



WATTS: 330W

VOLTAGE: 100-277V SKU: IL-iLOGIC6-UVIR

VOLTAGE: 200-480V SKU: IL-iLOGIC6-UVIR-480

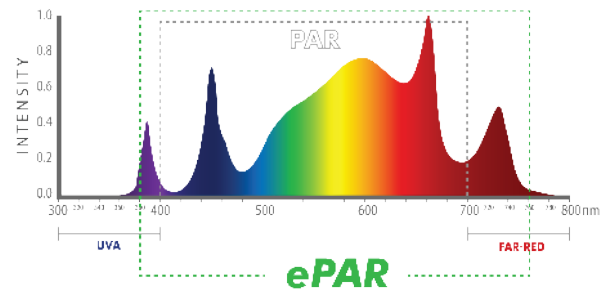
LED Lighting Solution

TECHNICAL SPECS

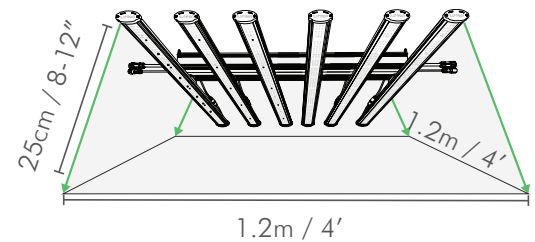
|                            |                              |
|----------------------------|------------------------------|
| Voltage Range (+/-10%)     | 100-277V                     |
| ePAR                       | 945 $\mu\text{mol/s}$        |
| ePAR Efficacy              | 2.85 $\mu\text{mol/J}$       |
| Min Power Factor           | 0.95                         |
| THD                        | < 20%                        |
| Crest Factor               | 1.5                          |
| BTU                        | 1126                         |
| Frequency                  | 50 / 60Hz                    |
| Dimmable                   | 0-10V Controllable           |
| Ambient Temperature        | 0 - 35°C / 32-95°F           |
| Relative Humidity          | 85%                          |
| Color Temperature          | 3300k                        |
| Color Rendering Index      | 85                           |
| Minimum Mounting Height    | 8-12" to top of Canopy       |
| Emitter Cooling            | Passive / Extruded Case      |
| Light Distribution         | 120°                         |
| Waterproof Rating          | IP66 for Damp/Wet Conditions |
| LED Lifespan (90% of Life) | 50,000+ hours                |



UV + Far-Red LED SPECTRUM

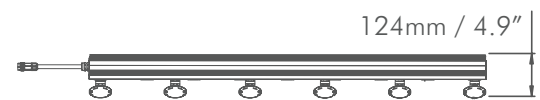
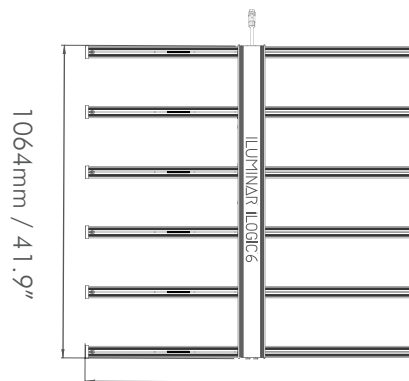


MOUNTING & COVERAGE



PHYSICAL SPECIFICATIONS

|        |          |         |
|--------|----------|---------|
| Length | 1064 mm  | 41.9"   |
| Width  | 1002 mm  | 39.4"   |
| Height | 124.3 mm | 4.9"    |
| Weight | 20.7kg   | 45.6lbs |



VOLTAGE AND AMPERAGE

|      |       |      |
|------|-------|------|
| 120V | 3.1A  | 350W |
| 208V | 1.53A | 302W |
| 240V | 1.32A | 301W |
| 277V | 1.25A | 330W |

mA INFORMATION

|          |        |
|----------|--------|
| Average: | 0.3mA  |
| Min:     | 0.2mA  |
| Max:     | 0.45mA |



