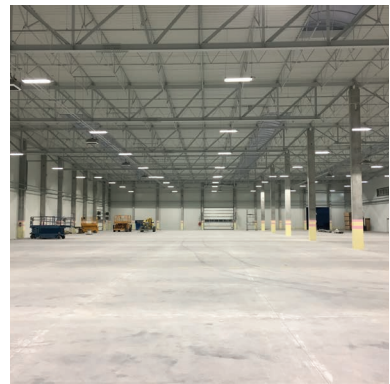
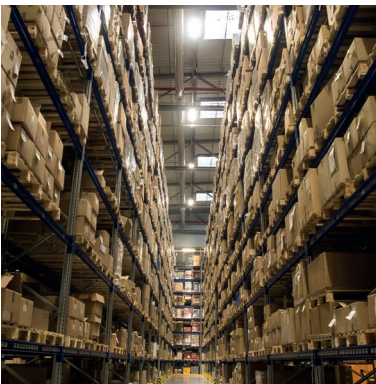


Industrial LED luminaires

JAZON



Up to 90% savings in energy costs

50 W to 150 W power versions

Luminous flux control

Compatible with light and motion sensors

Reliable

Made in Poland



SOLUTIONS FOR:

Lighting systems for production halls,
high- and low-storage warehouses
and workshops

Maximum savings

- High luminous efficacy of the luminaires thanks to cutting edge LED technology
- Compatible with reliable, technologically advanced automation systems
- Corrosion resistant LEDs
- Break-resistant luminaires, no glass elements in the housing.

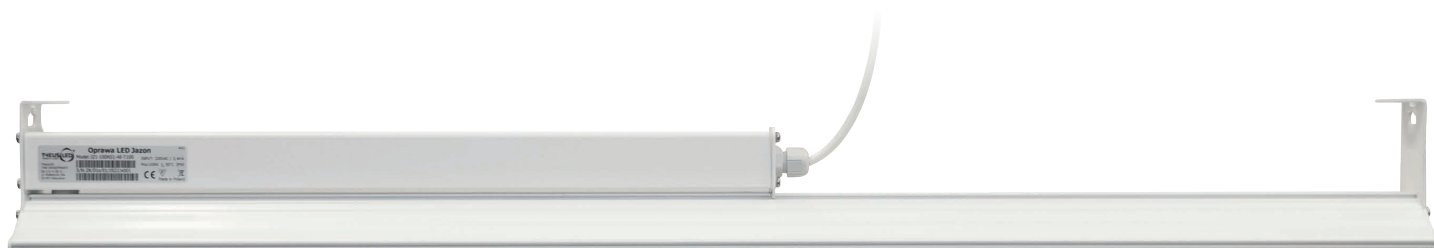
User satisfaction and safety

- Manufactured in Poland, short turnaround times
- Long-life operation guaranteed by high quality LEDs and efficient power supply heat dissipation
- Designed for long operating life
- 5 years (opt. 8 years) warranty
- High color rendering index $Ra > 80$
- Tested for high ambient temperatures and difficult conditions. IP65 certified luminaires for maximum protection
- Quality components, established manufacturers
- Flicker-free, steady light stream.

Convenience and comfort for installers and maintenance staff

- Professional technical support
- Simple and quick installation of the luminaire
- Less frequent technical inspections and cleaning.

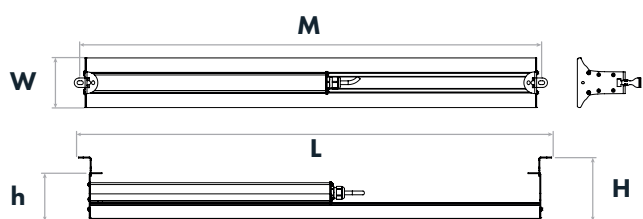




Technical specification

Source of light	LED diodes	Tightness class	IP65
Diode lifetime	L70 > 260 000 h (ta = 25°C)	Electrical insulation class	Class I
Color temperature	4000 K (others available on request)	Power factor	cos Φ > 0,98
Color rendering index	Ra > 80 (higher on request)	Power supply efficiency	η > 94%
Supply voltage	198 – 264 VAC	Brightness control	DALI/1-10 V (optional)
Operating temperature (ta)	from -25°C to +50°C		

Dimensions and weight



	h	H	L	W	weight
Luminaire type	[mm]	[mm]	[mm]	[mm]	[kg]
JZ1 – PSP b K1...	101	135	540	105	1,8
JZ1 – PSP b S1...	101	135	986	105	2,5
JZ1 – PSP b D1...	101	135	1432	105	3,2

