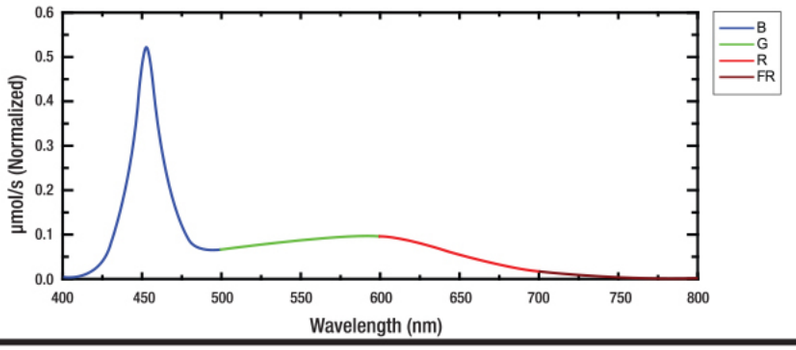
LIGHTING SUMMARY, HORTICULTURAL APPLICATION

Voltage (VAC)	120V
Current (A)	0.145
Power (W)	17

Range (nm)	Photon Flux (µmol/s)
400-499	14.7
500-599	8.0
600-700	5.2

PPF/PAR (µmol/s)	27.9
PPF/PAR efficacy (µmol/J)	1.64
Luminous Flux (lm)	1200
CRI (Ra)	80

Normalized Photon Flux: White+Blue

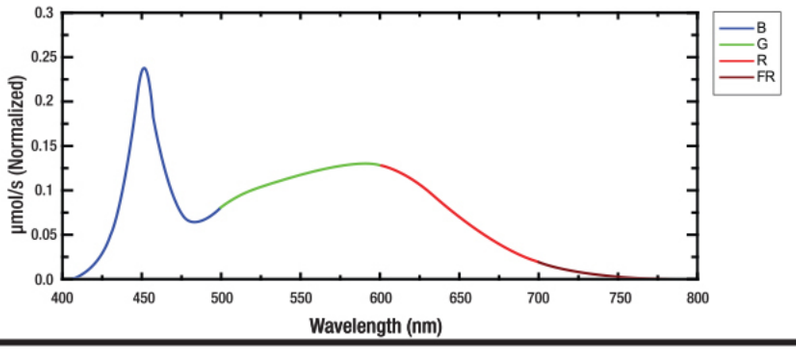


Voltage (VAC)	120V
Current (A)	0.145
Power (W)	17

Range (nm)	Photon Flux (µmol/s)
400-499	8.1
500-599	11.1
600-700	7.3

PPF/PAR (µmol/s)	26.5
PPF/PAR efficacy (µmol/J)	1.56
Luminous Flux (lm)	1600
CRI (Ra)	80

Normalized Photon Flux: White

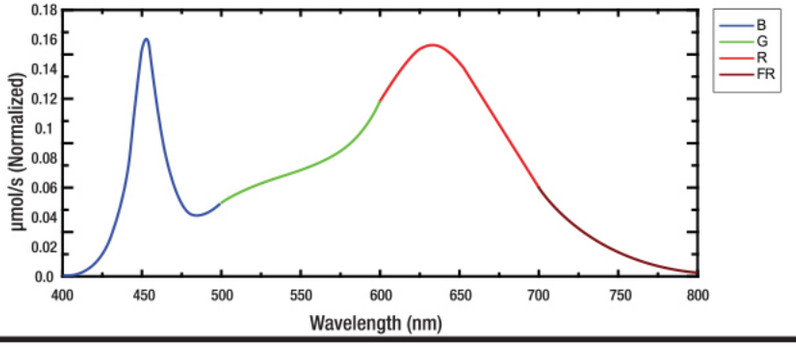


Voltage (VAC)	120V
Current (A)	0.145
Power (W)	17

Range (nm)	Photon Flux (µmol/s)
400-499	5.2
500-599	7.4
600-700	11.5

PPF/PAR (µmol/s)	24.1
PPF/PAR efficacy (µmol/J)	1.42
Luminous Flux (lm)	1200
CRI (Ra)	80

Normalized Photon Flux: White+Red



- Red and blue ends of the visible part of the electromagnetic spectrum are used by plants in photosynthesis
- Extrémités rouges et bleues de la partie visible du spectre électromagnétique sont utilisés par les plantes lors de la photosynthèse
- Chlorophyll a & b are the primary pigments for photosynthesis in plants with absorption peaks at approximately 450nm and 630nm
- Chlorophyll a et b sont les pigments primaires pour la photosynthèse des plantes avec des pics d'absorption à environ 450nm et 630nm