

Lighting Summary

Brand	Feit
Model	GLP24FS/30W/LED
Lamp Type	LED

Voltage (VAC)	120
Current (A)	0.25
Power (W)	30

Photon Flux($\mu\text{mol/s}$)

mm range($\mu\text{mol/s}$)

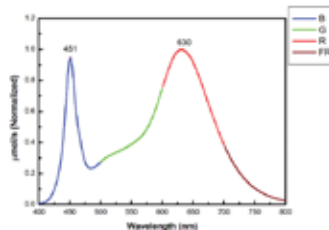
400-499	8.700369
500-599	11.53281
600-700	21.76346

Total **41.99664**

PAR ($\mu\text{mol/s}$)	42
PAR efficacy ($\mu\text{mol/J}$)	1.4
PAR efficacy ($\mu\text{mol/kWh}$)	5.0
PAR conversion efficacy (%)	

Luminous Flux (lm)	2100
CCT (K)	3300
CRI (Ra)	75

Normalized Photon Flux



- ▶ Red and blue ends of the visible part of the electromagnetic spectrum are used by plants in photosynthesis.
- ▶ Chlorophylla-a & b are the primary pigments for photosynthesis in plants with absorption peaks at approximately 451nm and 630nm.