB-C
F	SNL-KIDS-BONFIRE	8596238007581	96	62	63	102	x	✓	x	USB-C
G	SNL-KIDS-OWL	8596238007611	99	97	112	160	✓	✓	✓	USB-C
H	PND-KIDS-BEE	8596238007628	50	46	54	28	x	x	x	Battery LR41

**F** Flame mode, function - ambient sounds of nature

**G** Colors of light - red, orange, yellow, green, blue and violet

The image shows three decorative LED lamps in a living room. One lamp is tall with a wooden arch and a white cylindrical body. Two smaller lamps are on a stack of books: one is tall with a wooden arch and a white cylindrical body, and the other is shorter with a wooden arch and a white cylindrical body. The background shows a window with a view of a blue sky and a beige sofa.

## DECORATIVE LIGHTING

Decorative lighting is a stylish addition to any interior, helping to create a pleasant and inviting atmosphere throughout the home. It combines functionality with attractive design and offers a wide range of applications for ambient lighting, relaxation, and everyday comfort.


Modern LED technology ensures long service life and provides various lighting modes and color effects. Thanks to their elegant design and easy operation, decorative luminaires can seamlessly enhance bedrooms, living rooms, home offices, gaming areas, and other interior spaces.

# DECORATIVE LIGHTING



**TESLA**  
better lighting



TYPE	CODE	EAN	a [mm]	b [mm]	c [mm]	 g	TOUCH CONTROL	DIMMABLE
A	DE01-BELLA-1	8596238008168	152	119	119	400	✓	✓
B	DE01-EMMA-1	8596238008175	305	127	127	850	✓	✓
C	RGB-KIDS-TOWER	8596238007789	255	115	115	148	✓	✓
D	BEA-MIRROR-POCKET	8596238007796	90	90	18	102	✓	✓



## **CHRISTMAS AND DECORATIVE LIGHTING - MAINS POWERED**

Mains-powered Christmas and decorative lighting is the ideal choice for long-term and intensive illumination of both indoor and outdoor spaces during the holiday season and throughout the year. Powered directly from the electrical grid, it provides stable light output and is suitable for decorating homes, gardens, balconies, retail premises, and commercial spaces.

Modern LED technology ensures low energy consumption, long service life, and reliable operation. A wide range of light strings and decorative lighting elements makes it easy to create a cozy atmosphere or impressive lighting displays tailored to specific needs.

# CHRISTMAS AND DECORATIVE LIGHTING - MAINS POWERED

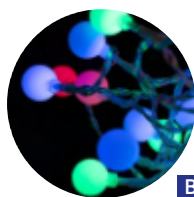


ONLINE INFO

**TESLA**  
better lighting



A



B



C



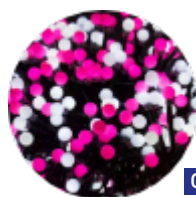
D



E



F



G



H



I

TYPE	CODE	EAN	K					CABLE COLOR	
A	VO23148MWW	8596238004320	3000	230V	1000	500	100	Silver	x
A	VO23148MWC	8596238004313	6500	230V	1000	500	100	Silver	x
B	VO238MIO2	8596238004351	RGB	230V	800	300	80	Silver	✓
C	VO235MIO1	8596238004337	2700	230V	500	300	50	Silver	✓
D	VO23129MC1	8596238004306	RGYB	230V	800	500	160	Silver	x
E	VO23100T-AM	8596238005426	AMBER	230V	1000	500	100	Transparent	x
E	VO23100G-AM	8596238005433	AMBER	230V	1000	500	100	Green	x
F	VO23400T-AM	8596238005440	AMBER	230V	800	500	400	Transparent	x
F	VO23400G-AM	8596238005457	AMBER	230V	800	500	400	Green	x
G	VO23576G-WP	8596238008205	White/Pink	230V	600	300	576	Green	x
H	VO231201X2	8596238008120	2700	230V	100x200	300	120	Transparent	x
I	VO23100G-WW	8596238008137	2700	230V	1000	300	100	Green	x

**B** Remote control

**F** Sound sensor

IP 44



## **CHRISTMAS AND DECORATIVE LIGHTING - BATTERY OPERATED**

Battery-operated Christmas and decorative lighting offers maximum flexibility in placement and is ideal for areas where no power outlet is available. Thanks to its compact design and ease of use, it is perfect for decorating interiors, festive arrangements, table decorations, and other decorative displays.

