

Pro line

Gavita[®] Pro CT 1930e LED

FIXTURE PART NO: HGC 906740

The CT 1930e delivers more crop-loving light in a broader spectrum, with internal testing showing a 27% increase in bud yield vs. HPS.* With a footprint designed to fit seamlessly in existing HPS layouts, the CT 1930e is more than a massively energy efficient LED delivering serious growing power. It's designed to be the truest 1:1 replacement for 1000 W DE HPS fixtures like the Gavita Pro 1000e that revolutionized the industry nearly three decades ago. Plug-and-play compatibility with wiring for most indoor growing environments means this compact toplight is able to dramatically reduce the cost and downtime required, until now, to convert facilities of every size. All of this at up to 20% energy savings than vs. 1000 W DE HPS fixtures (based on average wattage of each fixture). *Compatible with both Gavita Master Controllers and most building automation systems.*

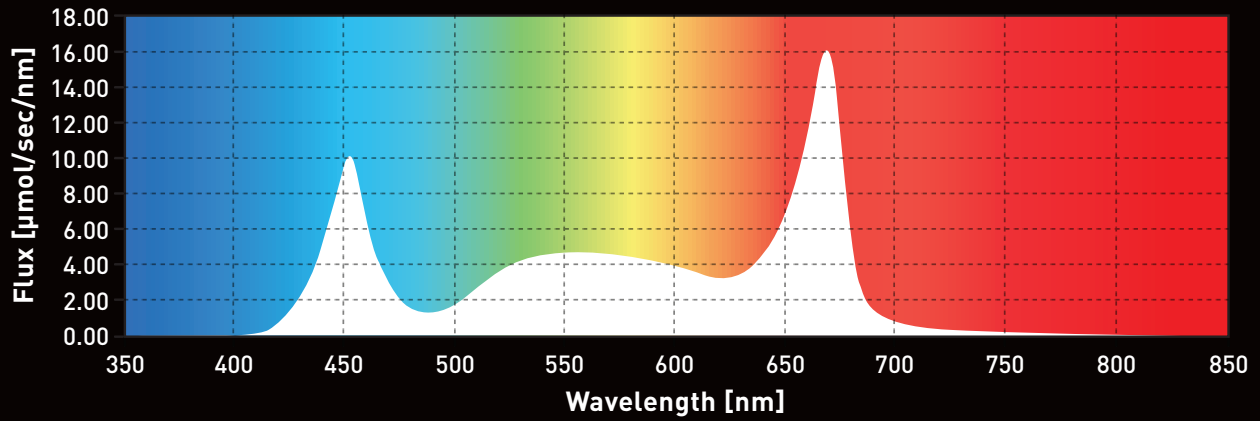
FEATURES:

- 27% increase in bud yield vs. HPS*
- Massive 1930 μmol output for more crop-loving light at up to 20% energy savings vs. 1000 W DE HPS fixtures (energy savings based on average wattage of each fixture)
- Compact design fits right in most HPS layouts, reducing the pain when replacing hundreds at a time
- Plug-and-play installation for instant HPS conversions—little to no wiring required when paired with adapting cord (***sold separately***)
- Wide, even light distribution indiscernible from HPS light throw, with better uniformity.
- The first indoor-specific compact toplight crafted to serve as a primary light source
- Built-in surge suppression (6kV) to help protect the fixture in the case of a power surge
- Individual fixture thermal protection
- IP66 wet rating and ANSI/CAN/UL 8800 compliant
- Cold forged aluminum heat sink for maximized passive cooling
- DLC listed, demonstrating compliance with rigorous energy efficiency and safety standards
- 5 year limited warranty*
- Compatible with 0-10 volt building automation systems
- Add Gavita Master Controllers for convenient, centralized control
- ETL Listed
- Dim: 28.7 in x 11.8 in x 4 in
- Weight: 33.3 lb

