

HELEN
HBE150W

150W round LED high bay



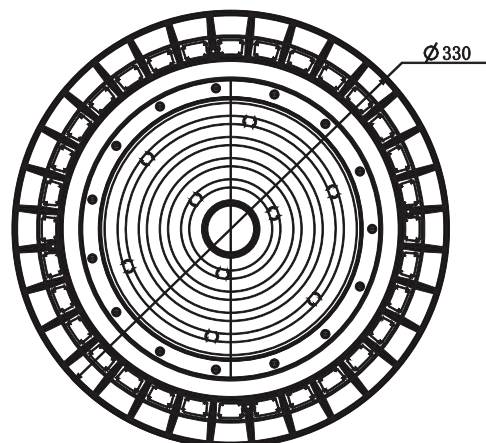
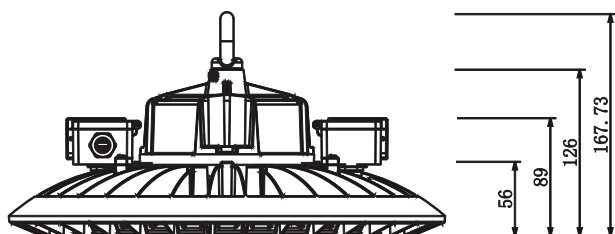
HIGH EFFICIENCY
130 lm/W



SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	220 ~ 240Vac
Mains frequency	50Hz
Power	150W
Power factor	> 0,9
LEDs n°	252 Chips LED
LED power	0,60W
IEC protection class	Class I
Photometric data	
Luminous efficiency	130 lm/W
CRI (Ra)	> 80
Luminous lux (Nominal / Real) CCT	21000lm · 19500lm · 5000K · BF 21000lm · 19500lm · 4000K · BN
Luminous intensity	14225 cd
SDCM Standard deviation colour adjustment	<3
Degree of opening	60°/90°/120°
Working Temp.	-10°C ~ +40°C
Switchovers n°	15.000
Certifications	CE, RoHS
Energy efficiency	A+
Working life	40.000h (L80B10)
Materials and physical characteristics	
Body	Aluminum alloy
Diffuser	PC
Heat sink	Aluminum alloy
Finish	Black RAL 9004
Measurements in mm (length x width x height)	Ø330 X 167,73
Weight (g)	2795
Characteristics	
IP Rating	IP65
IK Rating	IK08
Flicker	No
Options	
Dimming option	No
Emergency kit option	No
Sensor movement option	No
Packaging	
Packaging measurements	345 X 345 X 160
Packaging weight (kg)	3,245
Units (units/box)	1 units

Measurements in mm



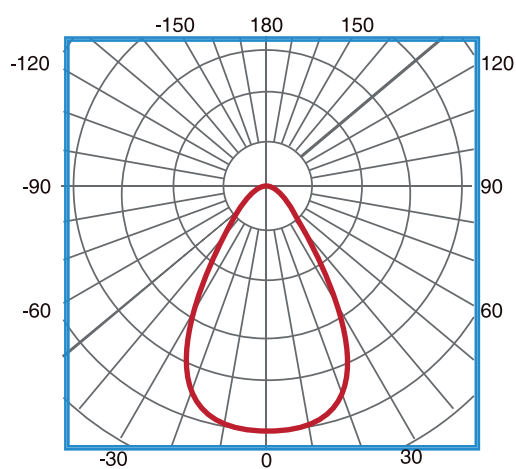
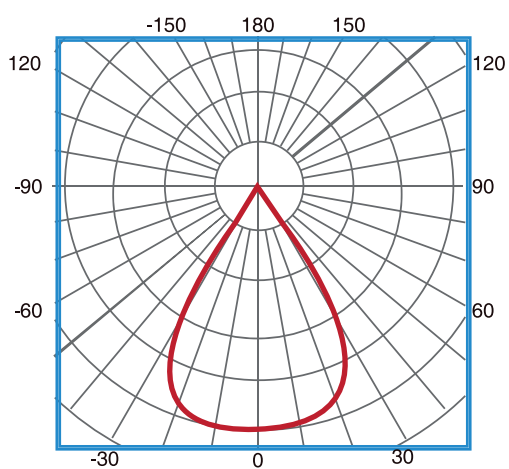
Optics