Energy-efficient LED technology ensures long battery life and pleasant decorative illumination. A wide range of styles and designs makes it easy to create a cozy and festive atmosphere in any space.

# CHRISTMAS AND DECORATIVE LIGHTING - BATTERY OPERATED



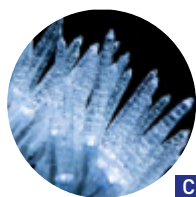
**TESLA**  
better lighting



A



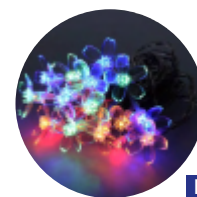
B



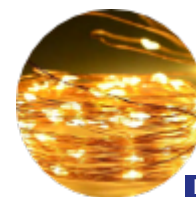
C



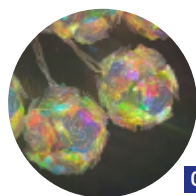
D



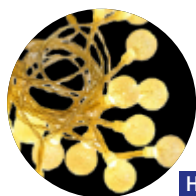
E



F



G



H








I



J



K

TYPE	CODE	EAN	K					CABLE COLOR		IP
A	VONABA5MIO1C	8596238004382	RGB	3xAA	500	30	50	Black	✓	44
A	VONABA5MIOWC	8596238004399	6500	3xAA	500	30	50	Black	✓	44
B	VOBA5MIO1	8596238004368	2700	3xAA	500	300	50	Silver	✓	44
C	VOBA5MIO2	8596238004375	6500	3xAA	500	30	50	Silver	✓	44
D	VOBA1MI1	8596238005402	2700	3xAA	100	30	10	Silver	✓	20
E	VOBA3MI2	8596238005419	RGBY	3xAA	300	30	20	Silver	✓	20
F	VONABA10M	8596238008113	2700	3xAA	1000	20	100	Silver	✓	20
G	VOBA1M-ROSE	8596238008199	2700	2xAA	135	30	10	Transparent	✓	20
H	VOBA2M-BALL	8596238008090	2700	3xAA	200	30	20	Transparent	✓	20
I	VONABA2M-SM	8596238008076	2700	2xAA	200	30	20	Transparent	✓	20
J	VONABA2M-DE	8596238008083	2700	2xAA	200	30	20	Transparent	✓	20
K	VOBA2M-FW	8596238008106	2700	3xAA	200	50	90	Transparent	✓	44



## GARDEN LIGHTING

Garden lighting provides both a practical and decorative solution for illuminating gardens, pathways, terraces, driveways, and outdoor seating areas. It helps create a pleasant atmosphere, enhances safety in outdoor spaces, and highlights the character and beauty of the surrounding environment.

Our range includes both solar-powered and conventional LED luminaires in various styles and designs, suitable for modern and traditional outdoor settings alike. Advanced technology ensures energy-efficient operation, long service life, and easy installation.


# GARDEN LIGHTING



ONLINE INFO

**TESLA**  
better lighting



TYPE	CODE	EAN	W	lm	K	Power supply	IP	Sensor	a (mm)	b (mm)	c (mm)	
A	ZSALU4-1*	8596238005181	4,4	300	3000	Solar panel	44	PIR	500	160	160	1092
B	ZSALU2-1*	8596238005167	4,4	300	3000	Solar panel	44	PIR	500	150	150	1183
C	ZSALU5-2*	8596238005204	4,4	400	3000	Solar panel	44	PIR	500	150	150	659
D	ZSALU5-1*	8596238005198	4,4	400	3000	Solar panel	44	PIR	500	150	150	659
E	ZSALU1-1*	8596238005150	4,4	300	3000	Solar panel	44	PIR	500	150	210	1140
F	HWALL001-S	8596238005082	-	50	3000	Solar panel	54	x	83	117	152	274
G	HWALL002-S	8596238005099	-	50	3000	Solar panel	54	x	60	110	170	318
H	HWALL003-S	8596238005105	-	40	3000	Solar panel	54	x	90	98	154	422
I	ZSALU3-1*	8596238005174	3	165	3000	Solar panel	44	PIR	182	135	135	620
J	FL1810-3CCT-MS	8596238007826	10	1000	3000-4000-6500	Solar panel	65	Microwave	230	186	47	1750
K	ZSPLA6-1	8596238007833	//	//	RGB	Solar panel	65	x	53	11	11	165
L	ZALU1-1	8596238007802	12	780	3000	230 V AC	54	x	600	120	120	1730
M	ZALU2-1	8596238007819	7	455	3000	230 V AC	54	x	600	160	50	1660

