

HELEN
HBE100W
100W round LED high bay



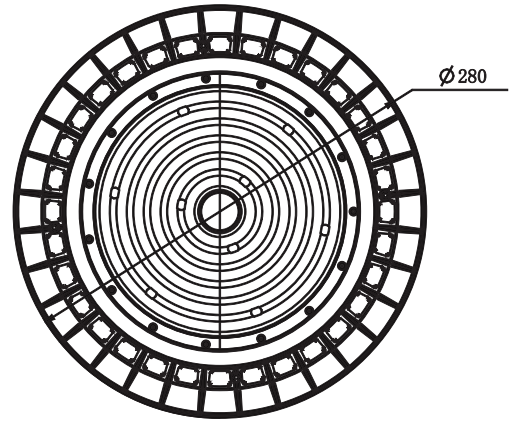
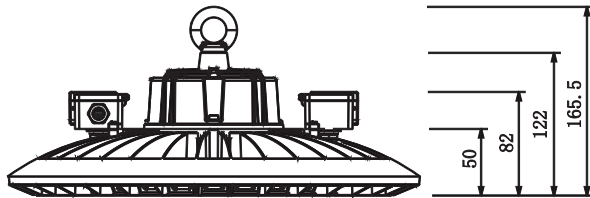
HIGH EFFICIENCY
130 lm/W



SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	220 ~ 240Vac
Mains frequency	50Hz
Power	100W
Power factor	> 0,9
LEDs n°	168 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	14000lm · 13000lm · 5000K · BF 14000lm · 13000lm · 4000K · BN
Luminous intensity	10672 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)	Ø280 X 165,5
Weight (g)	2275
Characteristics	
IP Rating	IP65
IK Rating	IK08
Flicker	No
Options	
Dimming option	No
Emergency kit option	No
Sensor movement option	No
Packaging	
Packaging measurements	295 X 295 X 150
Packaging weight (kg)	2,625
Units (units/box)	1 units

Measurements in mm



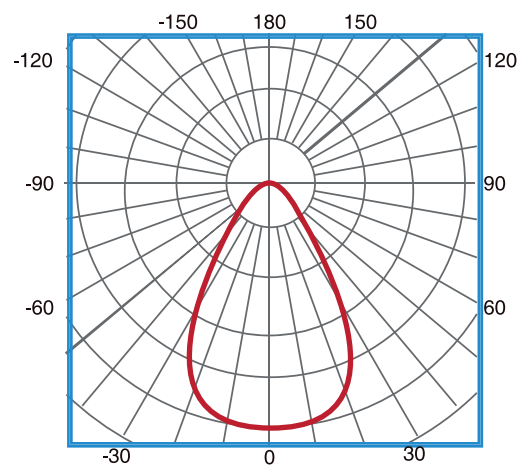
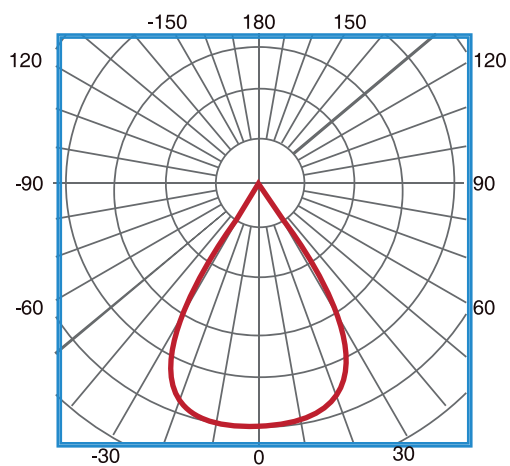
Optics

Beam angle 60°

H (m)	Diameter (m)	E _{max} (lx)
1	0,99	10857
2	1,97	2714
3	2,96	1206
4	3,94	679

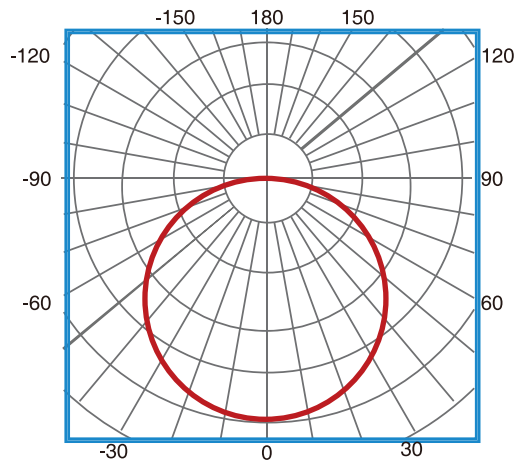
Beam angle 90°

H (m)	Diameter (m)	E _{max} (lx)
1	2,18	5810
2	4,35	1452
3	6,53	646
4	8,71	363




Beam angle 120°

H (m)	Diameter (m)	E _{max} (lx)
1	3,13	4721
2	6,26	1180
3	9,39	525
4	12,52	295

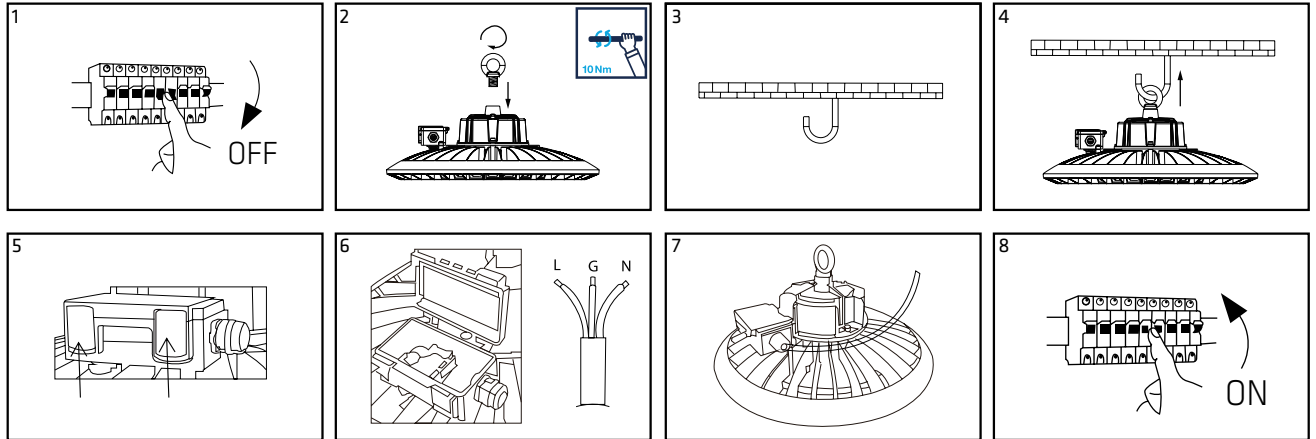


References

		W				CCT	CRI
HBE100WBF60	RAL9004	100 W	14000 lm	13000 lm	60°	BF: 5000K	> 80
HBE100WBF90	RAL9004	100 W	14000 lm	13000 lm	90°	BF: 5000K	> 80
HBE100WBF120	RAL9004	100 W	14000 lm	13000 lm	120°	BF: 5000K	> 80
HBE100WBN60	RAL9004	100 W	14000 lm	13000 lm	60°	BN: 4000K	> 80
HBE100WBN90	RAL9004	100 W	14000 lm	13000 lm	90°	BN: 4000K	> 80
HBE100WBN120	RAL9004	100 W	14000 lm	13000 lm	120°	BN: 4000K	> 80

Installation

HBE



HBEL

