GROW3

LED SMART INC

CONTROL THE GROW ™

Why GROW3?

GROW3

INTEGRATED SMART CONTROL TECHNOLOGY

SmarTune

SmarTune™ is GROW3™'s cutting-edge hybrid control technology. With built-in wireless Bluetooth® mesh, Wi-Fi, and PLC technology, you can easily control your GROW3™ system, adjust color ratio, intensity, schedules, and more - from anywhere!

Wireless mesh networking enables simple and quick installation, control, and expansion of the LED light GROW3™ system. Every sensor or light you add becomes part of the mesh network, enabling wired or wireless connection into the system.

With the wireless mesh network, you can connect almost unlimited devices, which can expand connections for zone control.

COUNTLESS DIGITAL COLOR RATIOS

The GROW3™ system is designed to provide plants with the ideal color and intensity of light throughout all growth stages.

With unlimited customizable color ratios, the GROW3™ ensures optimal growth for various types of plants using just ONE light source.

EFFICIENCY AND FUNCTION AT ITS FINEST

Designed and made in Canada using military-grade aluminum, our GROW3™ boasts a sleek, low-profile design with superior heat dissipation capabilities. This ensures that our LED grow lights deliver optimal performance and durability, even in harsh greenhouse environments.
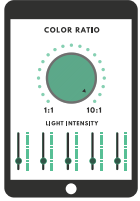
MADE IN CANADA

1-800-457-0416

GROW3

Features
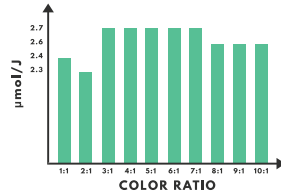
Standing out in a crowd, the GROW3™ system of lighting and controls is a superior grow light system compared to all of the grow lights on the market today. What key features set the GROW3™ system apart?
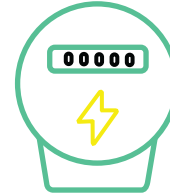
100% CUSTOMIZABLE RATIOS

The user has complete control of the spectrum and color ratio output of the light fixture. Customizable to each plant type and stage of growth.

STABLE PPE

Unique to the market, the PPE remains stable no matter the color ratio the user programs.

INTERNAL MULTI-DRIVER

No wasted energy! The use of custom designed internal drivers means that the light output and cost of operation are always at their most efficient, even when dimmed or ratio colors adjusted.
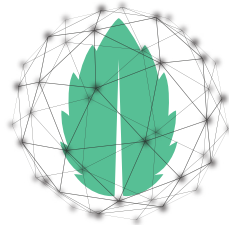
PROGRAMMABLE SCHEDULE

The GROW3™ series of products are all programmable to the users' desired schedules. Each user can create and save their own grow recipes.
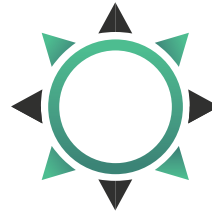
REDUCE COST OF OPERATION

The custom program and control features allow the user to make the most efficient light and power to grow high-quality crops.
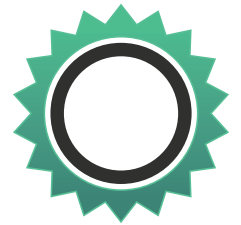
MESH NETWORKING

The ability to add lights, sensors, IoT devices via wired or wireless controls creates a mesh network. It means a more straightforward setup and management.
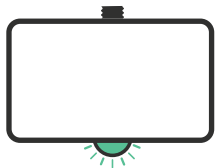
PAR

This is the standard PAR output for the visible light spectrum, 400-700nm. The range covers visible blue to red light.

ePAR

The extended spectrum includes the visible and invisible light spectrum, 380-780nm. The range covers UVA to far red.

COMPATIBILITY WITH CONTROLS

Adding DLI, humidity, leaf and bud temperature, CO_2, oxygen and other sensors to improve automation. Compatible with various existing integrated control systems.
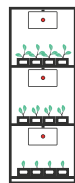
TOPLIGHT OR VERTICAL APPLICATION

There are GROW3™ series options for top lighting, supplemental lighting, intercanopy, CEA and vertical farming.

IP66 WATERPROOF

The GROW3™ fixtures are all designed and certified for protection from dust and safe from rain, sprinklers and powerful water jets.

ALUMINUM BODY

GROW3™ full aluminum body is ideal for indoor and outdoor environments.

BenchLight™

GROW3
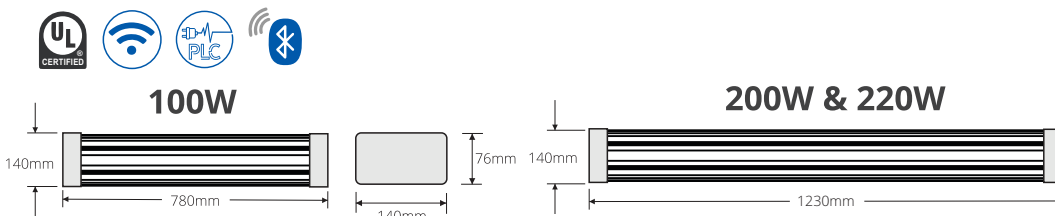
The original GROW3 fixtures, the BenchLight™ series, are available in two types, Sunlight and Sunlight Pro, both equipped with color ratio control.

