

## Product Specifications

### 240°Beam Angle Under Canopy Grow Light



## PRODUCT DESCRIPTION

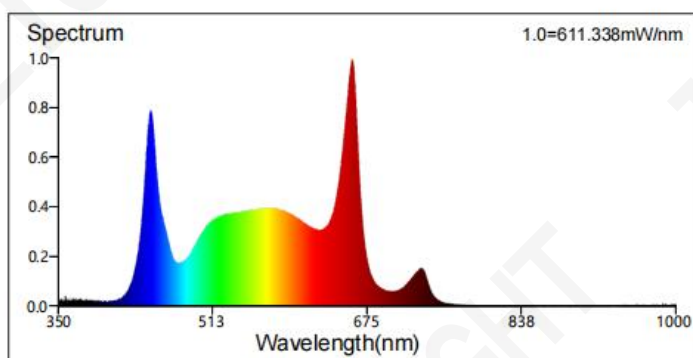
The three-sided inter-plant supplemental light is specialized lighting equipment designed for dense plant growth. The beam angle can reach 240°~270°. Its long strip-shaped body features three independent lighting surfaces (front, left, and right), which can directly project light onto the middle and lower parts of the crop canopy and the back of stems and leaves, areas difficult to reach by traditional overhead supplemental lights. This effectively solves the "light shading" problem and maximizes light energy utilization.

## SPECIFICATIONS

| Model          | JT-UCL120W-240D           | JT-UCL150W-240D           |
|----------------|---------------------------|---------------------------|
| Watts          | 120                       | 150                       |
| Light source   | 3030 LED                  | 3030 LED                  |
| Full Spectrum  | Full spectrum+660nm+730nm | Full spectrum+660nm+730nm |
| PPF            | 336 umol/S                | 436 umol/S                |
| PPE            | 2.9 umol/J                | 3.0 umol/J                |
| Input Voltage  | AC100~277V                | AC100~277V                |
| Dimming        | 0~10V                     | 0~10V                     |
| PF             | ≥0.95                     | ≥0.95                     |
| IP Rate        | IP66                      | IP66                      |
| Dimensions     | L1120*W81.5*H108.7mm      | L1120*W81.5*H108.7mm      |
| Package Size   | L118*W36*H19cm            | L118*W36*H19cm            |
| Weight         | 2.5kg                     | 2.5kg                     |
| Beam angle     | 240°~270°                 | 240°~270°                 |
| CRI            | 95                        | 95                        |
| Cooling method | passive cooling           | passive cooling           |
| Lifetime       | >50,000H                  | >50,000H                  |
| Warranty       | 3 Year                    | 3 Year                    |



## SPECTRUM CHART



## PRODUCT DISPLAY



Irradiation Angle 240°



Series Connection



Adjustable hanging height



## DIMENSIONS (unit:mm)



## PPFD CHART

120W 30cm(12") Height PPFD Test  
Test area: 1.2\*0.6m

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 257 | 272 | 281 | 299 | 301 | 321 | 318 | 308 | 295 | 287 | 266 | 253 |
| 265 | 284 | 315 | 326 | 359 | 369 | 302 | 304 | 305 | 311 | 283 | 287 |
| 306 | 323 | 346 | 363 | 370 | 379 | 373 | 372 | 370 | 364 | 340 | 301 |
| 298 | 319 | 333 | 334 | 336 | 365 | 363 | 368 | 358 | 332 | 325 | 294 |
| 263 | 271 | 286 | 289 | 303 | 317 | 314 | 311 | 288 | 280 | 279 | 267 |

120W 40cm(16") Height PPFD Test  
Test area: 1.2\*0.6m

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 178 | 196 | 198 | 218 | 233 | 238 | 225 | 224 | 222 | 216 | 194 | 187 |
| 196 | 217 | 227 | 248 | 265 | 268 | 269 | 268 | 260 | 246 | 221 | 214 |
| 210 | 229 | 247 | 267 | 277 | 284 | 283 | 280 | 274 | 260 | 232 | 220 |
| 205 | 221 | 239 | 259 | 265 | 270 | 279 | 265 | 250 | 235 | 223 | 203 |
| 181 | 193 | 212 | 220 | 212 | 233 | 239 | 235 | 229 | 217 | 199 | 180 |

## PACKING DETAILS

| Power     | Fixture dimensions   | Packing size   | G.W./PCS    |
|-----------|----------------------|----------------|-------------|
| 120W/150W | L1120*W81.5*H108.7mm | L118*W36*H19cm | 16.3kg/6pcs |