

## Summary Specifications for 120VAC 315W CDL (ceramic discharge lamp) Agro Growlight luminaire. Catalog # BLI/CDL/AGRO/315W/120VAC

### Light Fixture

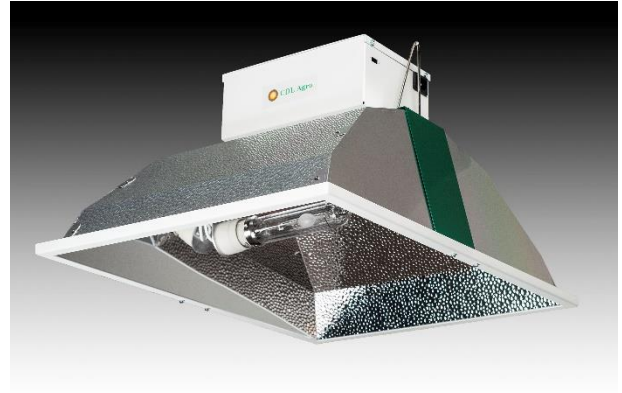
1. Frame: Powder coated metal
2. Lamp socket: Ceramic, 5kV pulse rated
3. Reflector: 97% efficiency point source open reflector
4. Dimension: 22in (L) x 17in (W) x 10in (H)
5. Typical coverage area: 2.8ft x 3.4ft (from 1ft above objects)
6. Approximate weight: 9.5 pounds

### Ballast housing

1. Powder coated aluminum
2. 4in (H) x 7in (L) x 5in (W)
3. UL/ETL listed, suitable for damp locations

### Lamp

1. Open fixture rated 315W Philips Agro ceramic discharge lamp
2. Average lamp life: 20,000 hours
3. Luminous efficacy: 105 lumen/watt
4. Photosynthetic Photon Flux (PPF): 1.95
5. Lumen maintenance: 90%
6. Color rendering index: 92 Ra8
7. Color temperature: 3,100 Kelvin
8. Operating position: Universal



\*Patented Technology  
\*Design and assembled in the



### Electronic Ballast

1. Line voltage: 120VAC, 50/60 Hz.
2. Lamp waveform: 150 Hz  $\pm$  5 Hz square wave
3. Ballast factor @ nominal lamp voltage: 1
4. Nominal input AC current: 2.84A @ 120V
5. Nominal input power: 340W +5W
6. Ballast loss @ 100V lamp voltage ~ 25W
7. Power conversion efficiency > 92%
8. Line inrush current limiting: Yes
9. Power factor > 0.95
10. Total harmonic distortion < 20 %
11. EMI - Meets FCC non-consumer limits
12. Soft, progressively growing ignition
13. Repetitive ignition intervals ~ 10 Seconds
14. Nominal ignition peak pulse height: 3.2 kV
15. Lamp fault and rectification protection: Yes
16. Line transients and circuit protections: Yes
17. Under and over voltage protections – Yes
18. Input fusing – Yes, 3A
19. Dimming – Yes (optional)
20. Minimum starting temperature: (-) 30°C
21. Thermal cutoff – 85°C inside ballast case
22. Weight ~ 1.8 kg (4 lb)

(SPECIFICATIONS ARE SUBJECT TO CHANGE  
WITHOUT PRIOR NOTICE)

### Daisy Chain Connection

Up to 4 luminaires per 20A circuit, 120VAC