**A B C D E**

Garden solar light

**F G H**

Solar wall light

**I**

Portable solar light

**J**

Spotlight with solar panel and sensor

\* three-step dimming

**K**

Pool light

**L M**

Garden lamp



## CAMPING LIGHTS

Camping lights are practical companions for camping, travelling, and a wide range of outdoor activities. They provide reliable illumination for evening gatherings, work tasks, and movement in the outdoors, while their compact size makes them easy to carry and store.

Our range includes stylish lanterns for creating a cozy atmosphere, powerful work lights, and practical headlamps for everyday use. Designed with a focus on ease of use, long operating time, and durable construction, they are ideal for both recreational and professional outdoor applications.

# CAMPING LIGHTS



ONLINE INFO

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A

B



C



D



E




F



G



H

TYPE	CODE	EAN	W	lm	K	IP	a [mm]	b [mm]	c [mm]	 g
A	HCAM001	8596238005112	5	370	2700-3000	44	113	172	113	450
B	HCAM002	8596238005129	5	370	2700-3000	44	113	172	113	450
C	HCAM004	8596238007635	4	80-300	6500	44	250	330	30	70
D	HCAM005	8596238007642	6	200-600	6500	44	180	300	30	78
E	PR1515W	8596238004894	9	300	2700-6000	44	-	-	-	1270
F	PR1515W-S	8596238004900	-	300	2700	65	-	-	-	1705
G	HCAM006	8596238007727	8	190	2700-7000	X5	140	125	195	386
H	HCAM007	8596238007734	3	280	2600-6500	X4	117	117	172	494

## A Retro decorative lantern (white) B (black)

Dimmable, LED SMD chips, LED filament, smooth switching between LED sources, original design, quality workmanship, USB-C charging.

## C LED Headlamp O100

5 lighting modes - spot light - 2 intensities, COB LED, red light, flashing.

## D LED Headlamp S100

3 lighting modes - spotlight - 2 intensities, flashing. Removable flashlight with magnet.

## E Party string lights 15 LED

Chain length 13.5m, Power cable 2m, 230V, 11 lighting modes, up to 4 chains can be connected, timer and remote control.

## F Solar party string lights 15 LED

Chain length 10.6 m, 15 LED filament bulbs E26, 4 lighting modes, solar panel

## G H Retro decorative lantern

Dimmable, LED SMD chips, LED filament, smooth switching between LED sources, original design, power bank function, USB-C charging.



An overhead view of two people working at a wooden desk. A man with dark hair is leaning over a silver laptop, pointing at a tablet displaying architectural blueprints. A woman with blonde hair is sitting at the desk, looking at a notebook. The desk is cluttered with a glass of water, paper clips, and a pen.

# TESLA Lighting

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# CUSTOMIZED LIGHTING IN 6 STEPS

Do you need to optimize your existing lighting, or are you building a new facility and want a modern, efficient, and economical lighting system? We offer complete solutions tailored precisely to your needs, combining our many years of experience in lighting fixture manufacturing, designing large-scale lighting systems, and professional installation.



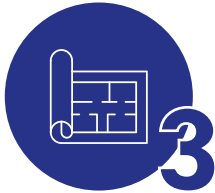
## We will arrive, analyze, measure and advise.

It all starts with a thorough analysis of the space and its lighting. We will be happy to advise you and help you choose the best and most effective lighting. The output of this analysis is a report on the current state, identification of critical points and recommended remedial action.



## We will prepare a lighting study and a comprehensive lighting design.

This is followed by the preparation of a detailed lighting study, where we focus on three main aspects: savings, efficiency and healthy working conditions for employees. The study contains detailed information on the intensity and uniformity of lighting in the premises. The output also includes a calculation of the lighting at the working level.



