

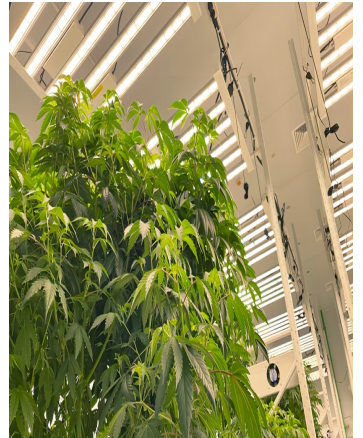
# Product Manual

## 1200W Foldable LED Grow Light



### Features:

- ▶ mainly for hemp lighting.
- ▶ High quality Driver
- ▶ Wide input voltage AC110-277V or dimmable
- ▶ Best heat sink to get the best heat dissipation
- ▶ Easy to install and operate
- ▶ Energy saving, Instant start, NO flickering, NO humming, long service life, increase hemp output.



### Applications:

- 3years warranty
- Mainly used for indoor hemp/Cannabis/Marijuana lightings.

**CE** **FC** **RoHS**

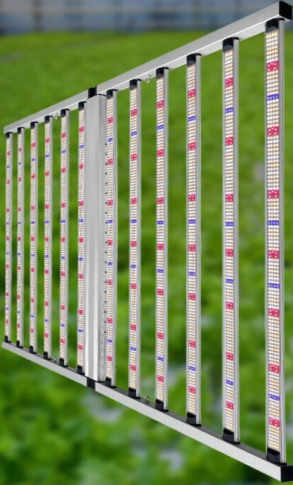
.Product Specifications:

| Product Name           | 1200W LED Grow Light                                                                                 |       |       |       |
|------------------------|------------------------------------------------------------------------------------------------------|-------|-------|-------|
| Model number           | JT12-1200W                                                                                           |       |       |       |
| Power                  | 1200W +/-5%                                                                                          |       |       |       |
| Input voltage          | 110-277VAC 50/60Hz                                                                                   |       |       |       |
| LED Driver             | UL CE Driver                                                                                         |       |       |       |
| Lumen                  | 192000LM                                                                                             |       |       |       |
| Lumen efficiency CRI   | 160LM/W >80                                                                                          |       |       |       |
| PPF (380-780nm)        | 3360μmol/S                                                                                           |       |       |       |
| EFF                    | 2.8μmol/J                                                                                            |       |       |       |
| Color                  | Full spectrum white light+660nm+730nm                                                                |       |       |       |
| Led brand              | 392pcs 2835 white light+35pcs 3030 660nm+7pcs 3030 730nm                                             |       |       |       |
| Mounting height        | ≥ 6" (15.2cm) Above canopy                                                                           |       |       |       |
| Supplementation time   | 1. Vegetative Stage: 12 - 14 hours on; Flowering Stage: 9-12 hours on; Fruiting Stage: 7-8 hours on. |       |       |       |
| PF                     | >0.95                                                                                                |       |       |       |
| THD                    | <15%                                                                                                 |       |       |       |
| Bar                    | 12                                                                                                   |       |       |       |
| Angle                  | 120°                                                                                                 |       |       |       |
| Housing color/Material | Silvery/Aluminum                                                                                     |       |       |       |
| Coverage               | 5x8ft                                                                                                |       |       |       |
| IP                     | IP54 (Indoor using)                                                                                  |       |       |       |
| Lifespan               | >50,000H                                                                                             |       |       |       |
| Working Temperature    | -20℃~+45℃                                                                                            |       |       |       |
| Operating Humidity     | <95%                                                                                                 |       |       |       |
| Storage Temperature    | -40℃~+80℃                                                                                            |       |       |       |
| Input voltage (AC)     | 110 V                                                                                                | 220 V | 240 V | 277 V |
| Input current at 100%  | 11A                                                                                                  | 5.5A  | 5A    | 4.4A  |

Product Detail:



