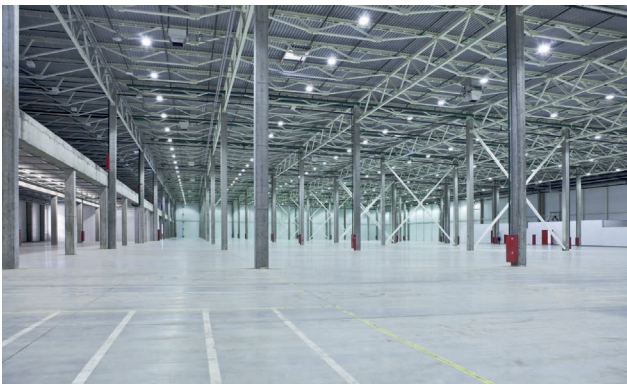


Industrial LED luminaires

HERAKLES



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:

Production halls,
high- and low-storage warehouses
and workshops

Maximum savings

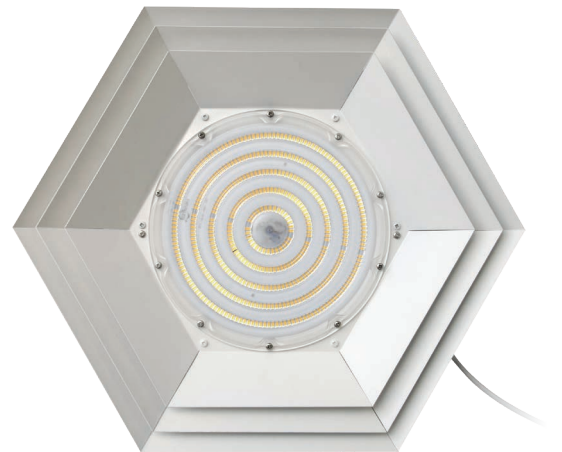
- High luminous efficacy of the luminaires thanks to cutting edge LED technology
- Compatible with reliable, technologically advanced automation systems
- Break-resistant luminaires, no glass elements in the housing.

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 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.

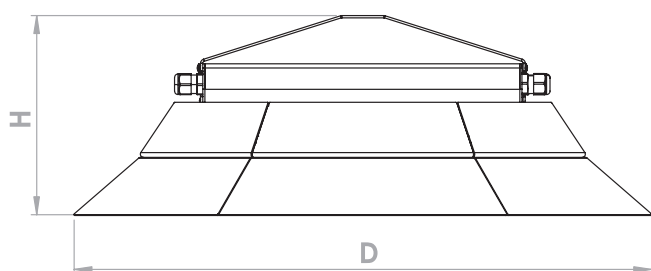




Technical specification

Source of light	LED diodes	Tightness class	IP 65
Diode lifetime	L70 > 100 000 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	Power supply efficiency	η > 95%
Supply voltage	198 – 264 VAC	Brightness control	DALI, 1-10 V (options)
Operating temperature (ta)	-20°C to +45°C		

Dimensions and weight



	H)	D)	weight
Luminaire type	[mm]	[mm]	[kg]
HK1 – 100 b SZ...	185	535	3,0
HK1 – 150 b SZ...	210	535	3,0
HK1 – 200 b SZ...	210	535	3,2