## We will prepare a lighting project proposal, including a return on investment or management study.

Based on the lighting study, we will prepare a lighting project proposal, which includes project documentation and the lighting installation procedure, including all costs, implementation dates, necessary information and a payback study. Intelligent lighting control can also be added.



## We will professionally install, deliver and train you.

When implementing the project, we will fully adapt to the needs of your company, we plan the installation schedule completely individually. After completion, we will naturally hand over the project, including complete documentation and training for your employees in the operation of the lighting system.



## We will help with optimization and provide support.

It doesn't end with installation, it just begins. Thanks to our intelligent lighting control system, you can maximize your efficiency by setting lighting intervals or selective zones, for example, and fully exploit the savings potential that our solution brings.



## We will take care of maintenance and service.

Based on our many years of experience, we offer a complete program of professional maintenance of lighting and control systems. We try to resolve all service requests in the shortest possible time.



## 1-10V

A simple and reliable solution for lighting control. Ballasts with this control can be operated either by applying a control voltage in the range of 1-10 V or by a variable resistor with a resistance value of approximately 100 k $\Omega$ .

## 1-10V

## DALI



Reliable, robust, programmable, compatible control standard allows up to 64 devices (lights, dimmers, switches, light sensors and PIR, twilight switches) to be controlled via a two-wire communication line with a supply voltage of 16 V. Each DALI device has its own assigned address, which can be used in up to 16 scenes and 16 groups. The maximum bus cable length is 300 m without the use of a DALI repeater. The bus installation architecture can be star, tree, ring, or serial. For a simple solution, all you need is a light with a DALI ballast and a DALI switch or dimmer (the required DALI source is often already included in the switch). For more demanding applications, it is advisable to use a suitably dimensioned DALI bus power supply and to connect a converter to the PC network to this bus, which enables the required control, e.g., with Foxtron components. Another option is to use DALI - LOXONE converters.

## LOXONE

A flexible, intelligent control system for both commercial buildings and family homes, enabling the management of heating, air conditioning, ventilation, lighting, shading, and security. Lighting, shading, and indoor climate automatically adapt to the needs of the building's users. LOXONE employs highly efficient energy management that increases the value of any building and significantly shortens the return on investment. We are a Silver Partner of LOXONE.





Dialux is a professional program for lighting calculations in interior and exterior. Our designers use it to prepare new lighting projects, as well as reconstructions of existing lighting, where we replace conventional light sources with our LED sources.

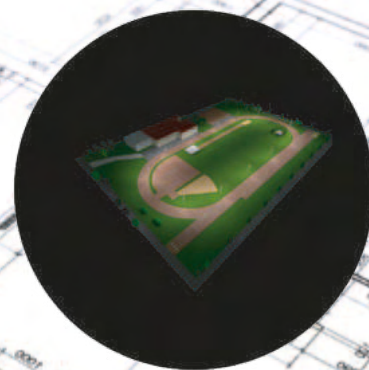
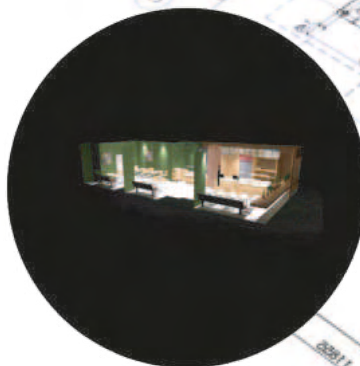
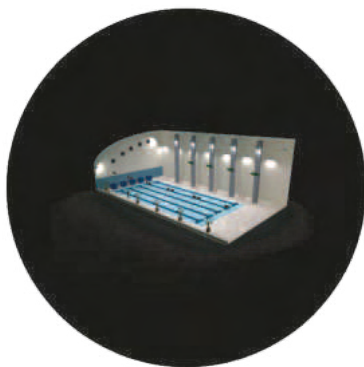
The program output serves as a basis for approving lighting for installation and meeting the necessary standards.

# DIALux

The professional TESLA lighting product line offers plugins for the Dialux program.

## Lighting project phases in the Dialux program

- Space lighting analysis
- Space measurement for modeling
- Space modeling
- 3D space installation with TESLA lighting fixtures
- Export of a protocol with space lighting calculations



# PHOTOMETRIC LABORATORY



ONLINE INFO

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Do you need to make sure that your luminaires are in order and comply with standards? We will be happy to help you!

