ARTEMIS SERIES RGL-01 RESIDENTIAL LED GROW LIGHT

The Artemis Series RGL-01 full spectrum LED grow lighting is the perfect combination of LED technology and scalable design for any home or residential green house facility.

The RGL-01 is an IP-65 324 multi array high output 150 watt full spectrum LED grow light that outperforms many metal halide grow lights that are on the market today. The compact design of this luminaire allows for even uninterrupted coverage across the entire plants canopy. The RGL-01 also incorporates Infrared LEDs to aide in the blossom and fruit yields and is convection cooled.

Offering the highest PPF to reach 670 µmol/s and EFF up to 2.7 µmol/J effectively increase yield production of plant growth and save up to 40% in energy costs.

RGL-01 shown above

Product Features:

- IP65 Rated - Suitable for wet locations
- 120-277V operation
- Power Factor >0.9
- Convection Cooled (no moving parts)
- Proprietary thermal mitigation system
- Operational environment -40°C to 45°C (-40°F to 113°F)
- Full Spectrum LED Grow light solution

- Coverage to 3'-0" x 3'-0" area
- Includes: Aircraft cable hanging system
- UL Class 2 Driver
- cETLus Listed
- DLC Qualified
- Warranty 5 years and 1 day

PPFD:

Height: 12 in

215	340	432	435	347	225
340	558	769	761	561	325
443	753	1082	1108	759	424
438	788	1127 (1488)	1135	783	436
374	612	863	839	622	353
254	385	501	485	388	240

Height: 18 in

214	280	323	322	281	220
292	376	453	450	380	284
337	453	550	548	448	337
331	466	561 (634)	562	460	330
299	405	482	483	398	294
242	311	360	360	307	240

Height: 24 in

199	230	243	236	208	171
242	280	299	285	252	198
265	308	329	318	273	214
263	304	326 (396)	315	270	210
234	272	295	281	240	191
193	223	235	227	199	164

Measurements taken on a 24" x 24" grid

ALTMAN
LIGHTING

PROUDLY ASSEMBLED IN THE USA

ALTMAN LIGHTING
ARTEMIS
SERIES

Photometric Performance: AL-RGL01-CP1500 @ 24" (0.609M)
note all measurements taken at 80°F @ 55% Humidity w. LED
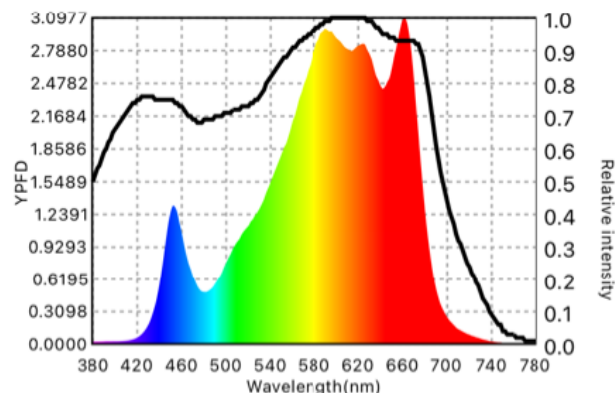*warm up time of 90 Min.*
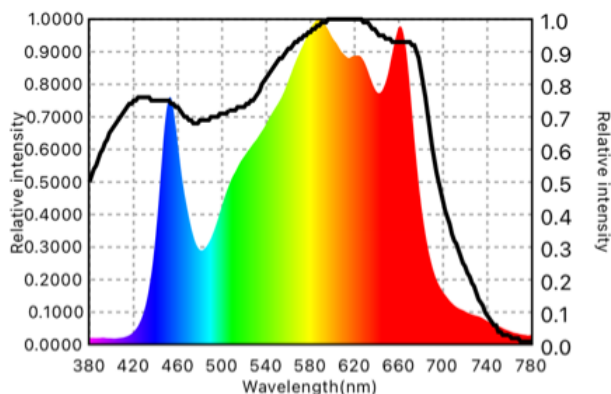
PPFD Spectrum
Ref.: McCREEs ACTION SPECTRUM
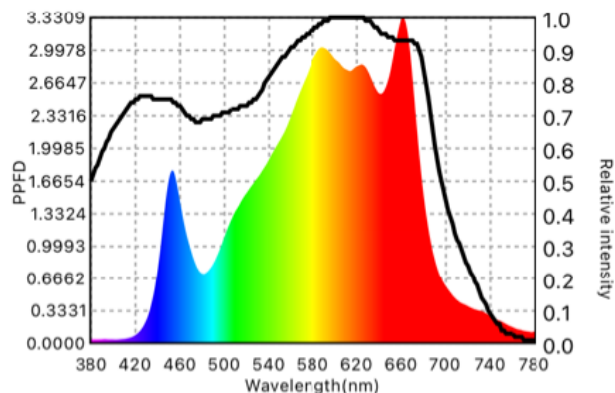
Weighted Spectrum
Ref.: McCREEs ACTION SPECTRUM