Designed for scientific or commercial applications, these Canadian-made LED fixtures offer adjustable color ratio control for precision and versatility.
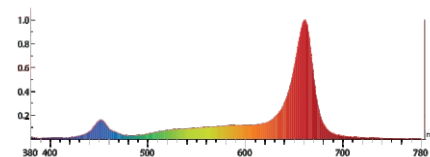
You can use them at any installation height and customize the light for different growth phases, eliminating the need to move your crop during production cycles.

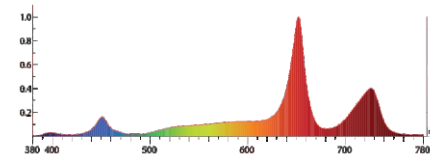Experience endless possibilities with the BenchLight™ series.
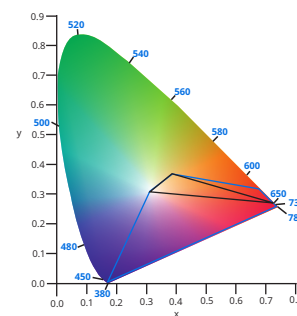
SL & SP MODEL

COLOR RATIO EXAMPLE

SL MODEL

SP MODEL

COLOR GAMUT

— SL
— SP

100W

140mm

780mm

140mm

200W & 220W

76mm 140mm

1230mm

COLOR CODE	SL		SP	
PART NUMBER	GRW-120-24-100-SL-S-C	GRW-120-48-200-SL-S-C	GRW-120-220-SP-S-C	
ORDER CODE	70-1011	70-1002	70-1004	
PERFORMANCE				
WATTS (MAX)	100	200	220	
PPF (µmol/s)	276	488	548	
PPE (µmol/J)	2.64	2.5	2.6	
POWER INPUT	100~277VAC 50/60Hz			
COLOR RANGE (nm)	400-700		380-780	
UV	NO		YES	
FAR RED	NO		YES	
SPECTRUM BOOSTER	N/A		N/A	
FACTORY DEFAULT RATIO	6:1		6:1	
BEST RATIO RANGE	1:1~10:1			
CONTROLS				
DIMMING	YES			
CONTROL BOX	YES			
APP	YES			
BLUETOOTH®	NO			
WIFI	YES			
LYNX3™	NO			
SMARTUNE™	NO			
PHYSICAL STATS				
COOLING	PASSIVE, FANLESS COOLING			
DIMENSIONS	780mm x 140mm x 76 mm (30.7" x 5.5" x 3.0")	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")		
WEIGHT	4.08 kg (9.0 lbs)	6.35 kg (14 lbs)	8 kg (15 lbs)	
IP RATING	IP66			
CERTIFICATIONS				
UL	YES	YES	YES	
DLC	NO	YES	YES	
WARRANTY	5 YEARS			
RATED LIFETIME	L70 50,000 Hours			

A chromaticity graph is the best representation of all the color ratios possible for each fixture.

A highlighted area illustrates all colors possible within the area for which the fixture is capable.

A line demonstrates the many possible color ratios of complementary colors.
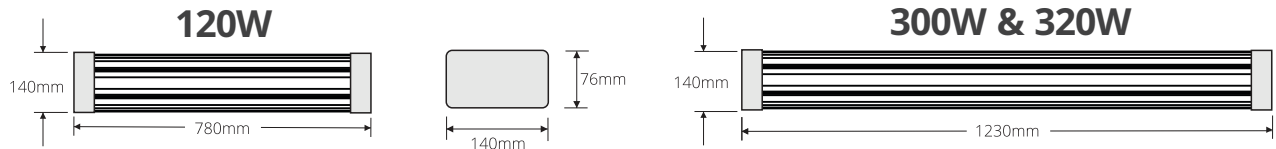
GROW3

TopLight™

HS & HP MODEL

The TopLight™ HS and HP PRO models, both designed to replace HPS lights while providing consistent light profiles that growers are familiar with.

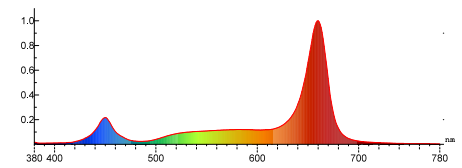Both models are most efficient between 2:1 to 10:1 ratios.

The HP PRO model extends the PAR range (ePAR) with the addition of UV and far red.

With the ability to save more energy when used with LYNX3™ and SmarTune™ controls, these LED grow lights are the perfect choice for growers looking for efficient and versatile lighting solutions.