We have our own photometric laboratory, in which we thoroughly test our products to ensure only the best quality for you.

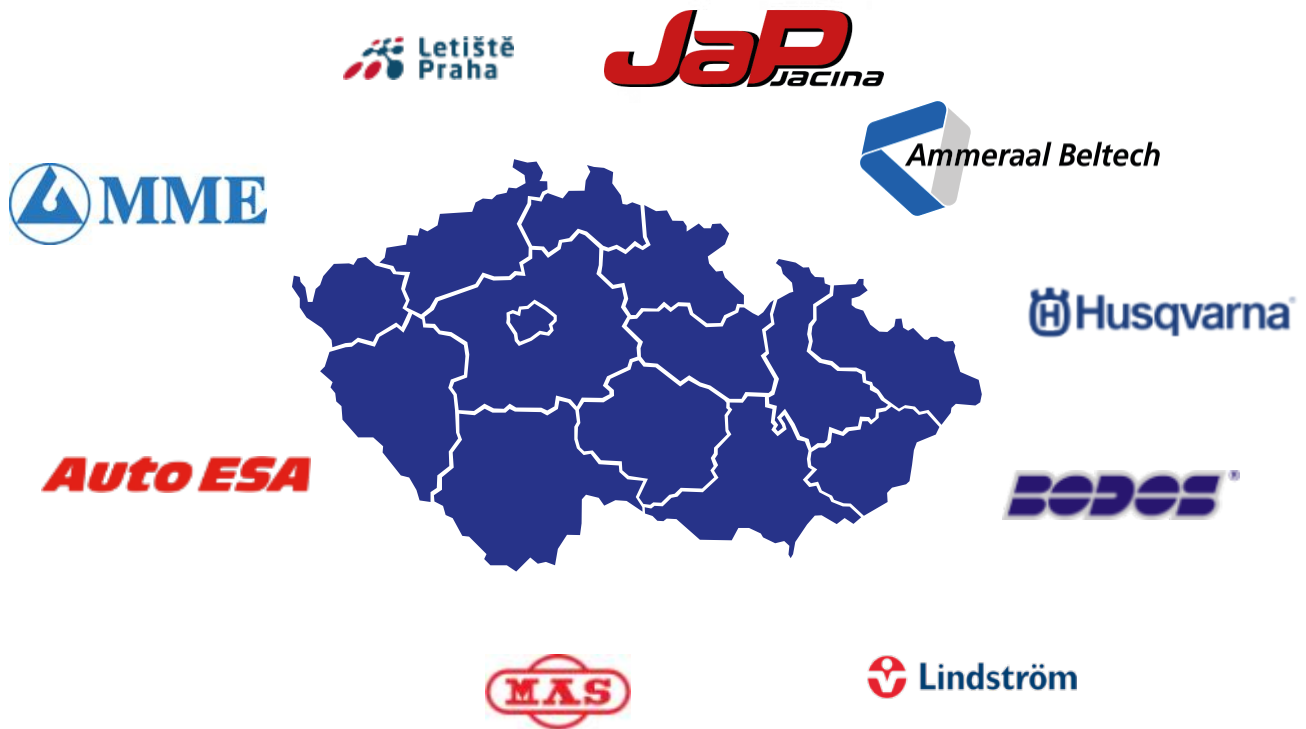
At the same time, we also offer complete testing of customer light sources, the result of which is a test report containing all the necessary parameters about the tested light source (color parameters, photometric parameters, electrical parameters), which are further used for 3D simulation of lighting in various spaces.

The equipment of the TESLA photometric laboratory includes an integrating sphere, which is used for precise measurement of the wave spectrum and light output, and a goniophotometer used for measuring photometric curves.



