

Product Description

Introducing our new energy saving performance LED Chip On Board (COB) technology. Our LED chips are bonded directly to a thick copper substrate for ultra high thermal connectivity. This thermal management allows it to run at cooler temperatures than an aluminum based COB. This design offers outstanding performance with reduced lumen degradation and increased lifespan.

> Quick Ship - In Stock, Ready to Ship

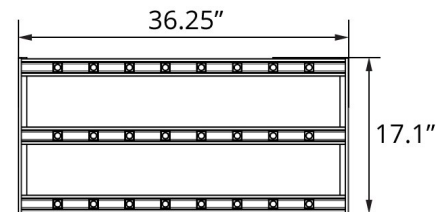
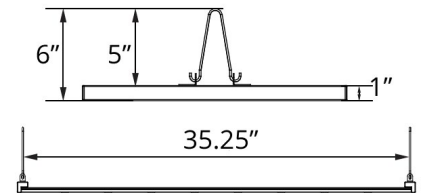
Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Samsung COB LEDs with high efficacy >125 Lm/W
- USA engineered industrial quality components and housing
- Patented heat dissipation design for optimum efficiency
- Cool operating temperatures for easier ambient air temperature control
- High lumen maintenance exceeds DOE requirements
- Photometric optic built over each LED for enhanced light distribution
- Solid State with high-shock and vibration resistance
- Save Up to 90% in energy costs compared HID Lamps
- LEDs prevent plant damage caused by HID lamp burning
- Reflectors are not needed, as LEDs are directional, resulting in no wasted light
- Aluminum LED boards with copper tracings for best thermal management
- LED array manufactured using a state-of-the-art SMT machine
- Designed for optimum plant growth with higher yields
- Create the most effective growing environment for your plants
- Aluminum housing with a lightweight design for install or re-location
- LED chips are potted with high temperature silicone epoxy
- Easy V-hangers included for quick suspension mounting
- Rust resistant stainless steel hardware with durable nickel-plating
- Luminaire photosynthesis color spectrum - Red 77.1%, Blue 22.6%, Green 0.3%
- Nonometer ranges - Red 600-699, Blue 400-499, Green 500-599
- 0-10V dimmable driver included
- 10 foot 120V cord set included for easy connection and mobility
- Fast turn on with no warm up or cold start issues
- Constant current power supply with no fans, resulting in zero noise from the unit
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Operating temperature: -30 to 50 degrees celsius
- Samsung TZ chip platform with completed 6,000 hour LM-80 test
- 147,000 hour LED life @ L70 tested at 105 degrees celsius
- Certifications: CE, RoHS, CSA - IP67 for wet locations
- 5 year system warranty

ARRAY GROW SERIES

Advanced Technology with Spectrum Photosynthesis Targeting
LED COB Luminaire



Models:

- WDGL33FR: 120W - 3' COB LED Grow Light - Recommended Growing Area = 4' Long x 3' Wide
- WDGL73FR: 240W - 3' COB LED Grow Light - Recommended Growing Area = 6' Long x 4' Wide

Ordering Information:					Part Number:	
Ordering Example: WDGL33FR-UNV-GR-SP						
Family	Voltage	Finish	Mounting	Dimming		
WDGL33FR WDGL73FR	UNV - 100-277V	GR - Gray	SP - Suspension	D1 - 0-10V		



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Dimensions, specifications, and product pictures are subject to change without notice.

F15