

# Horticulture Lighting

## Proficient Series

HLHBL731W



Promotes  
Healthy Growth



Excellent  
Color Saturation



Energy Saving  
& Long Lifetime

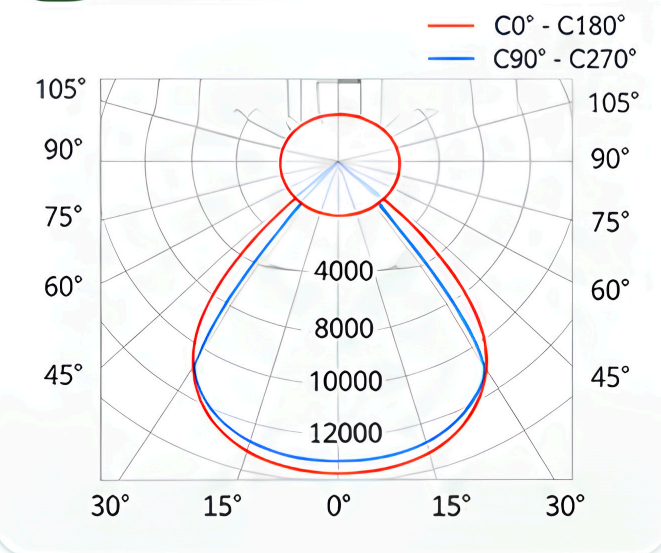


Suitable for  
Indoor Plants

### 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 $\mu$ mol/m <sup>2</sup> /s @ 60cm |
|  | Beam Angle    | : 90 degree                              |
|  | Control       | : Dimmable 0-10Vdc (Optional)            |
|  | IP Rating     | : IP65                                   |
|  | LED Lifetime  | : 50000 hrs.                             |
|  | Warranty      | : 2 years                                |

### Polar Curve

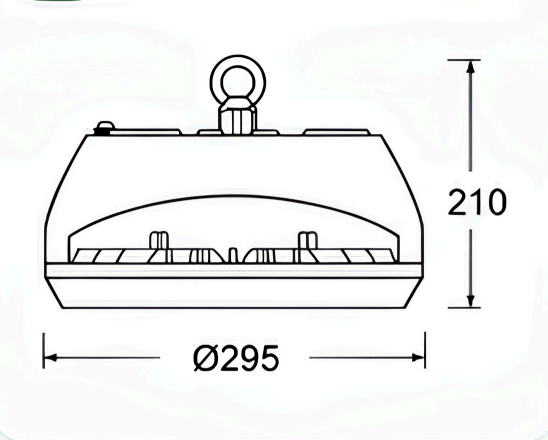


### PPFD

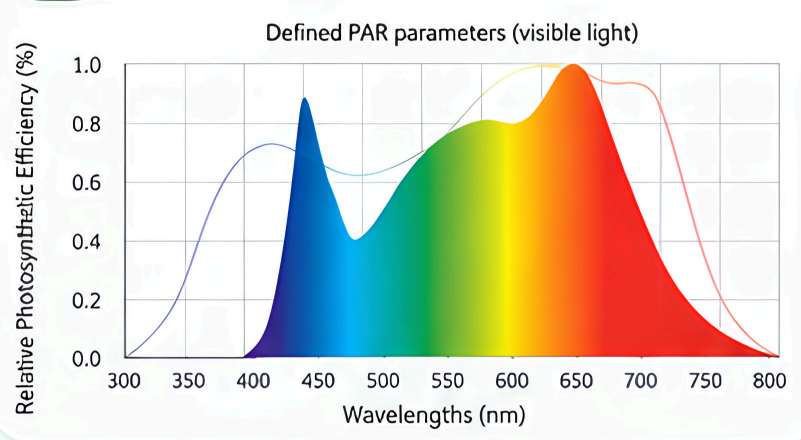
|    |     |     |     |     |     |     |     |    |
|----|-----|-----|-----|-----|-----|-----|-----|----|
| 11 | 36  | 50  | 72  | 80  | 72  | 51  | 31  | 12 |
| 30 | 74  | 112 | 150 | 184 | 153 | 113 | 77  | 32 |
| 37 | 112 | 168 | 223 | 266 | 222 | 161 | 113 | 53 |
| 45 | 158 | 235 | 332 | 385 | 331 | 246 | 154 | 78 |
| 51 | 142 | 214 | 299 | 362 | 298 | 222 | 148 | 76 |
| 45 | 110 | 179 | 247 | 291 | 241 | 179 | 118 | 57 |
| 31 | 78  | 115 | 161 | 187 | 161 | 121 | 80  | 32 |
| 12 | 33  | 53  | 77  | 94  | 79  | 56  | 37  | 12 |

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

### Dimension



### Spectrum



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