Industrial LED luminaires

HERAKLES

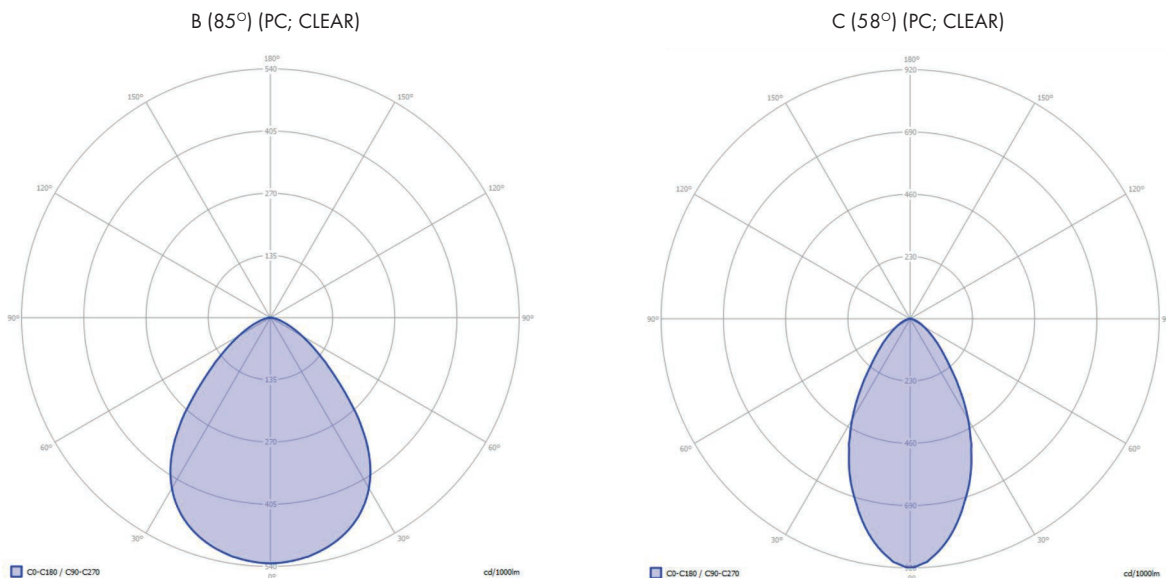
Luminaire power options

Luminaire type	HK1-100NSZ (100W)	HK1-150NSZ (150W)	HK1-200NSZ (200W)
Luminous flux	17 000 lm	24 700 lm	32 000 lm
Equivalent of	MH 250W	Sodium 50W	MH 400W
Application	Main lighting in low halls (5-8 m)	Main lighting in medium height halls (8-11 m)	Main lighting in high halls (10-14 m)

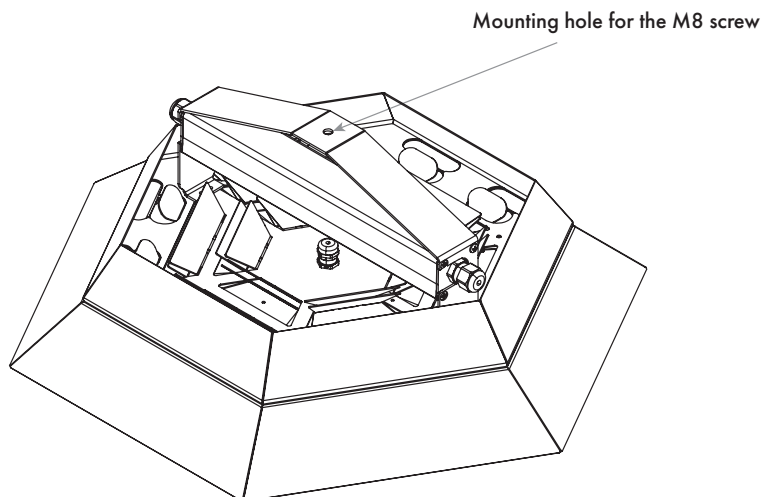
The above luminaire power and application recommendations are only indicative and apply to open halls. Actual luminaires are selected based on the specific lighting design.

Light distribution curve adjustment

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



Fast and easy installation



Coding of the Jazon luminaire

HK1 – PSP b LM c TC – O000

HK1 Product code – Herakles luminaire

PSP Power supply [W]:
100 – 100W
150 – 150W
200 – 200W

b Power supply control
N – No control
D – DALI
“-” – 1-10 V

L Luminaire diameter
S – 535 mm

M Mounting type
Z – suspended, single-point

c Power connection
“-” – Power cord 3 x 0,75 mm² 1,5 m
A – External quick connector M16

T Color temperature of light [K]
4 – 4000 K

C Color Rendering Index [CRI]
8 – Ra > 80

O Type of optics:
B – 85° transparent PC
C – 58° transparent PC

Coding example





















HK1 – 150 N SZ – 48 – B000

HK1 Herakles luminaire version: HK1
150 Power supply: 150 W
N No control
S Luminaire diameter: 535 mm
Z Suspended, single-point mounting type
- Power cord 1,5 m
4 Color temperature: 4000 K
8 CRI > 80
B000 Type of optics: 85° transparent PC

The technical specification is subject to change
210409V01

Industrial LED luminaires

HERAKLES

   	HERAKLES	 100-200 W	 53,5 cm H = 21 cm		 4000 K	
	HK1 230 VAC	 100.000 h	 3.0-3.2 kg	 IP 65	 80	
	  	 .. 170 lm/W	 DALI, 1-10V, NS	 IK 08	 -20° .. +45°C	

Company address

TheusLED „TNC INVESTMENTS” Sp. z o.o. Sp. k.
ul. Wałowska 19A, 02-451 Warszawa

E-mail

office@theusled.com

Telephone

+48 71 757 50 67

