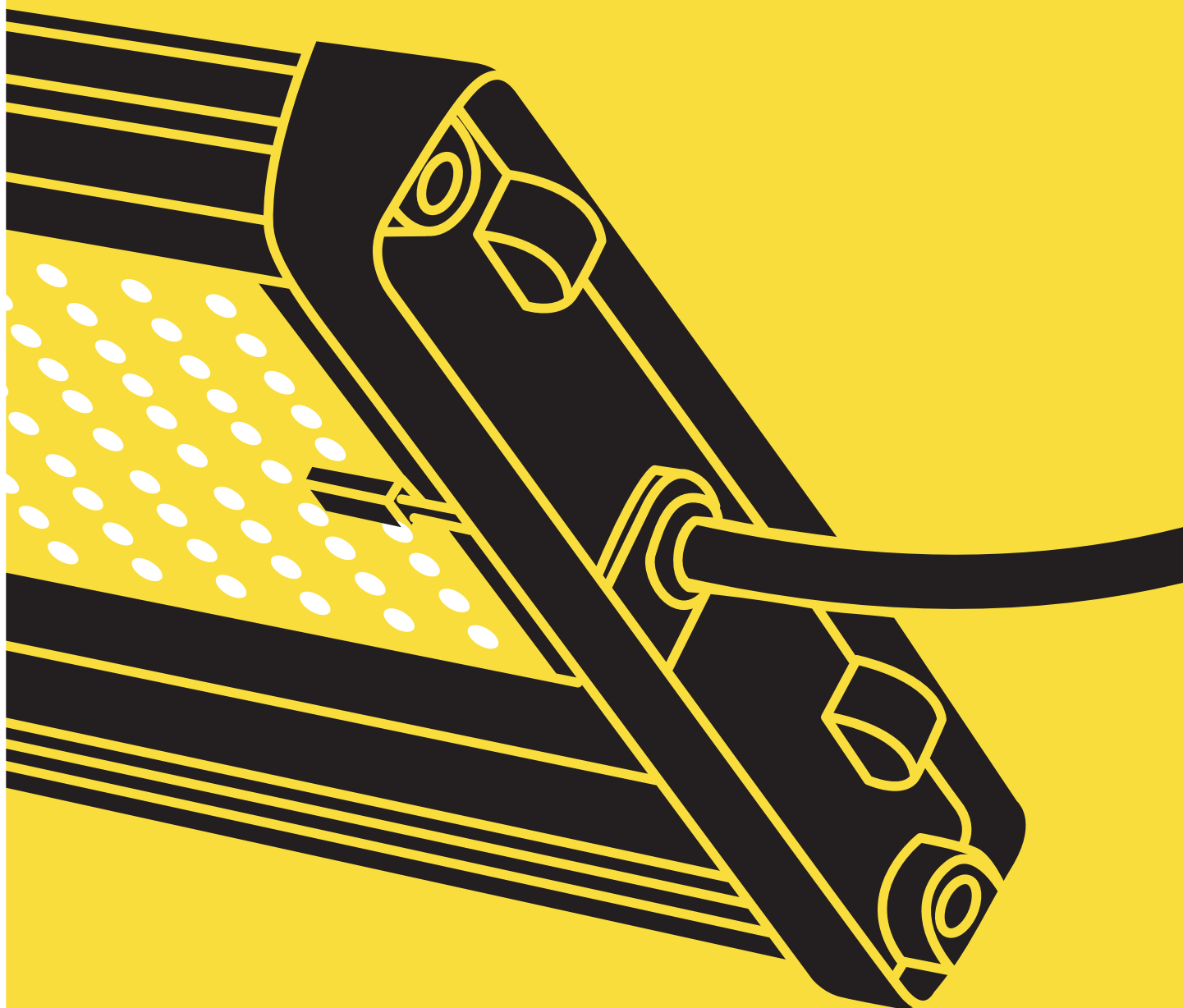


RT H030

**We're rewriting  
the rules of lighting.**



[ridgetoplighting.com](http://ridgetoplighting.com)

**RIDGETOP** Shine  
& Rise

**RT H030 : 320W**



## Optimize your light penetration

The RT H030 is your **320W** go-to grow light solution for distributed lighting and improved photosynthesis to get the most light penetration in your canopies—without light bleaching or damage.

