

Industrial LED luminaires

HERACLES



Up to 90% savings in energy costs

Up to 200 W power versions

Luminous flux control

Compatible with light and motion sensors

Reliability

Manufactured in Poland



SOLUTIONS FOR:

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



Maximum savings

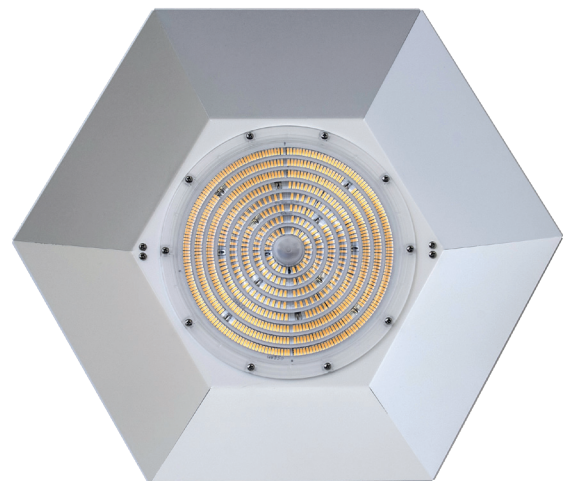
- High luminous efficiency of the luminaires thanks to cutting edge LED technology
- Compatible with reliable, technologically advanced light management system
- Break-resistant luminaires, no glass elements in the housing.

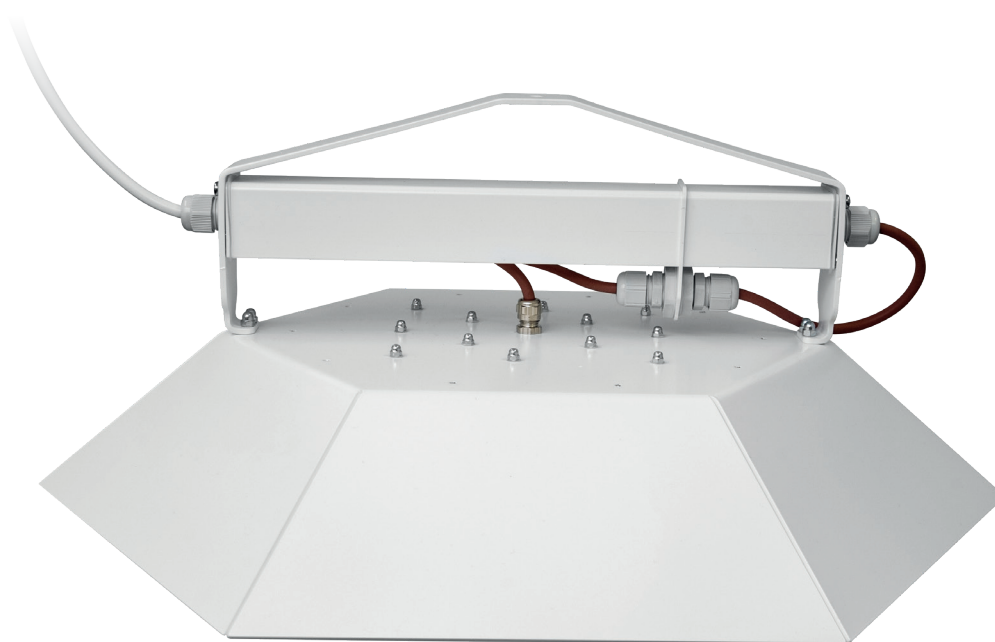
Convenience and comfort for installers and maintenance staff

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

User satisfaction and safety

- Manufactured in Poland, short lead time
- Power supplies from a renowned manufacturer with high efficiency and high power factor, protected against overheating, overload and short circuit
- Designed for long operating life
- 5-year warranty
- High colour rendering index $R_a > 80$
- Tested for high ambient temperatures and difficult conditions. IP65 certified luminaires for maximum protection
- High quality components
- Flicker-free, steady light stream.