### 1200W LED GROW LIGHT



**LAMP BEADS**  
LM281B/LM301H

**DIMMING**  
0-10V Dimming

**2.8 umol/J**

**High Efficient**

**3360 umol/s**

**High PPFD**

**RJ45 PORT**

**Series lighting**

**WATERPROOF**

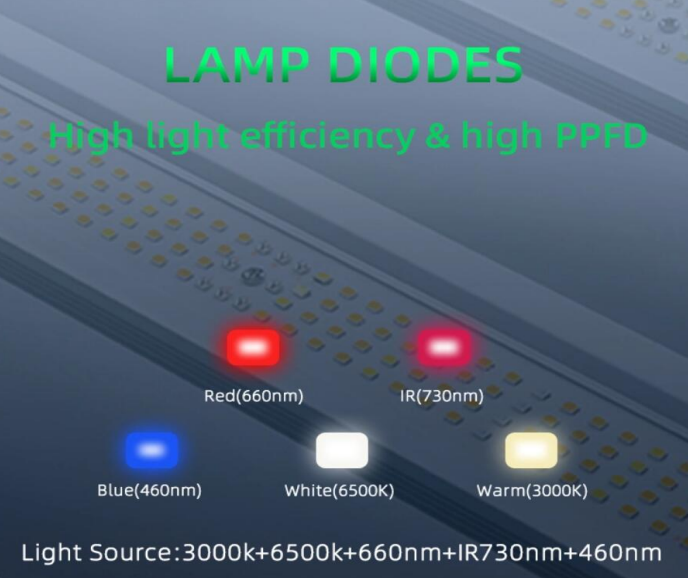
**IP54 waterproof**

**5 YEARS**

**Warranty**

### LAMP DIODES

High light efficiency & high PPFD



**Blue(460nm)**

**White(6500K)**

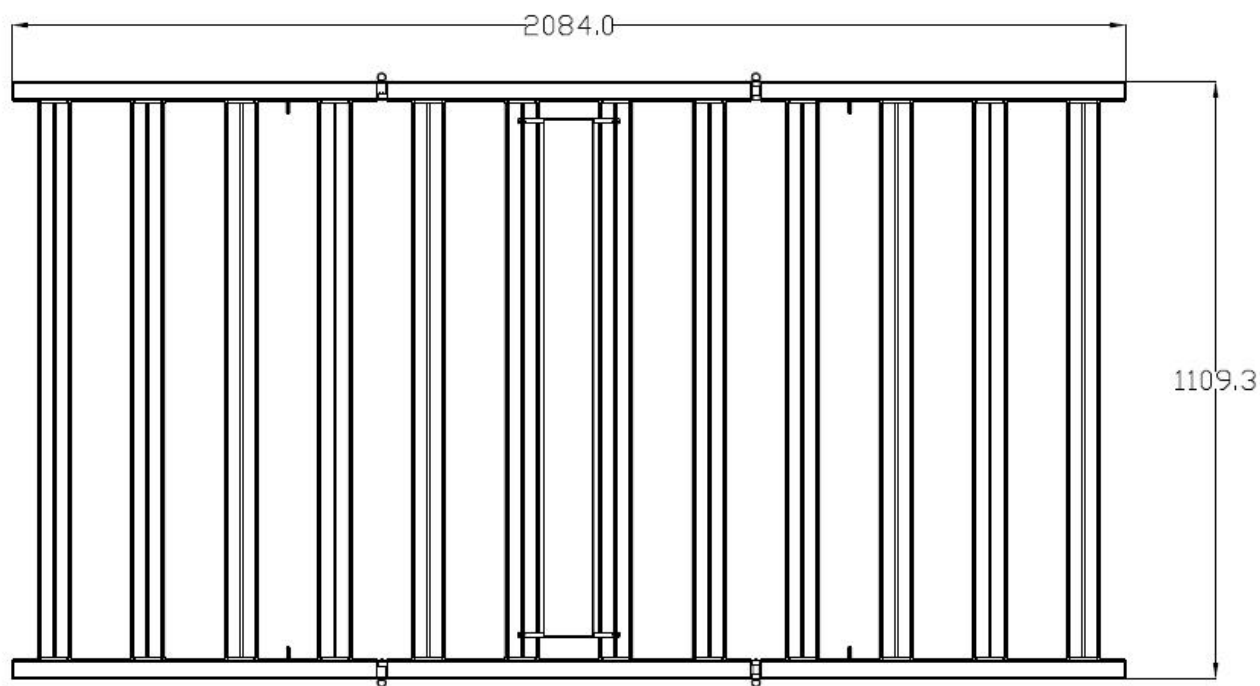
**Warm(3000K)**

**Red(660nm)**

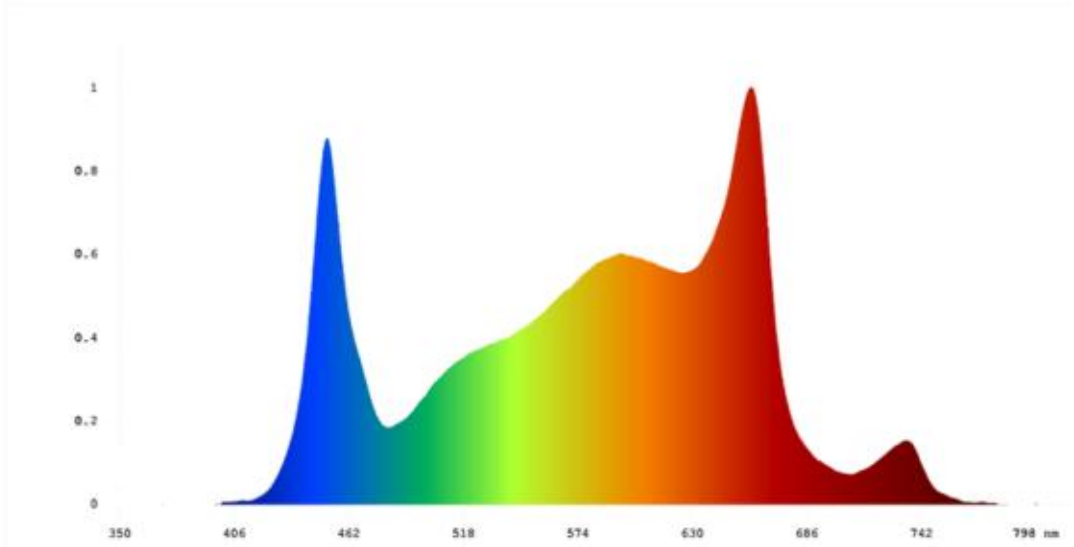
**IR(730nm)**

Light Source:3000k+6500k+660nm+IR730nm+460nm

.Dimension(mm ±2mm):



.Spectrum



•PPFD Distribution:

30cm

|     |      |      |      |      |      |      |      |     |
|-----|------|------|------|------|------|------|------|-----|
| 395 | 432  | 491  | 584  | 634  | 574  | 483  | 443  | 396 |
| 523 | 899  | 951  | 982  | 1051 | 992  | 946  | 887  | 531 |
| 635 | 894  | 944  | 1081 | 1331 | 1085 | 1082 | 1055 | 636 |
| 752 | 1064 | 1083 | 1087 | 1345 | 1088 | 1084 | 1061 | 746 |
| 808 | 1294 | 1299 | 1312 | 1350 | 1302 | 1295 | 1290 | 807 |
| 735 | 1062 | 1081 | 1084 | 1343 | 1085 | 1083 | 1052 | 741 |
| 634 | 951  | 1083 | 1084 | 1336 | 1082 | 1081 | 957  | 637 |
| 527 | 894  | 951  | 983  | 1040 | 987  | 942  | 896  | 526 |
| 392 | 436  | 497  | 584  | 630  | 586  | 496  | 435  | 394 |

45cm

|     |      |      |      |      |      |      |      |     |
|-----|------|------|------|------|------|------|------|-----|