- Elegant, minimalistic and rugged IP67 enclosure Purposely designed
- diffusion optics to ensure good color mixing and deep canopy penetration
- Broad white spectrum, including the full visible spectrum, far-red and near-IR, to address all growth phases



**RIDGETOP** Shine  
& Rise

# RT H030



## Designed to replace outdated HPS technology

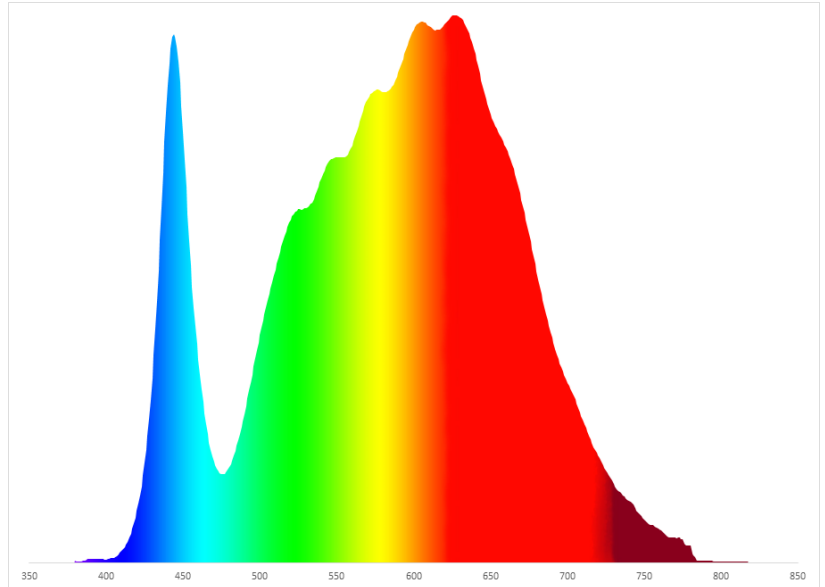
Ridgetop recommends installing 2 of the RT H030 - 320 watt fixtures to replace a 1000W double ended HPS. We have determined that 640w of our patent pending LED light delivers more photons to the plants than comparable lighting technologies. The below chart shows the light levels that will be achieved when replacing 1000W HPS lamps spaced on 5' centers with 640w of RT H030 products.

### ELECTRICAL SPECIFICATIONS

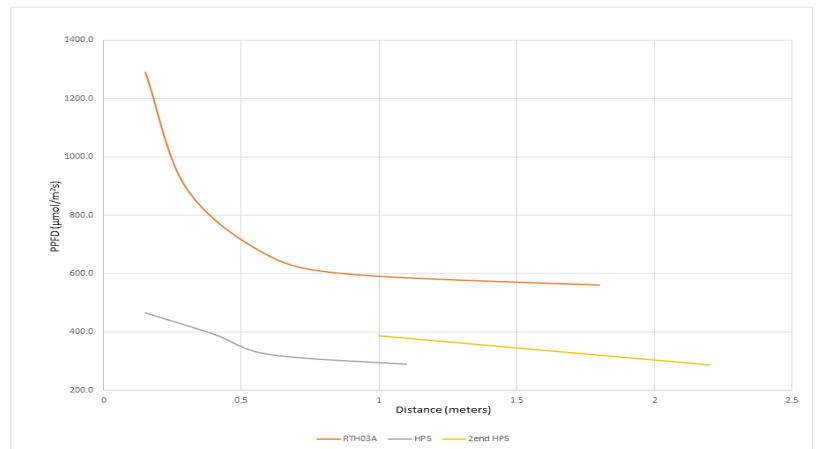
Description	Narrow Profile
Spectrum Version	Super-Gro with wideband red
Light Source	LED
Spectrum (wavelength)	400-760 nm
Red: Blue Ratio	2.5:1
PPF	700 $\mu\text{mol/s}$
Efficacy	2.2 $\mu\text{mol/J}$
PPFD @ 6 inches	1300 $\mu\text{mol/m}^2/\text{s}$
PPFD @ 12 inches	918 $\mu\text{mol/m}^2/\text{s}$
PPFD @ 18 inches	550 $\mu\text{mol/m}^2/\text{s}$
PPFD @ 24 inches	380 $\mu\text{mol/m}^2/\text{s}$
Input Power	320 W
Input Voltage	100-277 or 347/480 V
Thermal Management	Passive
Damp Location	IP 67
Mounting Height	0-39 inches
Dimming	0-10 V
Lens	Clear or Frosted

### SPECIFICATIONS

Length	45 1/4"
Width	7 1/2"
Height	1 5/8"
Weight	12 lbs



The chart below compares Ridgetop's Spectrums against single-ended HPS and double-ended HPS lamps. As it can be seen, the RT H0xx outperforms under all conditions.



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