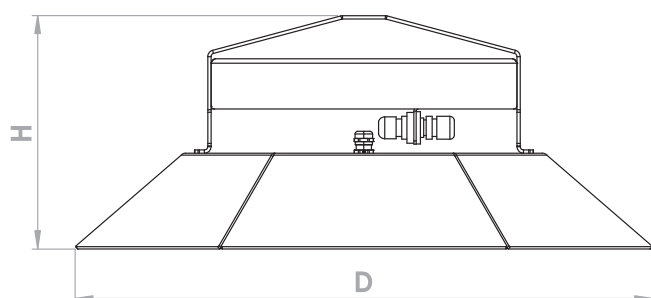




Technical specification

Source of light	LEDs	IP rating	IP65
LED lifetime	L70 > 115 000 h (ta = 25°C)	Electrical insulation class	class I
Correlated colour temperature	4000 K (others available on request)	Power factor	cos Φ > 0,98
Colour rendering index	Ra > 80	Power supply efficiency	η > 93%
Supply voltage	198 – 264 VAC	Brightness control	1-10 V, DALI (options)
Operating temperature (ta)	-25°C to +50°C (power ≤150W) -25°C to +45°C (power >150W)		

Dimensions and weight



	H)	D)	weight
Luminaire type	[mm]	[mm]	[kg]
HR1 – 100 b SZ...	154	389	2,9
HR1 – 100 b DZ...	214	527	3,8
HR1 – 140 b DZ...	214	527	3,8
HR1 – 200 b DZ...	214	527	3,8

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Luminaire power options

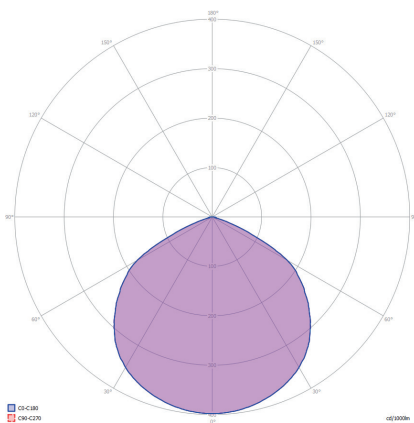
Luminaire type	HR1-100NDZ (100W)	HR1-140NDZ (140W)	HR1-200NDZ (200W)
Luminous flux optics type B000	18 000 lm	25 200 lm	34 800 lm
Equivalent of	MH 250W	Sodium 250W	MH 400W
Application	Main lighting in low halls	Main lighting in medium height halls	Main lighting in high halls

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.

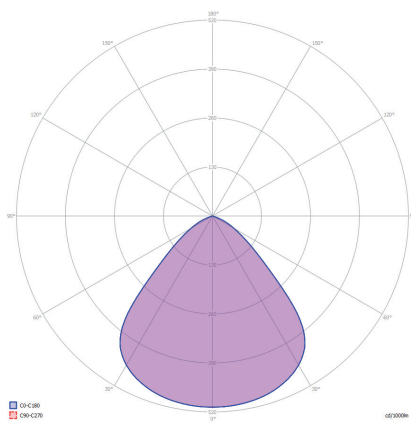
Light distribution curve adjustment

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

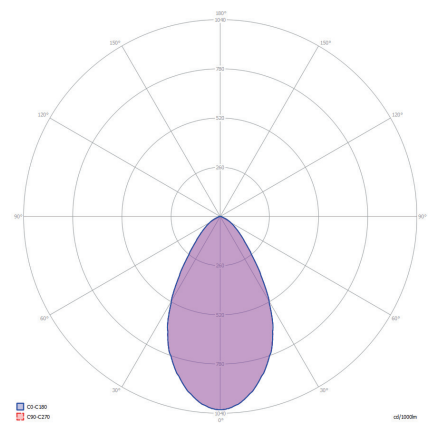
A/ G (108°) (PC; CLEAR)