Original Spectrum
Ref.: McCREEs ACTION SPECTRUM

86				106				83
	142			172			132	
		222		247		202		
			308	321	283			
109	168	250	330	396	313	226	153	94
			300	324	288			
		216		245		202		
	144			61			133	
92				104				85

AL-RGL-CP1500	
Grow Light	Altman Lighting
QTY	1
Height	24"
Average PAR	198.09
Max PAR	396
Min PAR	83
Watts	155
Voltage	123
Amb Temp	80F

Measurements taken at 24" high on a 48" x 48" grid

ALTMAN
LIGHTING

ALTMAN LIGHTING
ARTEMIS
SERIES

Photometric Performance: AL-RGL01-CP1500 @18" (0.45M)
note all measurements taken at 80°F @ 55% Humidity w. LED
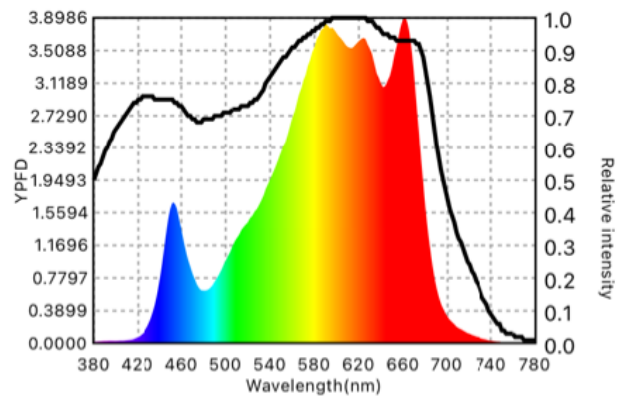*warm up time of 90 Min.*
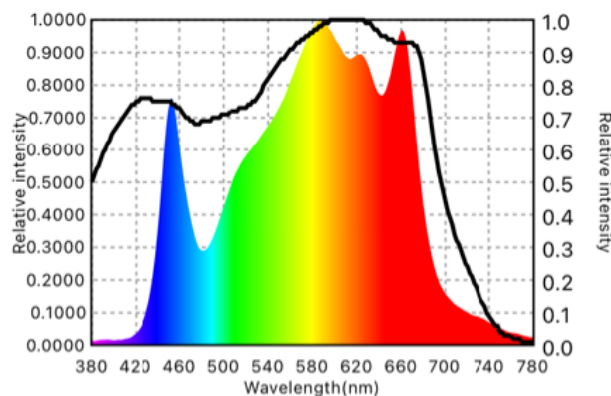
PPFD Spectrum
Ref.: McCREEs ACTION SPECTRUM
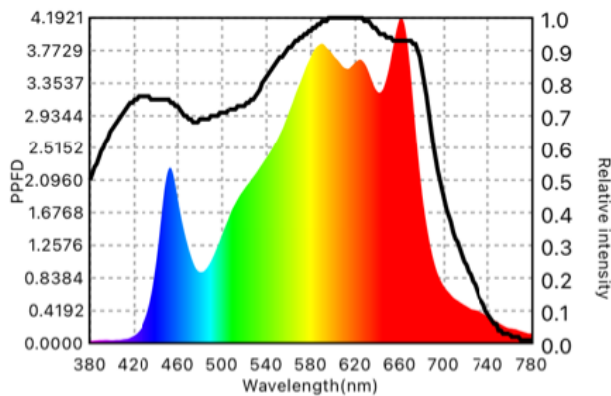
Weighted Spectrum
Ref.: McCREEs ACTION SPECTRUM
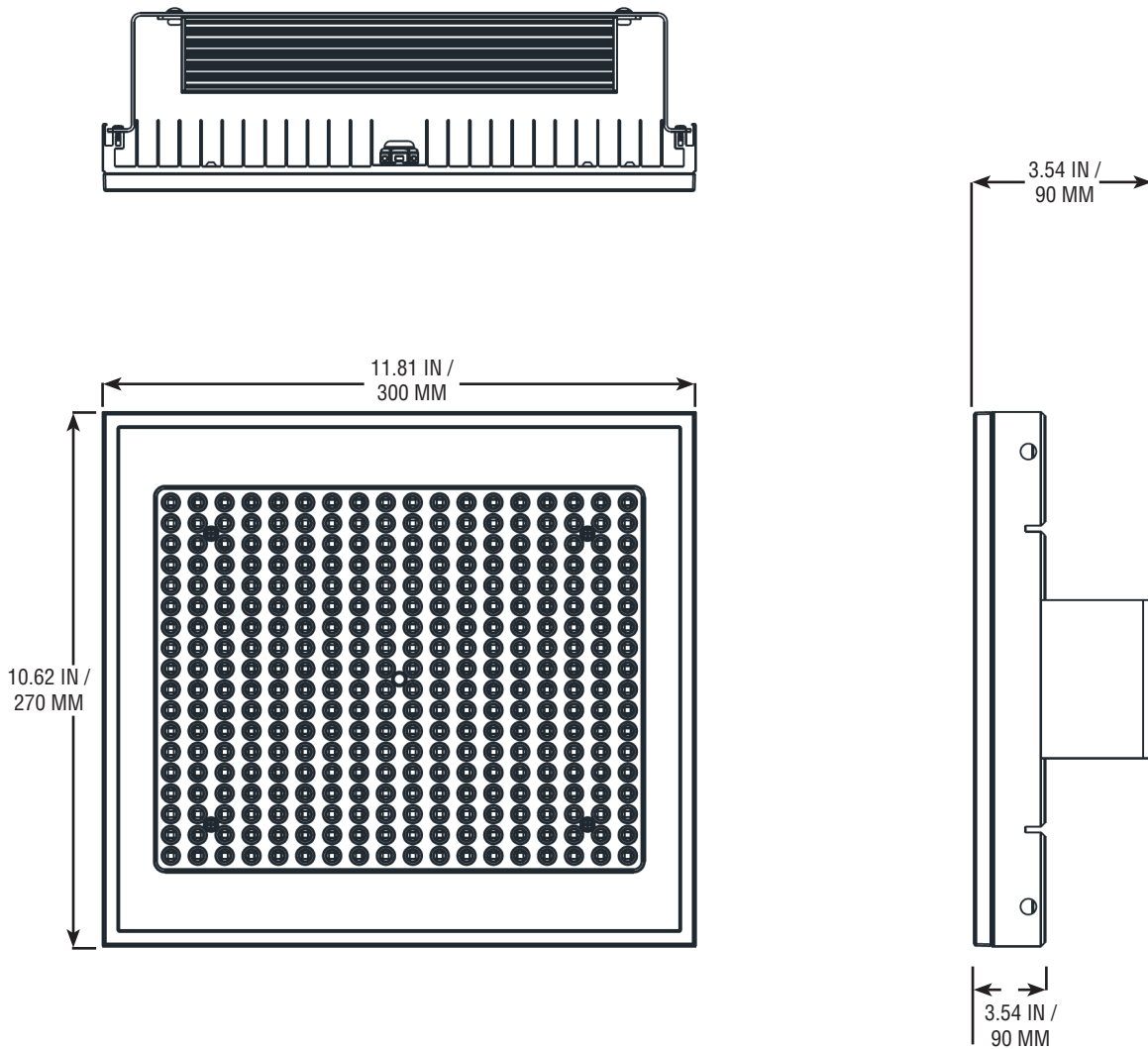
Original Spectrum
Ref.: McCREEs ACTION SPECTRUM