SmarTune™   LYNX3™

120W
140mm · 780mm · 76mm · 140mm

300W & 320W
140mm · 1230mm

PART NUMBER	HS		HP
	GRW-120-24-120-HS-S-C	GRW-120-48-300-HS-S-C	GRW-120-48-320-HP-S-C
ORDER CODE	70-1037	70-1021	70-1022
PERFORMANCE			
WATTS (MAX)	120	300	320
PPF (µmol/s)	302	740	740
PPE (µmol/J)	2.57	2.53	2.53
POWER INPUT	100~277VAC 50/60Hz	100~277VAC 50/60Hz	100~277VAC 50/60Hz
COLOR RANGE (nm)	400-700	400-700	380-700
UV	NO	NO	YES
FAR RED	NO	NO	YES
SPECTRUM BOOSTER	RED	RED	RED
FACTORY DEFAULT RATIO	3.6:1	3.6:1	3.6:1
BEST RATIO RANGE	2:1~10:1	2:1~10:1	2:1~10:1
CONTROLS			
DIMMING	YES	YES	YES
CONTROL BOX	YES	YES	YES
APP	YES	YES	YES
BLUETOOTH®	YES	YES	YES
WIFI	YES	YES	YES
LYNX3™	YES	YES	YES
SMARTUNE™	YES	YES	YES
PHYSICAL STATS			
COOLING	PASSIVE, FANLESS COOLING	PASSIVE, FANLESS COOLING	PASSIVE, FANLESS COOLING
DIMENSIONS	780mm x 140mm x 76 mm (30.7" x 5.5" x 3.0")	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")
WEIGHT	4.08 kg (9.0 lbs)	6.35 kg (14 lbs)	6.8 kg (15 lbs)
IP RATING	IP66	IP66	IP66
CERTIFICATIONS			
UL	YES	YES	YES
DLC	NO	YES	YES
WARRANTY	5 YEARS	5 YEARS	5 YEARS
RATED LIFETIME	L70 50,000 Hours	L70 50,000 Hours	L70 50,000 Hours

COLOR RATIO EXAMPLE

HS MODEL
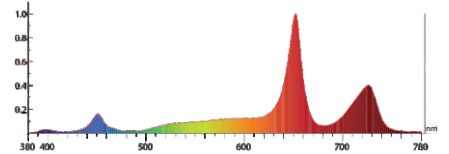
HP MODEL

COLOR GAMUT

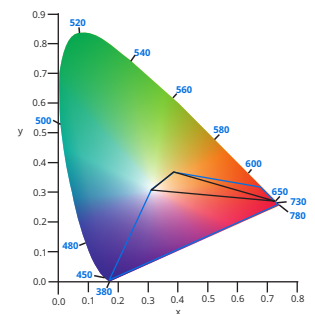— HS
— HP

TopLight™

GROW3

MH & MP MODEL

The TopLight™ MH and HP PRO models, both designed to replace metal halide lights while providing growers with the consistent light profiles they are familiar with.

The MH and MP models are most efficient between 0.68:1 to 2:1 ratios and feature a blue spectrum booster, ideal for germination and rooting phases.

The MP PRO model extends the PAR range (ePAR) with the addition of UV and far red, perfect for growers looking to use the consistent light profile of metal halide lights while extending the light range.

Both models can save energy when used with LYNX3™ and SmarTune™ controls. Choose the TopLight™ MH or HP PRO models for efficient and versatile LED grow lights.

300W & 320W

140mm

76mm

140mm

1230mm
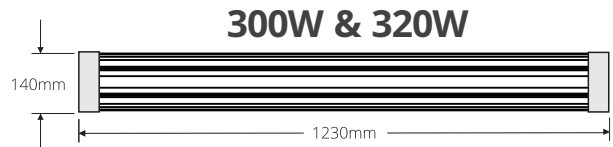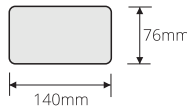
	MH	MP
PART NUMBER	GRW-120-48-300-MH-S-C	GRW-120-48-320-MP-S-C
ORDER CODE	70-1019	70-1020
PERFORMANCE		
WATTS (MAX)	300	320
PPF (µmol/s)	709	709
PPE (µmol/J)	2.59	2.59
POWER INPUT	100~277VAC 50/60Hz	100~277VAC 50/60Hz
COLOR RANGE (nm)	400-700	380-780
UV	NO	YES
FAR RED	NO	YES
SPECTRUM BOOSTER	BLUE	BLUE
FACTORY DEFAULT RATIO	0.68:1	0.68:1
BEST RATIO RANGE	0.68:1~2:1	0.68:1~2:1
CONTROLS		
DIMMING	YES	YES
CONTROL BOX	YES	YES
APP	YES	YES
BLUETOOTH®	YES	YES
WIFI	YES	YES
LYNX3™	YES	YES
SMARTUNE™	YES	YES
PHYSICAL STATS		
COOLING	PASSIVE, FANLESS COOLING	PASSIVE, FANLESS COOLING
DIMENSIONS	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")
WEIGHT	6.35 kg (14 lbs)	6.8 kg (15 lbs)
IP RATING	IP66	IP66
CERTIFICATIONS		
UL	YES	YES
DLC	YES	YES
WARRANTY	5 YEARS	5 YEARS
RATED LIFETIME	L70 50,000 Hours	L70 50,000 Hours

COLOR RATIO EXAMPLE
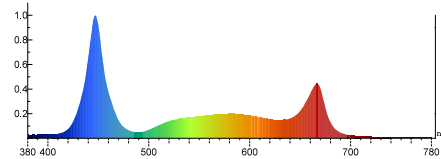
MH MODEL
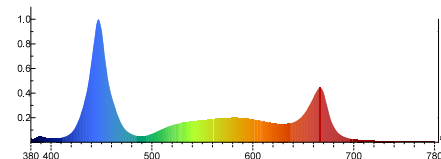
MP MODEL

COLOR GAMUT

— MH
— MP

GROW3

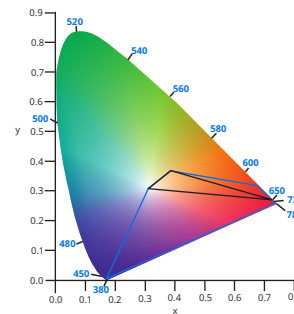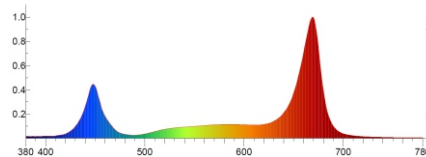# TopLight™

SS MODEL

The TopLight™ SS model is designed for easy use. The SS series, as with all GROW3 lights, boasts an adjustable color ratio control (0.63:1 to 10:1), integrated wireless mesh networking, and energy efficiency with high-precision drivers.

