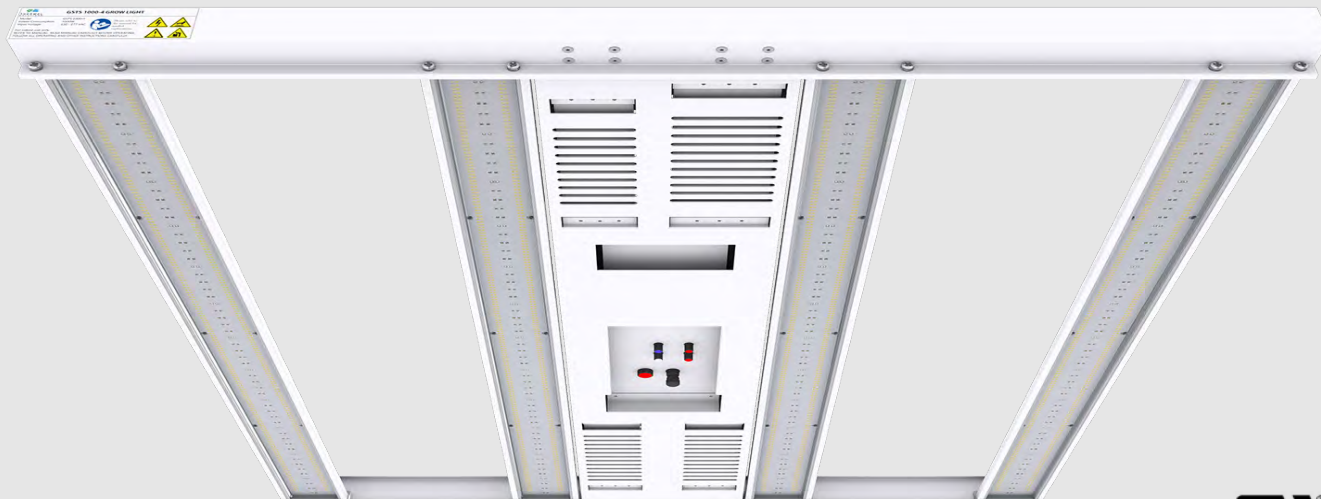


AGT640

The **AGT640** is a patented Liquid Cooled and Spectrum Control LED grow light built to increase yield and improve overall quality for commercial cannabis cultivation. Powerful, efficient and customizable to meet your specific needs.

Patent No. 9857068B2

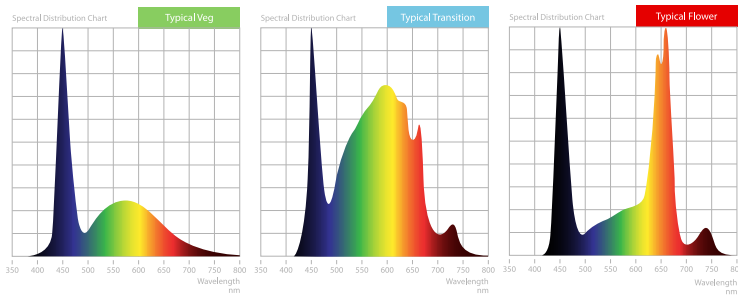


AGT640 Liquid Cooled LED

Specifications	
Efficiency	2.6 $\mu\text{mol}/\text{J}$
Light Spectrum	400nm - 780nm
Certifications	UL1598, UL8800, UL8750
Warranty	5 Year Standard Warranty
Communication	DMX (Adapts to all major protocols)
Plug-in	12VDC, 20 Watt Max
Power	650W (Controllable 60W - 650W)
Voltage	110 - 277VAC, 50/60Hz
Current	5.4A @ 120VAC / 2.7A @ 240VAC / 2.3A @ 277VAC
Life Expectancy	50,000+ hrs
Ingress Protection	IP65 (Dust tight and water proof)
Flow Rate	0.24 GPM
Liquid Heat Rejection (max)	~260 Watt (887 Btu/hr)

Spectral Distribution

The light spectrum range is optimized for cannabis cultivation, 400nm - 780nm. Captures the "Emerson Effect" - simultaneously giving plants both red and far-red spectrum to increase yield and quality.



Infinite Spectrum Control

Enables customization of light spectrum and intensity, allowing grower to create unique light recipes for specific genetics and stages of plant growth.



Remove Light Waste Heat

Liquid Cooled LEDs removes up to 90% of wasted heat out of grow environment, stabilizing the room ambient temperature.



Heat Reclamation

Excess waste heat from Liquid Cooled LEDs can be reclaimed & re-purposed to further improve overall system efficiency.



Designed for Multi-tier Grow Rooms

Improves both yield and quality.

Photon Flux



1,690 $\mu\text{mol}/\text{s}$

Total Coverage



4' x 4'

Power Supply

White: HLG-240H-36B

Blue: HLG-100H-24B

Red/Deep Red/Far Red:

HLG-150H-30B

Dimensions

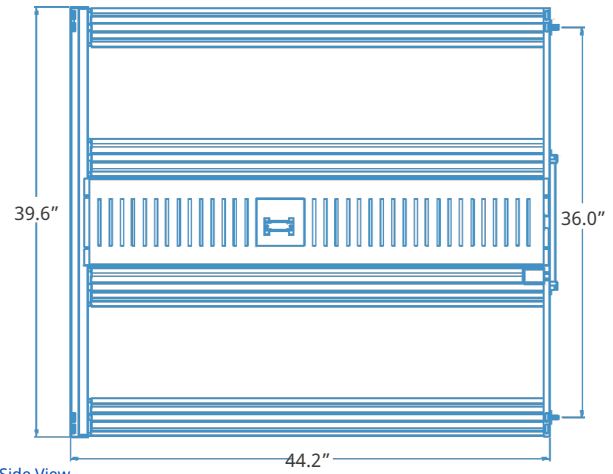
Width: 39.6" (1,006mm)

Length: 44.2" (1,123mm)

Height: 3.4" (86mm)

Weight: 56lbs (25.4kg)

Top View



Side View



(833) 488 - GROW

grow@adaptiivgrow.com

adaptiivgrow.com

For more information or to set up a consultation with our experts, contact us today.

© Copyright 2021 Adaptiiv Grow Technologies. All Rights Reserved.

Horticultural Applications Only.