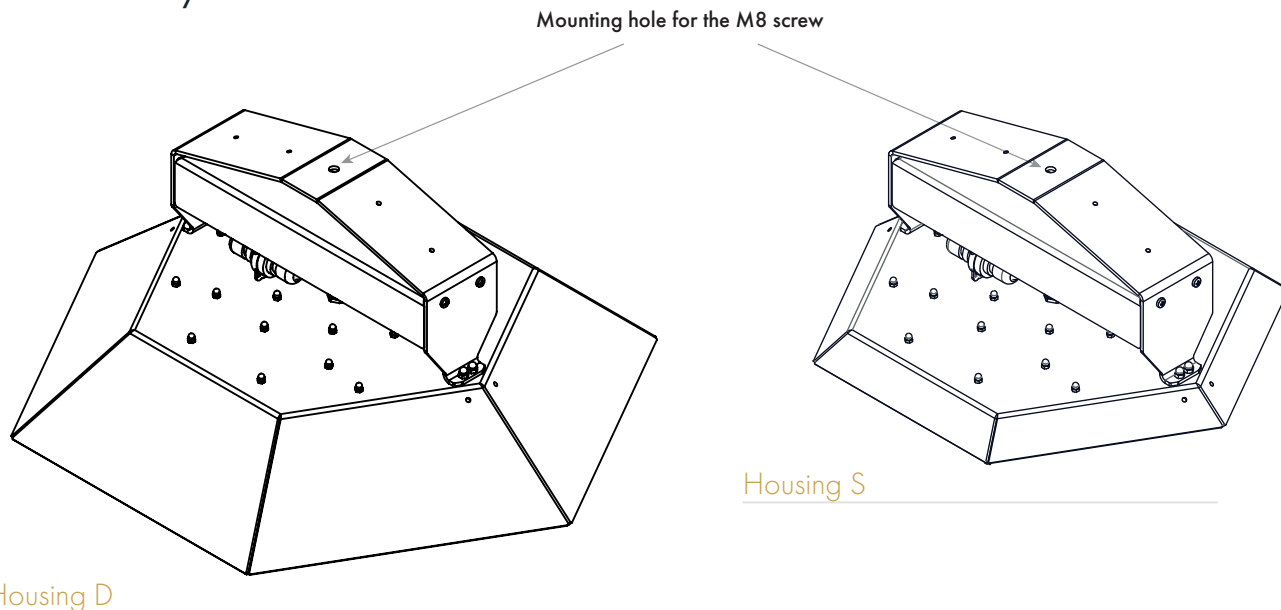
B (80°) (PC; CLEAR)



C (58°) (PC; CLEAR)



Fast and easy installation



Heracles luminaire series coding

HR1 – PSP b LM – TC – O000

HR1 Product code – Heracles luminaire

PSP Power supply output [W]:
100 – 100W
140 – 140W
200 – 200W

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

L Luminaire diameter
S – 389 mm
D – 527 mm

M Mounting type
Z – suspended, single-point

T Correlated colour temperature [K]
4 – 4000 K

C Colour rendering index [CRI]
8 – Ra > 80

O Type of optics:
A – 115° PC transparent IK04
B – 90° PC transparent IK10
C – 60° PC transparent IK10
G – 115° tempered glass 4mm IK09

Coding example

HR1 – 140 N DZ – 48 – B000

HR1 Heracles luminaire version: HR1
140 Power supply output: 140 W
N No control
D Luminaire diameter: 527 mm
Z Suspended, single-point mounting type
- Power cord 1,5 m
4 Correlated colour temperature: 4000 K
8 Colour rendering index: Ra > 80
B000 Type of optics: 90° PC transparent

The technical specification is subject to change
230327V06

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   	HERACLES HR1 230 VAC  	 100/140/200 W	 $\varnothing 38,9/52,7$ cm H = 15,4/21,4 cm		 4000 K	
		 115.000 h	 2.9/3.8 kg	 IP65	 80	
		 .. 180 lm/W	 DALI, 1-10V, NS	 IK04 IK09 IK10	 -25° ... +50°C	 OPT. GLASS

Company details

TheusLED Sp. z o.o.

ul. Wałowska 19A, 02-451 Warszawa, Poland

Sales and Production

ul. Grabskiego 22, 55-011 Siechnice, Poland

E-mail

office@theusled.com

Telephone

+48 71 757 50 67