Save even more energy with wireless controls through the SmarTune™ app, factoring DLI and light feature controls. Upgrade your indoor space with our innovative grow light.

UL CERTIFIED · WiFi · PLC · Bluetooth

SmarTune™   LYNX3™

300W

76mm
140mm
140mm
140mm
1230mm
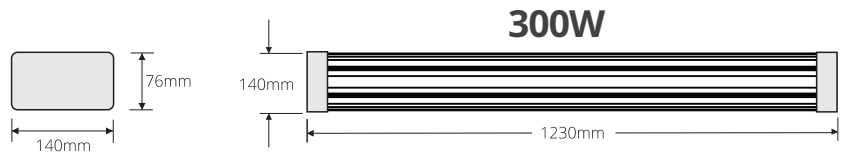
	SS
PART NUMBER	GRW-120-48-300-SS-S-C
ORDER CODE	**70-1040**
PERFORMANCE	
WATTS (MAX)	300
PPF (µmol/s)	753
PPE (µmol/J)	2.6
POWER INPUT	100~277VAC 50/60Hz
COLOR RANGE (nm)	400-700
UV	NO
FAR RED	NO
SPECTRUM BOOSTER	N/A
FACTORY DEFAULT RATIO	3:1
BEST RATIO RANGE	0.63:1 to 10:1
CONTROLS	
DIMMING	YES
CONTROL BOX	YES
APP	YES
BLUETOOTH®	YES
WIFI	YES
LYNX3™	YES
SMARTUNE™	YES
PHYSICAL STATS	
COOLING	PASSIVE, FANLESS COOLING
DIMENSIONS	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")
WEIGHT	6.35 kg (14 lbs)
IP RATING	IP66
CERTIFICATIONS	
UL	YES
DLC	*PENDING*
WARRANTY	5 YEARS
RATED LIFETIME	L70 50,000 Hours

COLOR RATIO EXAMPLE

COLOR GAMUT

sales@ledsmart.com

TopLight™

GROW3
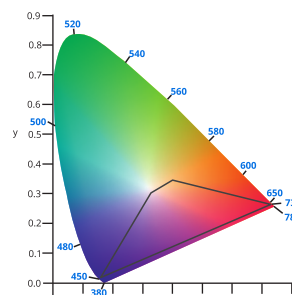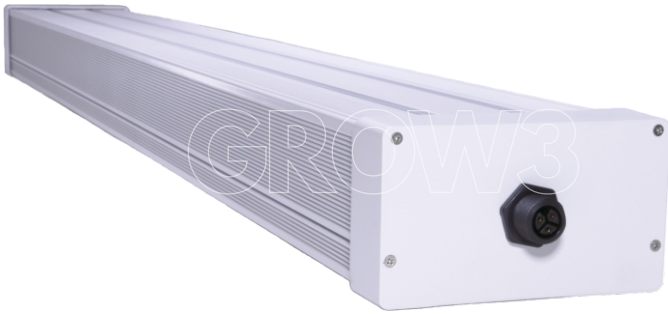
WW MODEL

The TopLight™ WW model is design with full spectrum white LEDs. As a targeted light delivery like that of bright noon daylight. This contributes even color spectrum, with contributions from 400-700nm, with contribution of green and yellow light too. Red:Blue ratios as low as 0.57:1 with options for color ratio adjustment up to 1.5:1.

The WW Series is an excellent option for any operation looking to illuminate their customer facing retail space. The fixtures will look like any standard lighting system, but actually benefiting both the plants and the retail operations.

Save more energy when used with LYNX3™ and SmarTune™ controls.

300W

76mm
140mm
140mm
1230mm

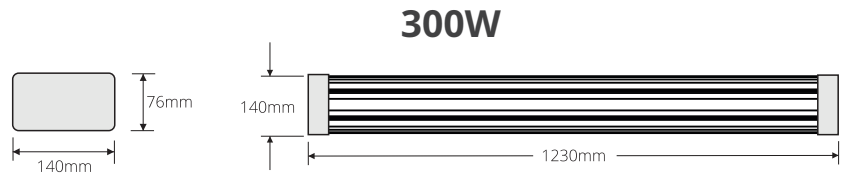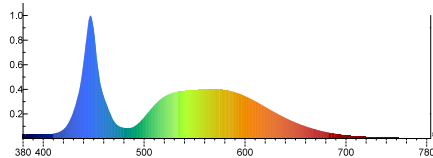| COLOR CODE	WW
PART NUMBER	GRW-120-48-300-WW-S-C
ORDER CODE	70-1018
PERFORMANCE	
WATTS (MAX)	300
PPF (µmol/s)	729
PPE (µmol/J)	2.44
POWER INPUT	100~277VAC 50/60Hz
COLOR RANGE (nm)	400-700
UV	NO
FAR RED	NO
SPECTRUM BOOSTER	N/A
FACTORY DEFAULT RATIO	0.65:1
BEST RATIO RANGE	0.5:1 ~ 1.5:1
CONTROLS	
DIMMING	YES
CONTROL BOX	YES
APP	YES
BLUETOOTH®	YES
WIFI	YES
LYNX3™	YES
SMARTUNE™	YES
PHYSICAL STATS	
COOLING	PASSIVE, FANLESS COOLING
DIMENSIONS	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")
WEIGHT	6.35 kg (14 lbs)
IP RATING	IP66
CERTIFICATIONS	
UL	YES
DLC	*PENDING*
WARRANTY	5 YEARS
RATED LIFETIME	L70 50,000 Hours

