

## Lighting Summary

<b>Brand</b>	<b>Feit</b>
<b>Model</b>	<b>GLP14FS/HB/80W/LED</b>
<b>Lamp Type</b>	<b>LED</b>

<b>Voltage (VAC)</b>	<b>120</b>
<b>Current (A)</b>	<b>0.69</b>
<b>Power (W)</b>	<b>82</b>

**Photon Flux(μmol/s)**

**mm range(μmol/s)**

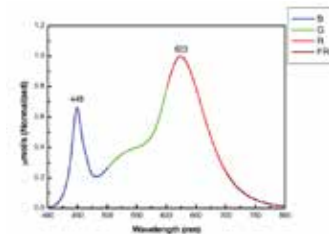
400-499	17.767
500-599	30.794
600-700	50.824

<b>Total</b>	<b>99.39</b>
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PAR (μmol/s)	<b>100</b>
PAR efficacy (μmol/J)	<b>1.2</b>
PAR efficacy (μmol/kWh)	<b>4.4</b>
PAR conversion efficacy (%)	

Luminous Flux (lm)	<b>5600</b>
CCT (K)	<b>3000</b>
CRI (Ra)	<b>80</b>

**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 449nm and 623nm.