| 349 | 419  | 495  | 542  | 583  | 536  | 498  | 413  | 356 |
| 423 | 677  | 824  | 956  | 1042 | 962  | 834  | 679  | 426 |
| 463 | 842  | 939  | 1022 | 1043 | 1016 | 936  | 837  | 469 |
| 534 | 1026 | 1043 | 1088 | 1052 | 1089 | 1042 | 1024 | 541 |
| 587 | 1082 | 1083 | 1089 | 1072 | 1088 | 1084 | 1078 | 596 |
| 542 | 1022 | 1042 | 1083 | 1046 | 1085 | 1038 | 1022 | 537 |
| 466 | 832  | 937  | 1015 | 1040 | 1013 | 933  | 836  | 467 |
| 427 | 668  | 835  | 948  | 1034 | 954  | 828  | 673  | 421 |
| 355 | 421  | 488  | 544  | 585  | 537  | 492  | 416  | 353 |

60cm

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 384 | 394 | 431 | 457 | 486 | 453 | 437 | 396 | 381 |
| 465 | 563 | 648 | 736 | 793 | 735 | 647 | 562 | 468 |
| 497 | 632 | 679 | 766 | 817 | 762 | 677 | 631 | 495 |
| 513 | 692 | 767 | 843 | 849 | 851 | 763 | 694 | 513 |
| 534 | 775 | 836 | 867 | 857 | 895 | 833 | 771 | 531 |
| 518 | 697 | 758 | 856 | 859 | 854 | 761 | 693 | 511 |
| 493 | 627 | 682 | 763 | 814 | 764 | 679 | 628 | 492 |
| 463 | 568 | 653 | 738 | 794 | 731 | 649 | 564 | 462 |
| 385 | 397 | 433 | 459 | 488 | 455 | 431 | 394 | 383 |

.Carton Box Dimension:

|              |                         |
|--------------|-------------------------|
| Package      | Dimension               |
|              | Foldable LED Grow Light |
| Carton       | 1130*620*120mm          |
| Net Weight   | 17.3kg                  |
| Gross Weight | 21.2kg                  |