COLOR RATIO EXAMPLE

COMPLEMENTARY COLOR RANGE

GROW3

TopLight™

HC MODEL

The Toplight™ HC model is designed as a direct LED replacement for 1000W HPS lamps. Suitable for applicationa from 4'-14' installations.
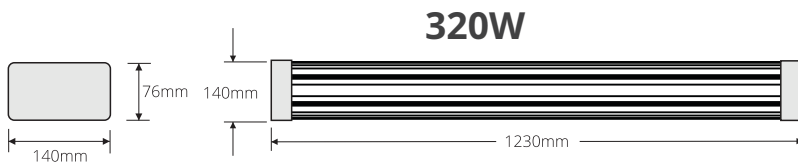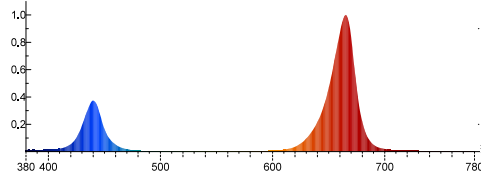
This model is designed with the same color profile as a high pressure sodium lamp. However, it is fully adjustable with the SmarTune™ controls technology. The HC model is designed for best operation between 1:1 to 10:1.

Saves up to 60% energy, when used with LYNX3™ and SmarTune™ controls.

320W

76mm   140mm
140mm
1230mm

	HC
PART NUMBER	**GRW-120-48-320-HC-S-C**
ORDER CODE	**70-1025**
PERFORMANCE	
WATTS (MAX)	320
PPF (μmol/s)	769
PPE (μmol/J)	2.42
POWER INPUT	100~277VAC 50/60Hz
COLOR RANGE (nm)	400-700
UV	NO
FAR RED	NO
SPECTRUM BOOSTER	RED
FACTORY DEFAULT RATIO	3:1
BEST RATIO RANGE	1:1~10:1
CONTROLS	
DIMMING	YES
CONTROL BOX	YES
APP	YES
BLUETOOTH®	YES
WIFI	YES
LYNX3™	YES
SMARTUNE™	YES
PHYSICAL STATS	
COOLING	PASSIVE, FANLESS COOLING
DIMENSIONS	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")
WEIGHT	6.8 kg (15 lbs)
IP RATING	IP66
CERTIFICATIONS	
UL	*PENDING*
DLC	*PENDING*
WARRANTY	5 YEARS
RATED LIFETIME	L70 50,000 Hours

COLOR RATIO EXAMPLE

COMPLEMENTARY COLOR RANGE

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TopLight™

GROW3

RE MODEL

RE (Red Enhanced) grow light - the perfect solution for growers looking to maximize their yields while reducing energy consumption. Designed with ultra-enhanced red spectrum, this grow light is optimized for top light installations, with a large footprint area, up to 14-feet high.

The RE Series produces a PPE up to 3.1 µmol/J and is a 1 to 1 replacement for 1000W HPS lights, saving you at least 60% energy consumption compared to traditional HPS lighting. The added features such as color ratio adjustment, dimming, and wireless controls make it a great choice for growers who want complete control over their lighting setup.

Save more energy when used with LYNX3™ and SmarTune™ controls.

SmarTune™ LYNX3™

320W

76mm · 140mm · 140mm · 1230mm

COLOR RATIO EXAMPLE

COMPLEMENTARY COLOR RANGE
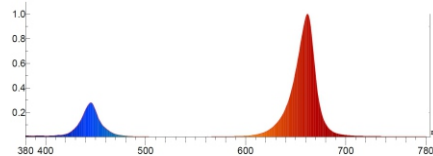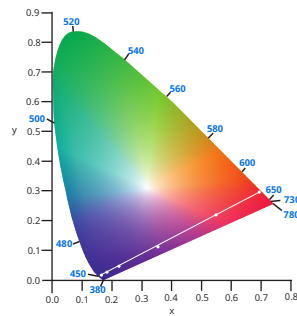
	RE
PART NUMBER	GRW-120-48-320-RE-S-C
ORDER CODE	70-1026
PERFORMANCE	
WATTS (MAX)	320
PPF (µmol/s)	1073
PPE (µmol/J)	3.1
POWER INPUT	100~277VAC 50/60Hz
COLOR RANGE (nm)	400-700
UV	NO
FAR RED	NO
SPECTRUM BOOSTER	RED
FACTORY DEFAULT RATIO	3:1
BEST RATIO RANGE	1:1~10:1
CONTROLS	
DIMMING	YES
CONTROL BOX	YES
APP	YES
BLUETOOTH®	YES
WIFI	YES
LYNX3™	YES
SMARTUNE™	YES
PHYSICAL STATS	
COOLING	PASSIVE, FANLESS COOLING
DIMENSIONS	1240mm x 140mm x 76 mm (48.4" x 5.5" x 3.0")
WEIGHT	6.8 kg (15 lbs)
IP RATING	IP66
CERTIFICATIONS	
UL	*PENDING*
DLC	*PENDING*
WARRANTY	5 YEARS
RATED LIFETIME	L70 50,000 Hours