Beam angle 60°

H (m)	Diameter (m)	E _{max} (lx)
1	1,07	14180
2	2,15	3545
3	3,22	1576
4	4,29	886

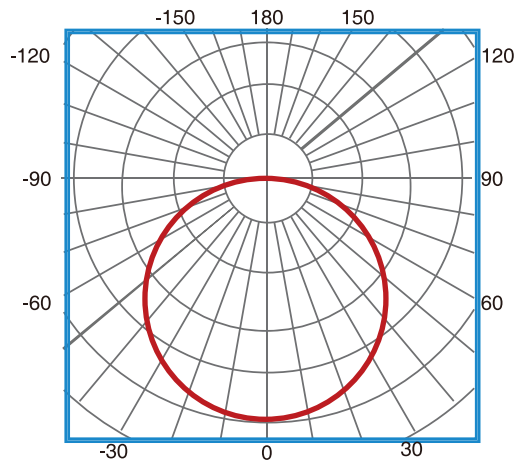
Beam angle 90°

H (m)	Diameter (m)	E _{max} (lx)
1	1,94	9451
2	3,87	2363
3	5,81	1050
4	7,75	591







Beam angle 120°

H (m)	Diameter (m)	E _{max} (lx)
1	3,13	7557
2	6,26	1889
3	9,39	840
4	12,52	472

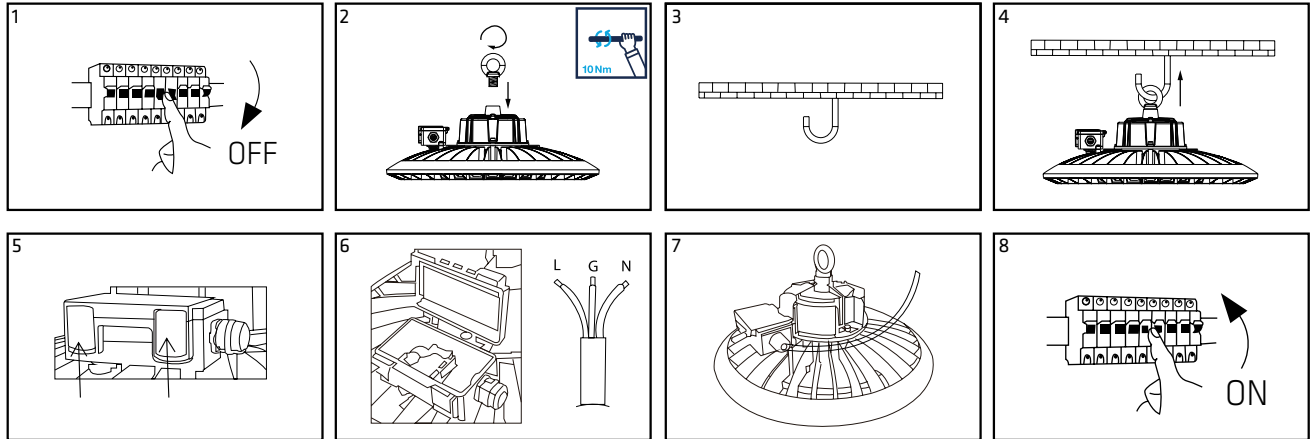


References

		W				CCT	CRI
HBE150WBF60	RAL9004	150 W	21000 lm	19500 lm	60°	BF: 5000K	> 80
HBE150WBF90	RAL9004	150 W	21000 lm	19500 lm	90°	BF: 5000K	> 80
HBE150WBF120	RAL9004	150 W	21000 lm	19500 lm	120°	BF: 5000K	> 80
HBE150WBN60	RAL9004	150 W	21000 lm	19500 lm	60°	BN: 4000K	> 80
HBE150WBN90	RAL9004	150 W	21000 lm	19500 lm	90°	BN: 4000K	> 80
HBE150WBN120	RAL9004	150 W	21000 lm	19500 lm	120°	BN: 4000K	> 80

Installation

HBE



HBEL