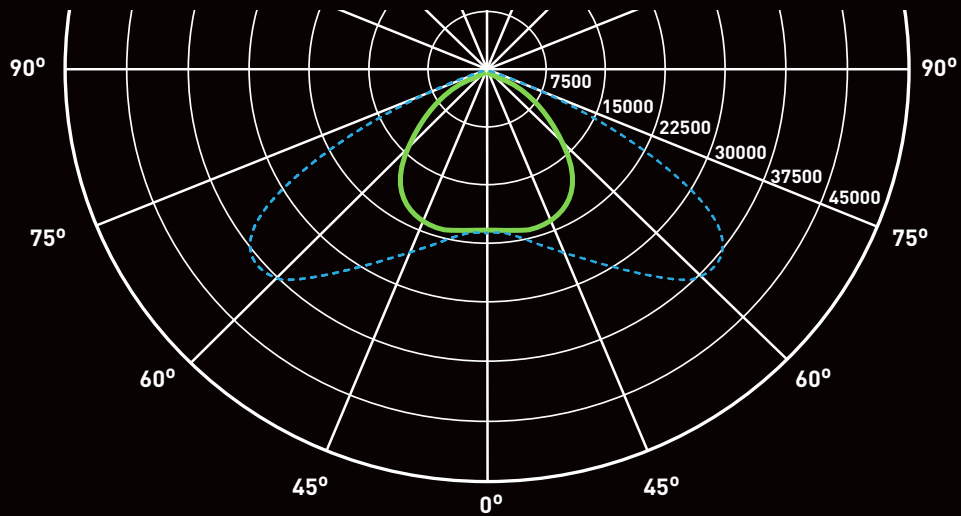
*Internal testing conducted on a Type I cultivar in Kelowna, Canada utilizing the Flora Pro Expert feed program. Actual results will vary depending upon specific growing conditions.

Color Spectrum

Photon Flux vs Wavelength



Light Distribution - Candela Distribution Chart



180 Deg. Plane 270 Deg. Plane 0 Deg. Plane 90 Deg. Plane

Uniformity (PPFD Map)

The luminaire was tested with the long axis of the luminaire oriented along the y-axis of the plot.

Mounting Height: 4 feet

| | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 46.6 | 49.8 | 54.5 | 59.0 | 65.7 | 67.2 | 76.0 | 72.1 | 76.0 | 79.2 | 76.5 | 73.3 | 67.6 | 62.1 | 56.8 | 48.4 | 43.2 | 4FT |
| 64.6 | 67.6 | 75.0 | 83.3 | 92.6 | 94.6 | 101.7 | 100.0 | 107.6 | 112.8 | 108.7 | 102.8 | 96.2 | 88.5 | 81.3 | 74.2 | 59.7 | 3.5 |
| 87.9 | 93.9 | 104.2 | 113.8 | 125.7 | 129.9 | 139.7 | 136.5 | 149.3 | 151.9 | 147.7 | 139.5 | 129.3 | 117.5 | 100.0 | 85.9 | 77.3 | 3 |
| 114.5 | 124.4 | 138.4 | 154.1 | 162.8 | 174.6 | 187.6 | 187.9 | 194.2 | 198.6 | 189.0 | 175.4 | 159.3 | 139.8 | 125.2 | 113.0 | 100.3 | 2.5 |
| 143.0 | 158.8 | 177.0 | 200.0 | 209.2 | 219.8 | 235.8 | 240.5 | 248.6 | 247.9 | 238.7 | 222.8 | 206.5 | 192.4 | 167.1 | 143.5 | 121.1 | 2 |
| 169.4 | 199.5 | 212.2 | 239.6 | 250.4 | 264.5 | 282.8 | 289.9 | 296.9 | 294.1 | 285.1 | 266.3 | 242.7 | 216.2 | 191.9 | 170.3 | 146.4 | 1.5 |
| 191.0 | 224.9 | 245.3 | 256.4 | 287.5 | 303.7 | 323.4 | 334.1 | 336.8 | 329.7 | 320.1 | 301.9 | 279.4 | 255.2 | 226.0 | 193.7 | 162.8 | 1 |
| 209.1 | 241.5 | 266.4 | 284.3 | 312.5 | 329.1 | 349.6 | 361.6 | 362.2 | 352.9 | 341.3 | 323.4 | 298.4 | 270.4 | 241.9 | 213.3 | 180.4 | 0.5 |
| 209.4 | 237.9 | 265.3 | 286.0 | 309.6 | 332.2 | 351.0 | 367.2 | 365.4 | 359.9 | 351.3 | 337.3 | 318.9 | 289.8 | 258.3 | 224.6 | 185.2 | 0 |
| 215.2 | 249.0 | 277.2 | 293.8 | 305.8 | 322.2 | 342.7 | 356.4 | 356.0 | 346.7 | 336.7 | 329.6 | 312.6 | 288.3 | 261.5 | 233.8 | 186.5 | 0.5 |
| 185.7 | 212.4 | 236.2 | 258.6 | 272.7 | 292.1 | 312.0 | 325.7 | 326.2 | 313.3 | 303.9 | 297.4 | 278.4 | 262.1 | 246.2 | 220.7 | 175.4 | 1 |
| 168.7 | 191.4 | 213.9 | 231.0 | 246.5 | 262.1 | 275.9 | 286.9 | 285.6 | 271.6 | 262.6 | 257.7 | 240.0 | 225.4 | 216.4 | 198.0 | 159.2 | 1.5 |
| 139.0 | 156.7 | 174.0 | 192.2 | 206.6 | 221.6 | 236.8 | 246.6 | 240.3 | 225.4 | 218.7 | 213.6 | 199.0 | 202.0 | 183.7 | 151.7 | 144.1 | 2 |
| 115.7 | 130.0 | 142.5 | 154.7 | 169.4 | 184.8 | 194.3 | 201.1 | 195.9 | 180.6 | 176.2 | 170.1 | 166.2 | 159.4 | 147.1 | 124.4 | 112.0 | 2.5 |
| 92.7 | 100.9 | 113.0 | 123.9 | 133.4 | 142.1 | 150.6 | 154.8 | 151.7 | 141.6 | 132.5 | 128.5 | 122.4 | 121.3 | 113.7 | 96.1 | 90.1 | 3 |
| 71.0 | 78.7 | 84.9 | 88.7 | 94.9 | 100.6 | 107.6 | 113.2 | 109.9 | 104.8 | 95.7 | 93.6 | 85.5 | 84.5 | 80.9 | 73.1 | 64.8 | 3.5 |
| 49.9 | 54.3 | 60.3 | 65.4 | 70.6 | 75.5 | 79.0 | 81.0 | 78.2 | 76.0 | 70.3 | 67.6 | 59.5 | 58.5 | 55.1 | 52.0 | 48.2 | 4FT |
| 4FT | 3.5 | 3 | 2.5 | 2 | 1.5 | 1 | 0.5 | 0 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4FT | Y-AXIS |