GROW3

Introducing the All White (WV) model - the LED grow light that's perfect for growers of all kinds! Its universal design balances full spectrum white with a weighted contribution of blue spectrum, making it ideal for any growing environment. With balanced coverage within the green spectrum, the WV model penetrates the full canopy for optimal growth.
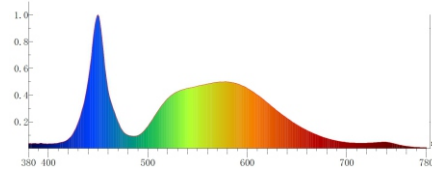
The WV model is incredibly efficient, with a range of 0.54:1 to 1.48:1 ratios, making it suitable for all stages of plant growth. Plus, when used with LYNX3™ and SmarTune™ controls, you can save even more energy while achieving exceptional results.
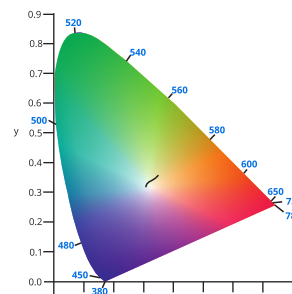
WV MODEL

SmarTune™ LYNX3™

78.2mm (3.02")

1223.8mm (48.2")

48.95mm (1.92")

COLOR RATIO EXAMPLE

COMPLEMENTARY COLOR RANGE
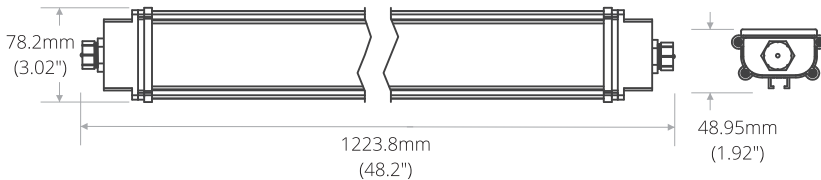
COLOR CODE	WV	
PART NUMBER	GRV-120-48-80-WV-S-C	GRV-120-48-120-WV-S-C
ORDER CODE	70-1043	70-1033
PERFORMANCE		
WATTS (MAX)	80	120
PPF (µmol/s)	198	297
PPE (µmol/J)	2.5	2.35
POWER INPUT	100~277VAC 50/60Hz	
COLOR RANGE (nm)	400-700	
UV	NO	
FAR RED	YES	
SPECTRUM BOOSTER	N/A	
FACTORY DEFAULT RATIO	0.77:1	0.7:1
BEST RATIO RANGE	0.77:1 to 0.83:1	0.7:1 to 1:1
CONTROLS		
DIMMING	YES	
APP	YES	
BLUETOOTH®	YES	
WIFI	YES	
LYNX3™	YES	
SMARTUNE™	YES	
PHYSICAL STATS		
COOLING	PASSIVE, FANLESS COOLING	
DIMENSIONS	1234mm x 78mm x 49 mm (48.6" x 3.1" x 1.9")	
WEIGHT	3.17 kg (7 Lbs)	
IP RATING	IP66	
CERTIFICATIONS		
UL	*PENDING*	
DLC	*PENDING*	
WARRANTY	5 YEARS	
RATED LIFETIME	L70 50,000 Hours	

Vertical Farming

SV MODEL

Looking for the ideal solution for your vertical growth applications? Look no further than the Sunlight Vertical (SV) model! Our innovative design mimics natural sunlight while providing complete control over color ratios, making it perfect for growth applications from germination to fruiting and finishing.

With an efficient range unlike any other, the 130W version of our SV model can achieve best ratio efficiency between 6:1 up to 13:1, ensuring optimal growth for your plants. Plus, when used with our LYNX3™ and SmarTune™ controls, you'll save even more energy while maximizing your harvest yields. Upgrade your vertical growth game with the SV model today!

SmarTune™ LYNX3™

78.2mm (3.02")

1223.8mm (48.2")

