

Horticulture Lighting

Proficient Series

HLHBL731W

Description

- High power LED with essential spectrum for general plant growth.
- Precise light distribution to reach high PPFD for plant farming.
- Suitable for human visual system and excellent color saturation.
- Long lifetime with less energy consumption.
- Support and advice for your requirements.

Specification

Housing : Aluminum Alloy and Acrylic cover

Finishing : Anodic oxidation

Power : 130 W $\pm$ 10%

Input Voltage : 100-240Vac,50Hz

Power Factor : >0.9

THDi : <15%

Luminous Flux : >16000 lm

PPFD : 320 μ mol/m²/s@ 60cm

Beam Angle : 90 degree

Control : Dimmable 0-10Vdc (Optional)

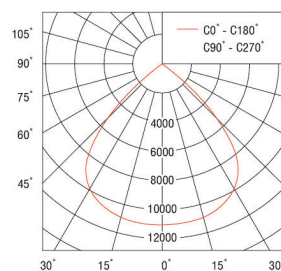
IP Rating : IP65

LED Lifetime : 50000 hrs.

Warranty : 2 years



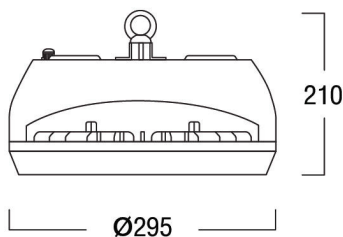
Polar Curve



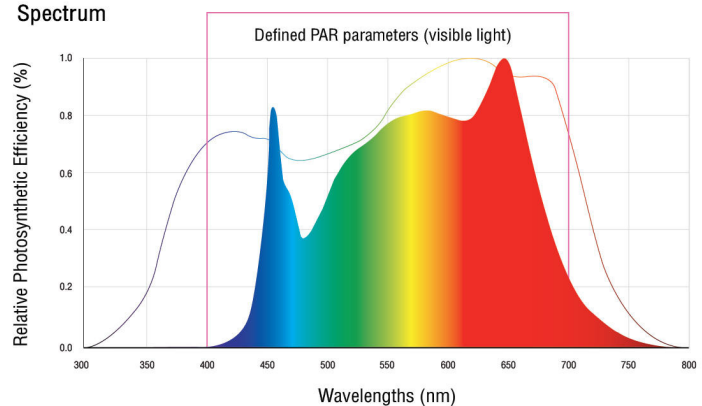
11	30	50	73	80	73	51	31	12
30	74	112	151	164	151	112	75	32
50	112	162	214	230	214	162	113	52
74	153	215	280	302	281	215	154	76
82	167	233	304	327	303	233	168	85
75	156	219	284	305	283	217	156	78
51	116	168	220	236	219	167	117	54
30	77	117	158	171	158	118	79	32
11	31	52	77	85	77	53	32	11

PPFD (area : 120x120 cm, height : 60 cm)

Dimension



Spectrum



Product	Power(W)	Voltage(V)	Application
HLHBL731W	130W	100-240 Vac	Horticulture