iluminarlighting.com  
Toll Free: 1-877-540-5588

**5 YEAR**  
WARRANTY

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# PPFD MAP

## Legend



| ft    | -1.75 | -1.25 | -0.75 | -0.25 | 0.25 | 0.75 | 1.25 | 1.75 |
|-------|-------|-------|-------|-------|------|------|------|------|
| -1.75 | 174   | 299   | 333   | 342   | 342  | 333  | 299  | 172  |
| -1.25 | 363   | 647   | 711   | 724   | 724  | 711  | 647  | 363  |
| -0.75 | 417   | 738   | 814   | 831   | 831  | 814  | 738  | 417  |
| -0.25 | 427   | 755   | 834   | 851   | 851  | 834  | 755  | 428  |
| 0.25  | 427   | 754   | 833   | 850   | 850  | 833  | 754  | 427  |
| 0.75  | 414   | 734   | 809   | 825   | 825  | 809  | 734  | 414  |
| 1.25  | 357   | 638   | 700   | 713   | 713  | 700  | 638  | 358  |
| 1.75  | 185   | 287   | 320   | 328   | 328  | 320  | 288  | 166  |

**Clearance** 0.5 ft / 6"  
**Qty** 1u  
**Average PPFD** 575.47  $\mu\text{mol/s/m}^2$   
**Max PPFD** 851  $\mu\text{mol/s/m}^2$   
**Min PPFD** 165  $\mu\text{mol/s/m}^2$   
**Median PPFD** 673.5  $\mu\text{mol/s/m}^2$   
**Min/Average** 28.67 %

| ft    | -1.75 | -1.25 | -0.75 | -0.25 | 0.25 | 0.75 | 1.25 | 1.75 |
|-------|-------|-------|-------|-------|------|------|------|------|
| -1.75 | 193   | 282   | 332   | 351   | 351  | 332  | 281  | 192  |
| -1.25 | 299   | 447   | 526   | 554   | 554  | 525  | 446  | 298  |
| -0.75 | 362   | 543   | 640   | 674   | 674  | 639  | 542  | 362  |
| -0.25 | 385   | 577   | 681   | 718   | 718  | 680  | 577  | 385  |
| 0.25  | 384   | 576   | 679   | 716   | 716  | 679  | 575  | 384  |
| 0.75  | 357   | 537   | 633   | 668   | 668  | 633  | 538  | 358  |
| 1.25  | 292   | 438   | 516   | 544   | 544  | 516  | 439  | 293  |
| 1.75  | 185   | 272   | 321   | 340   | 340  | 321  | 273  | 186  |

**Clearance** 1 ft / 12"  
**Qty** 1u  
**Average PPFD** 469.39  $\mu\text{mol/s/m}^2$   
**Max PPFD** 718  $\mu\text{mol/s/m}^2$   
**Min PPFD** 185  $\mu\text{mol/s/m}^2$   
**Median PPFD** 481.5  $\mu\text{mol/s/m}^2$   
**Min/Average** 39.41 %

| ft    | -1.75 | -1.25 | -0.75 | -0.25 | 0.25 | 0.75 | 1.25 | 1.75 |
|-------|-------|-------|-------|-------|------|------|------|------|
| -1.75 | 174   | 218   | 250   | 267   | 267  | 250  | 217  | 173  |
| -1.25 | 221   | 279   | 323   | 345   | 345  | 322  | 279  | 220  |
| -0.75 | 256   | 326   | 378   | 405   | 405  | 378  | 326  | 256  |
| -0.25 | 274   | 350   | 406   | 435   | 435  | 406  | 350  | 274  |
| 0.25  | 273   | 349   | 405   | 434   | 434  | 405  | 349  | 274  |
| 0.75  | 253   | 323   | 374   | 401   | 401  | 375  | 323  | 254  |
| 1.25  | 216   | 274   | 317   | 340   | 340  | 318  | 275  | 217  |
| 1.75  | 169   | 212   | 244   | 261   | 261  | 244  | 212  | 170  |

**Clearance** 2 ft / 24"  
**Qty** 1u  
**Average PPFD** 304.8  $\mu\text{mol/s/m}^2$   
**Max PPFD** 435  $\mu\text{mol/s/m}^2$   
**Min PPFD** 169  $\mu\text{mol/s/m}^2$   
**Median PPFD** 298  $\mu\text{mol/s/m}^2$   
**Min/Average** 55.45 %

To view more PPFD map distances please contact us