48.95mm (1.92")
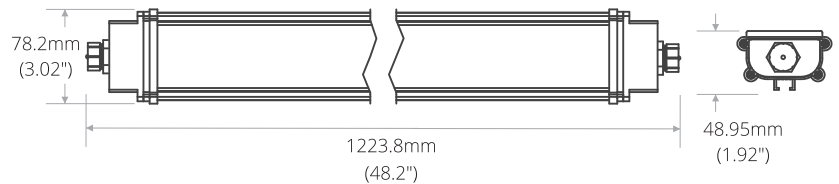
COLOR RATIO EXAMPLE
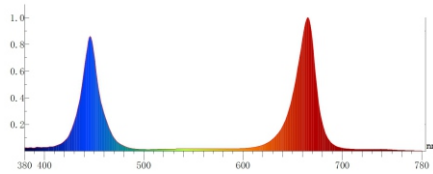
COMPLEMENTARY COLOR RANGE
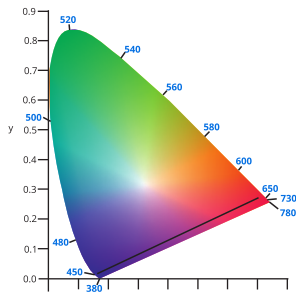
COLOR CODE	SV	
PART NUMBER	GRV-120-48-80-SV-R-C	GRV-120-48-130-SV-R-C
ORDER CODE	70-1041	70-1031
PERFORMANCE		
WATTS (MAX)	80	130
PPF (µmol/s)	206	369
PPE (µmol/J)	2.56	2.48
POWER INPUT	100~277VAC 50/60Hz	
COLOR RANGE (nm)	400-780	
UV	NO	
FAR RED	YES	
SPECTRUM BOOSTER	BLUE & RED	
FACTORY DEFAULT RATIO	6:1	13:1
BEST RATIO RANGE	3:1 - 6:1	6:1 to 13:1
CONTROLS		
DIMMING	YES	
APP	YES	
BLUETOOTH®	YES	
WIFI	YES	
LYNX3™	YES	
SMARTUNE™	YES	
PHYSICAL STATS		
COOLING	PASSIVE, FANLESS COOLING	
DIMENSIONS	1234mm x 78mm x 49 mm (48.6" x 3.1" x 1.9")	
WEIGHT	3.17 kg (7 Lbs)	
IP RATING	IP66	
CERTIFICATIONS		
UL	*PENDING*	
DLC	*PENDING*	
WARRANTY	5 YEARS	
RATED LIFETIME	L70 50,000 Hours	

HV MODEL

The HV model - the perfect solution for growers who want the benefits of HPS lamps without the limitations.

The HV model can be easily installed anywhere from 6 to 48 inches away from the canopy, giving you the freedom to customize your grow space. With SmarTune™ app technology, you have complete control over the color ratio and intensity, making it the most efficient operation between 1:1 to 10:1 color ratios.

Achieve optimal efficiency and customize your grow to perfection with the HV model. Don't forget to use LYNX3TM and SmarTune™ controls to save even more energy!
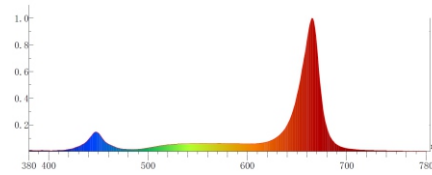
SmarTune™ LYNX3™

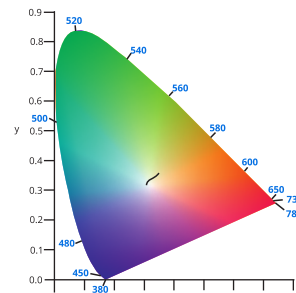78.2mm (3.02")

1223.8mm (48.2")

48.95mm (1.92")
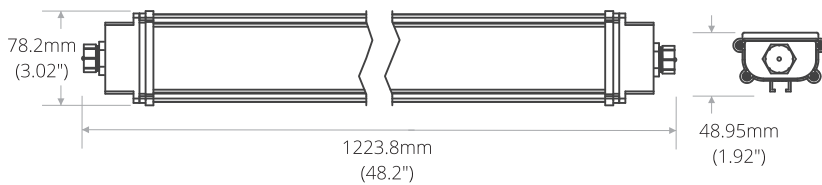
| COLOR CODE	HV	
PART NUMBER	GRV-120-48-80-HV-S-C	GRV-120-48-130-HV-S-C
ORDER CODE	70-1040	70-1030
PERFORMANCE		
WATTS (MAX)	80	130
PPF (µmol/s)	189	631
PPE (µmol/J)	2.34	2.75
POWER INPUT	100~277VAC 50/60Hz	
COLOR RANGE (nm)	400-780	
UV	NO	
FAR RED	YES	
SPECTRUM BOOSTER	RED	
FACTORY DEFAULT RATIO	5:1	2:1
BEST RATIO RANGE	4:1 to 7:1	0.63:1 to 10:1
CONTROLS		
DIMMING	YES	
APP	YES	
BLUETOOTH®	YES	
WIFI	YES	
LYNX3™	YES	
SMARTUNE™	YES	
PHYSICAL STATS		
COOLING	PASSIVE, FANLESS COOLING	
DIMENSIONS	1234mm x 78mm x 49 mm (48.6" x 3.1" x 1.9")	
WEIGHT	3.17 kg (7 Lbs)	
IP RATING	IP66	
CERTIFICATIONS		
UL	PENDING	
DLC	PENDING	
WARRANTY	5 YEARS	
RATED LIFETIME	L70 50,000 Hours	

COLOR RATIO EXAMPLE

COMPLEMENTARY COLOR RANGE

GROW3

Why UVA?

380-400nm

This part of the spectrum* is useful to the grower at different stages of the growing cycle. It can be used to trigger a photobiological response in plants, pre-growth stages, to sterilize and clean growing environments. Many studies have shown that proper, limited use of UV light can have a benefit effect on various varieties of plants. Ask us if this is right for you.