H – height of the luminaire with additional mounting bracket

h – height of the luminaire

Industrial LED luminaires

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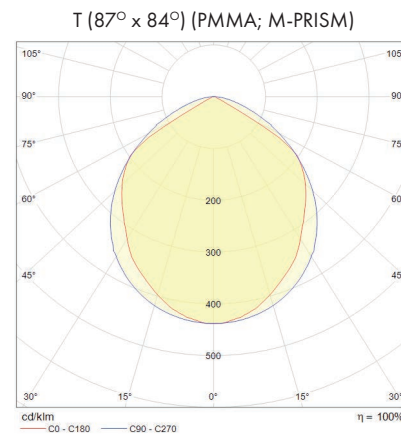
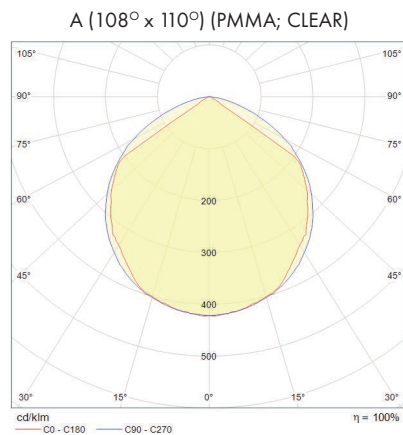
Luminaire power options

luminaire version	JZ1-050NK1 (50W, L=540 mm)	JZ1-100NS1 (100W, L=986 mm)	JZ1-150ND1 (150W, L=1432 mm)
luminous flux for A-type optics	8 750 lm	17 500 lm	26 250 lm
equivalent of	fluorescent luminaire T8 2x58 W	main lighting in lower halls (5-8 m)	main lighting in halls with an average height of 8-12 m
application	production halls, low- and high-storage warehouses, workshops, workstations, warehouse shelters		

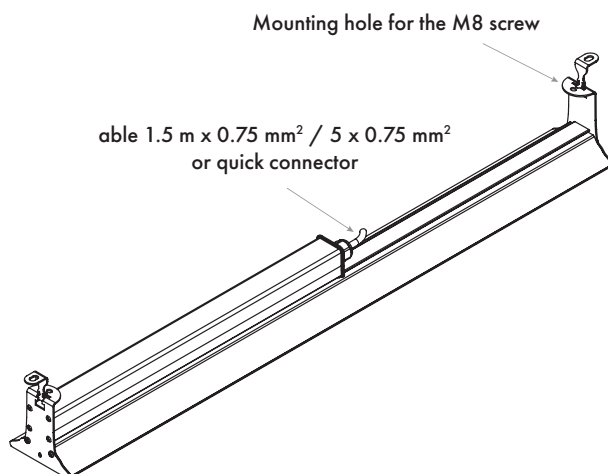
The above luminaire power and application recommendations are only indicative and apply to open halls. Actual luminaires are selected based on the specific lighting design.

Light distribution curve configuration

Special optical design can be used to shape the light distribution curve to meet specific user requirements. Examples of light distribution curves for A and T optical systems:



Fast and easy installation



Coding of the Jazon luminaire

JZ1 – PSP b L1 c TC – O1P1		
JZ1	product code – Jazon luminaire	
PSP	power supply [W]: 050 – 50 W 100 – 100 W 150 – 150 W	C color rendering index [CRI] 8 – Ra > 80
b	power supply control N – no control D – DALI control „-“ – 1-10 V control	O internal optics: A – 108° x 110° – transparent PMMA B – 108° x 110° – transparent PC
L	luminaire length K – 540 mm S – 986 mm D – 1432 mm	P external optics T – 87° x 84° microprismatic PMMA U – 108° x 110° transparent PMMA V – 87° x 90° microprismatic PC Y – 108° x 110° transparent PC
c	power connection „-“ – 1,5 m power cord A – external quick connector	Coding example JZ1 – 150 N D1 – 48 – A100
T	color temperature of light [K] 3 – 3000 K 4 – 4000 K 5 – 5000 K 6 – 6500 K	JZ1 Jazon luminaire version: JZ1 150 power supply: 150 W N no control D LED luminaire length: 1432 mm - power connection: 1.5 m cable 4 color temperature: 4000 K 8 color rendering index: Ra > 80 A1 internal optics type: transparent PMMA 00 external optics: none
		The technical specification is subject to change 220203V02

Industrial LED luminaires

JAZON

   	JAZON JZ1 230 VAC	 50/100/ 150 W	 L = 50/100/ 150 cm		 4000 K	 
	 260.000 h	 1.8 - 3.2 kg	 IP 65	 80		
	 .. 175 lm/W	 NS/DALI	 IK04 (IK10)	 -25° .. +50°C (+65°C)	 OPT. GLASS	

Company address

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