Maximum PPFD: 367.2 $\mu\text{mol}/\text{sec}/\text{m}^2$
 Minimum PPFD: 43.2 $\mu\text{mol}/\text{sec}/\text{m}^2$
 Average PPFD: 185.3 $\mu\text{mol}/\text{sec}/\text{m}^2$

Uniformity (min/max): 0.12
 Uniformity (min/ave): 0.23
 Maximum DLI: 31.7 $\text{mol}/\text{m}^2/\text{day}$

Gavita® Pro CT 1930e LED Summary

| | | |
|------------------------|------------------------------|---------------------|
| Input Voltage: | 120 - 277 V | |
| Input Watts: | 780 W | |
| Current: | 6.6 - 2.9 A | |
| Heat Load: | 2,661 Btu/hr | |
| Frequency: | 50/60 Hz | |
| Power Factor: | > 0.95 | |
| Ambient Temp: | 32-104° F (0-40° C) | |
| Voltage THD: | 277 V: 1.40% | 347 V: 1.30% |
| Current THD: | 277 V: 3.70% | 400 V: 4.30% |
| Rating: | IP66 | |
| Mounting: | Hangers and Unistrut Bracket | |
| Weight: | 33.07 lb/15 kg | |
| Dimensions: | 29 in x 11.8 in x 3.9 in | |
| Certifications: | ANSI/CAN/UL 8800 | |
| Warranty: | 5 Year warranty* | |

*When purchased from an authorized Hawthorne dealer, this product is covered by a LIMITED WARRANTY, available at hawthornegc.com/warranties. You can also obtain the Terms of Sale and Limited Warranty by calling Hawthorne toll-free at: 1-888-478-6544 or writing Hawthorne at: Hawthorne Hydroponics LLC, 3204 NW 38th Circle, Vancouver, WA 98660., Attn: Customer Service.

INCLUDED IN THE BOX:

- HGC906740 - Gavita CT 1930e LED
- 2x Metal Brackets
- Wire Hanger

ACCESSORIES (Sold separately):

- HGC906120 - Gavita Master Controller EL1 - Gen 2
- HGC906121 - Gavita Master Controller EL2 - Gen 2
- See website for communication cables options

POWER CORDS (Sold separately):

- HGC906147 - Gavita 8 ft Power Cord 120 Volt for LED
- HGC906148 - Gavita 8 ft Power Cord 208-240 Volt for LED
- HGC906149 - Gavita 8 ft Power Cord 277 Volt for LED
- HGC906458 - Gavita 8 ft Power Cord 277-400 Volt for Gavita LED

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CONTACT US FOR A FREE LIGHTING LAYOUT: (Tel) 888.478.6544 (Fax) 360.693.1682



Manufactured for Hawthorne Hydroponics LLC, a subsidiary of The Hawthorne Gardening Company.
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