*UVC Light spectrum displayed on McCree Curve
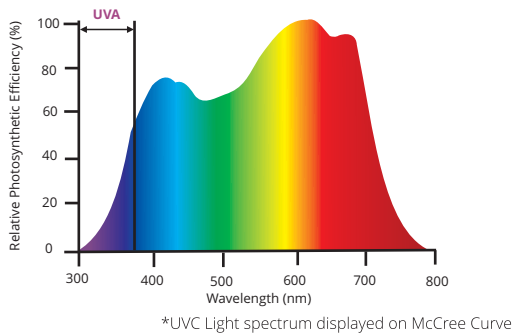
Why Far Red?

700-800nm

Far-red counteracts the effect of blue and UVA light. The longer wavelength of far-red thoroughly penetrates the leaves to reach lower growth.

It also causes the plants to develop broader leaves making it excellent for early-stage growth on leafy greens. Also, shows some promise in increased cannabinoid development, in late stage growth.

Find out which GROW3™ with far-red is right for you.

*Far red light spectrum displayed on McCree Curve
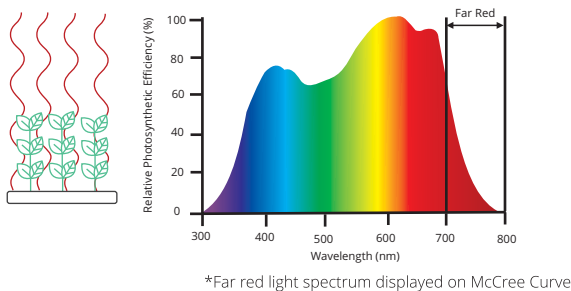
SmarTune

Saves Energy = Saves Money

Grow3™ LED fixtures have the ability to be controlled and monitored for all lighting factors that go into optimizing your grow with the SmarTune™ wireless control system you can manage your Grow3™ fixtures from your phone, tablet, or computer, using built-in wireless Bluetooth® Mesh, Wi-Fi, and PLC technology to control your fixtures from anywhere.

Quickly set up lighting zones, enable lighting automation and gain control over light intensity, spectrum, and color ratios. SmarTune™ control system integrates to your layout to incorporate various zone controls, added sensors, and existing integrated control systems.

LYNX3

The LYNX3 (Lynx Cube) light meter is an all-in-one tool for growers of all sizes. Its compact size and advanced technology make it an ideal choice for anyone looking to optimize their plant growth.

The LYNX3 continuously measures the light photons at µmol/m2/s (PPFD). With this powerful tool, you can easily monitor and adjust the overall light sensor readings for your entire system.

Using the LYNX3 light meter data you can calculate the cumulative light (DLI) delivered, allowing you to adjust your light intensity accordingly and maximize your plant growth.

GROW3

Customized Light Output

Take control of your greenhouse or vertical farm like never before with LED Smart's GROW3™ system! Experience the significant advantages of complete control over the color ratio, intensity, and scheduling, unmatched by any other lighting system in the industry.

You can maximize your growing cycles and reduce operating costs through efficient use of power and light. With the GROW3™ system, you have complete control of the color of light (PAR or ePAR), intensity (PPFD), and power efficacy (PPE).

Don't wait any longer, make the switch to GROW3™ today and take your growing operation to the next level!

Experience the Multi-Driver Difference

Experience the innovation of GROW3™ with our state-of-the-art internal driver technology! Our efficient drivers maintain high efficacy regardless of the desired light output, ensuring energy savings and a steady PPE rating. With smaller, fanless drivers, you can trust that your GROW3™ system will remain cool and efficient even at full color ratio settings.

Don't settle for outdated technologies that rely on large, heat-generating external drivers. Choose GROW3™ and take advantage of our internal driver design to maximize power efficacy and reduce operating costs. Plus, our convenient control systems can be operated remotely or automated using Wi-Fi, Bluetooth® or PLC communications.

Lighting the future with technology

LED Smart has over 25 years of experience designing, testing, and manufacturing advanced LED lighting and control technology for all types of applications and challenging environments. All GROW3™ are designed, tested and produced at our state-of-the-art production facility in Surrey, BC. All products are designed, tested and produced in accordance with our quality assurance of our ISO 9001:2015 standards.
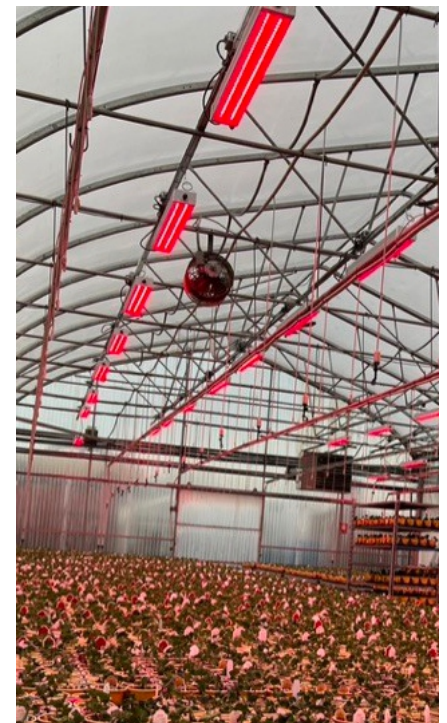
For easy North American distribution, service and help desk assistance. Contact us for a site visit or request a factory tour!

MADE IN CANADA

sales@ledsmart.com

GROW3

LED SMART INC

CONTROL THE GROW ™

Efficiency and Function at its Finest

www.grow3light.com