

One Emitter is made up of (2) 12" x 47.5" Rigid Blades
A 4' x 4' Grow Area uses (2) Emitters = (4) Rigid Blades

SPECIFICATIONS

Spectrum	Patriot Plus
Light Source	LED
Light Distribution	Lambertian
Emitter Length	47.5" (1207 mm)
Emitter Width	23.5" (598 mm)
Emitter Height	< 1.5" (38 mm)
Emitter Weight	7 lbs. (3.2 Kg)
Mounting Height (min.)	4" (102 mm) Above Canopy
Optional Dimming	100% - 10%
Lifetime	L ₉₀ >45,000 hrs
Thermal Management	Passive
Max. Ambient Temperature	95°F (35°C)
Warranty	3 Year Standard

PHOTOSYNTHETIC PERFORMANCE ^{[1],[2]}

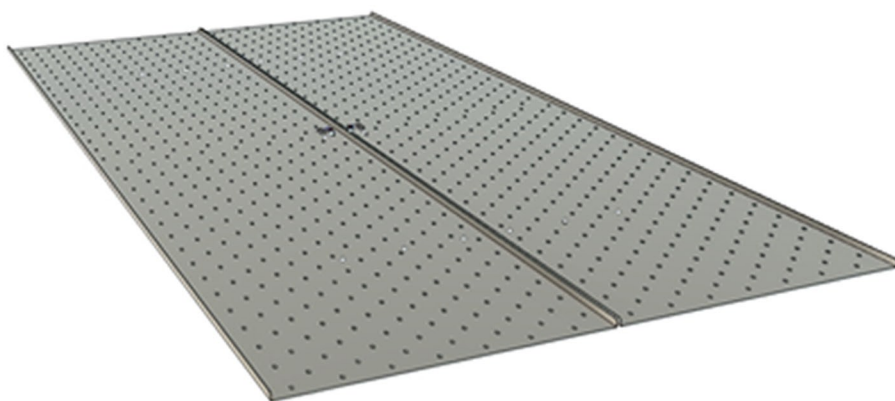
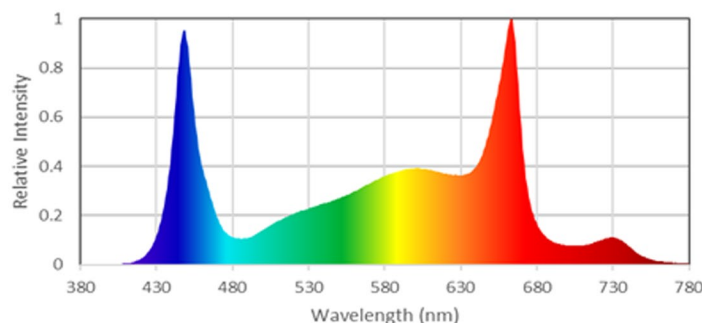
	(Maximum)	(Minimum)
PPF (PAR+) ^[3]	1770 μmol/s	640 μmol/s
Input Power	740 W	230 W
Efficacy	2.39 μmol/J	2.78 μmol/J
PPFD (PAR+) at 4" Above Canopy	1110 μmol/m ² s	400 μmol/m ² s

^[1]Data based on a 4' x 4' Grow Area covered by 2 Emitters

^[2]Due to variability in components and application, all data may vary approximately ± 10%

^[3]PAR+ is Photosynthetic Active Radiation from 400 nm - 780 nm

Patriot Plus Spectrum



There are a range of remote driver options available to power the Growfilm 12" Rigid Blade Emitter. Please speak with our sales representative to find your best option.