## What can we measure for you?

- Luminous flux and power of light sources and luminaires
- Wave spectrum and luminous flux
- Electrical parameters: power, efficiency, current
- Location on the MacAdam ellipse
- Distribution of light curves of luminosity in space
- Beam angle



WE IMPLEMENT LIGHTING PROJECTS THROUGHOUT THE ENTIRE CZECH REPUBLIC

# TESLA REFERENCE

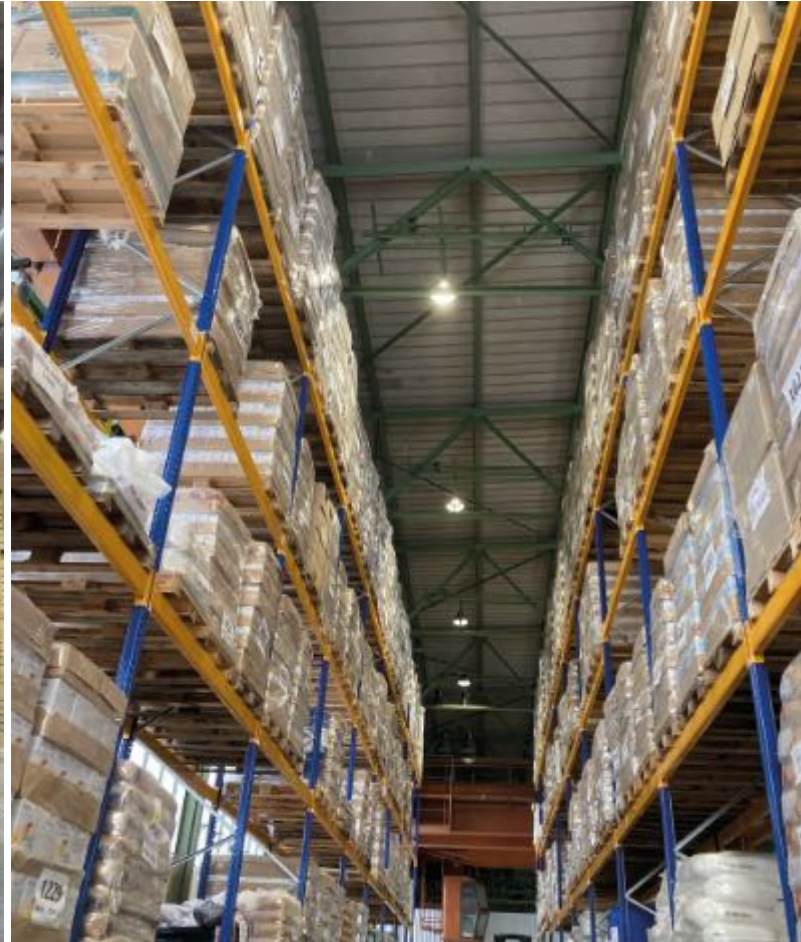


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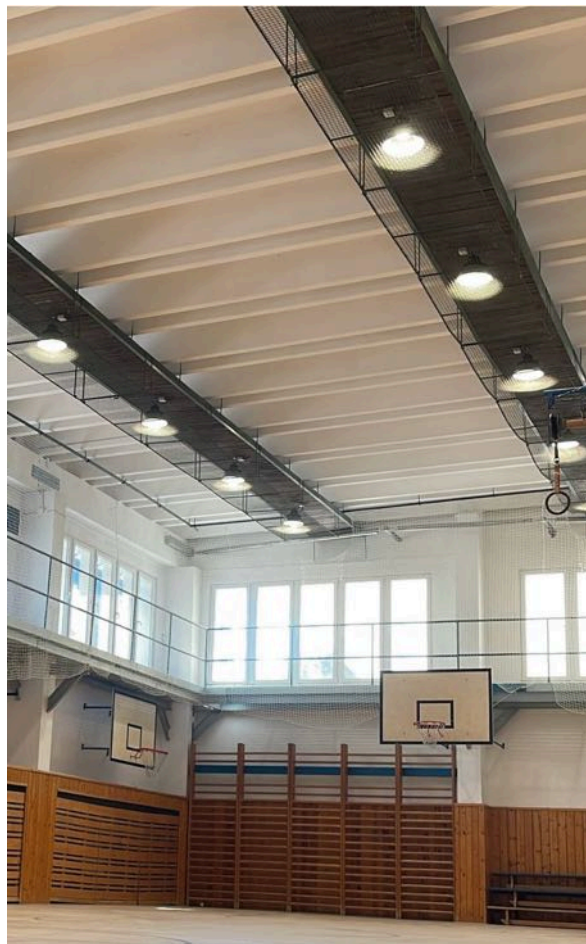
**BLEK S.R.O.**