76				100				78
	147			192			149	
		265		344		280		
			466	521	465			
90	177	307	509	634	545	345	192	99
			435	526	470			
		249		338		277		
	147			186			151	
72				108				80

AL-RGL-CP1500	
Grow Light	Altman Lighting
QTY	1
Height	18"
Average PAR	273.33
Max PAR	634
Min PAR	72
Watts	155
Voltage	123
Amb Temp	80F

Measurements taken at 18" high on a 48" x 48" grid

ALTMAN
LIGHTING

ALTMAN LIGHTING
ARTEMIS
SERIES

Dimensions:

11.81 IN /
300 MM

10.62 IN /
270 MM

3.54 IN /
90 MM

3.54 IN /
90 MM

ALTMAN
LIGHTING

ALTMAN LIGHTING
ARTEMIS
SERIES

Specifications

Materials:	Construction is corrosion-resistant materials and hardware.
Control:	On / Off Only
Light Engine:	324 LED multifaceted array
Max Par 18":	634 Center of Array
LED Rated Life:	LED arrays are rated for >50,000 hours of operation.
Input Voltage:	120-277 VAC 50/60 Hz
Wattage:	155 Max output
Current Draw:	1.2A at 120VAC / .55A at 277VAC
Quiescent Load:	N/A
Power Factor:	≥ 0.9
LED Engine Cooling:	Passive w. proprietary thermal mitigation system
Environment:	40 to 45 degrees C (-40 to 113 degrees F). IP65 Wet location rated
Weight:	8.01 lbs. (3.646Kg.)
Dimensions:	13.34" x 12.59" x 5.31" (350 x 320 x135mm.)
Body Color:	Black
Compliance:	cETLus listed for indoor/outdoor use and CE marked DLC (QP1) Listed
Warranty:	5 Years and 1 Day
Support:	Supported Forever - Free phone and online. Tech support for the life of your product.

Note: There are many aftermarket accessories for Altman Lighting products available through third-party suppliers. When considering these aftermarket accessories, we suggest that you consult with your Altman Regional Sales Manager beforehand regarding capability and effects on product performance.

Ordering Information

AL-RGL01 Series

AL-RGL01-CP1500: 155 watt, 324 LED, 630 PPF(µmol/s), 120-277 VAC w. IP65 Rated convection cooled horticultural lighting fixture.

Note: AL-RGL01 series includes One (1) four way aircraft cable hanging system, with spring clip.