**EURONA**



**HOSPITAL OLŠANSKÁ**



**ELEMENTARY SCHOOL PETROVICE**



**BAKERY BORO VÁ**



ONLINE INFO



**PALACE HOTEL**



**JEPAS**



**VINOŘ VILLAGE**



**SOKOL  
KOSTELEČ NAD ČERNÝMI LESY**

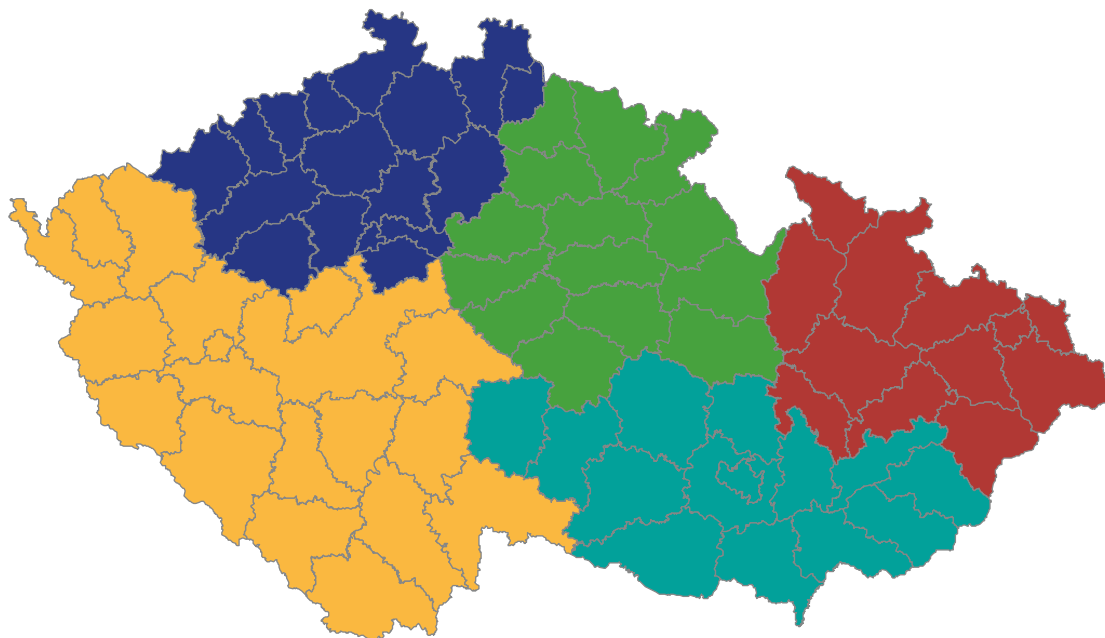


# SALES REPRESENTATIVES



ONLINE INFO

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### Facebook and Instagram

@teslalightingcz

### Linkedin

TESLA lighting

## TECHNICAL PARAMETER SYMBOLS

K	Color temperature in Kelvin	IP	Cover	Hz	Operating frequency in Hertz
TIMER	TIMER	IK	Mechanical protection	W	Power in watts
Remote control	Remote control	Replacement of a classic light bulb in watts		Dimmability	
Length of the strap/chain in centimeters	Length of the strap/chain in centimeters	V	Voltage in volts	lm	Luminous flux in lumens
Power cable length in centimeters	Power cable length in centimeters	Socket		Power supply type	
Energy class	Energy class	Number of switching cycles		PF	Effector
Efficiency	Efficiency	Number of LEDs per strip/chain		Radiation angle	
Weight in grams	Weight in grams	Number of LEDs per meter		Lifetime in hours	
CRI	Color rendering index	T <sub>a</sub>	Operating temperature		

# OFFICIAL ESHOP



ONLINE INFO

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## BUY CONVENIENTLY AND AT A GREAT PRICE DIRECTLY FROM THE MANUFACTURER

Register as a B2B partner and get not only a great discount!

- Quality LED lighting
- Basic discount 30%
- Stock availability
- Fair access
- Marketing support



[www.eshop.tesla-lighting.cz](http://www.eshop.tesla-lighting.cz)



# TESLA

better lighting



**F W G**  
S I C A V

TESLA Lighting is a prominent portfolio company of the FWG atlantiso SICAV, a.s. fund.