

DesignLights Consortium



Model Number	FLL-6801
Product Name	LED Grow Light
Product ID	H-0002001
QPL	Horticultural
Manufacturer	FloraFlex Corp.
Brand Name	FloraFlex
DLC Family Code	WWWXQW
Listing Status	Listed
Date Qualified	2021-09-01

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Horticultural
Product ID	H-0002001
Manufacturer	FloraFlex Corp.
Brand	FloraFlex
Product Name	LED Grow Light
Model Number	FLL-6801
Technical Requirements Version	2.1
DLC Family Code	WWWXQW
Parent	Yes
Fixture Maximum Ambient Temp	45 °C

PRODUCT CAPABILITIES VIEW DETAILS

Fan Presence	No
Spectrally Tunable	No
Dimmable	Yes

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Photosynthetic Photon Efficacy (400-700nm)	2.64 $\mu\text{mol}/\text{J}$
Reported Photosynthetic Photon Flux (400-700nm)	1778 $\mu\text{mol}/\text{s}$
Reported Photon Flux Blue (400-500nm)	352.4 $\mu\text{mol}/\text{s}$
Reported Photon Flux Green (500-600nm)	733 $\mu\text{mol}/\text{s}$
Reported Photon Flux Red (600-700nm)	693.9 $\mu\text{mol}/\text{s}$
Reported Photon Flux Far Red (700-800nm)	42.5 $\mu\text{mol}/\text{s}$

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Voltage Range	100-277 V
Reported Input Wattage	650 W
Reported Power Factor	0.935
Reported Total Harmonic Distortion	11 %

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

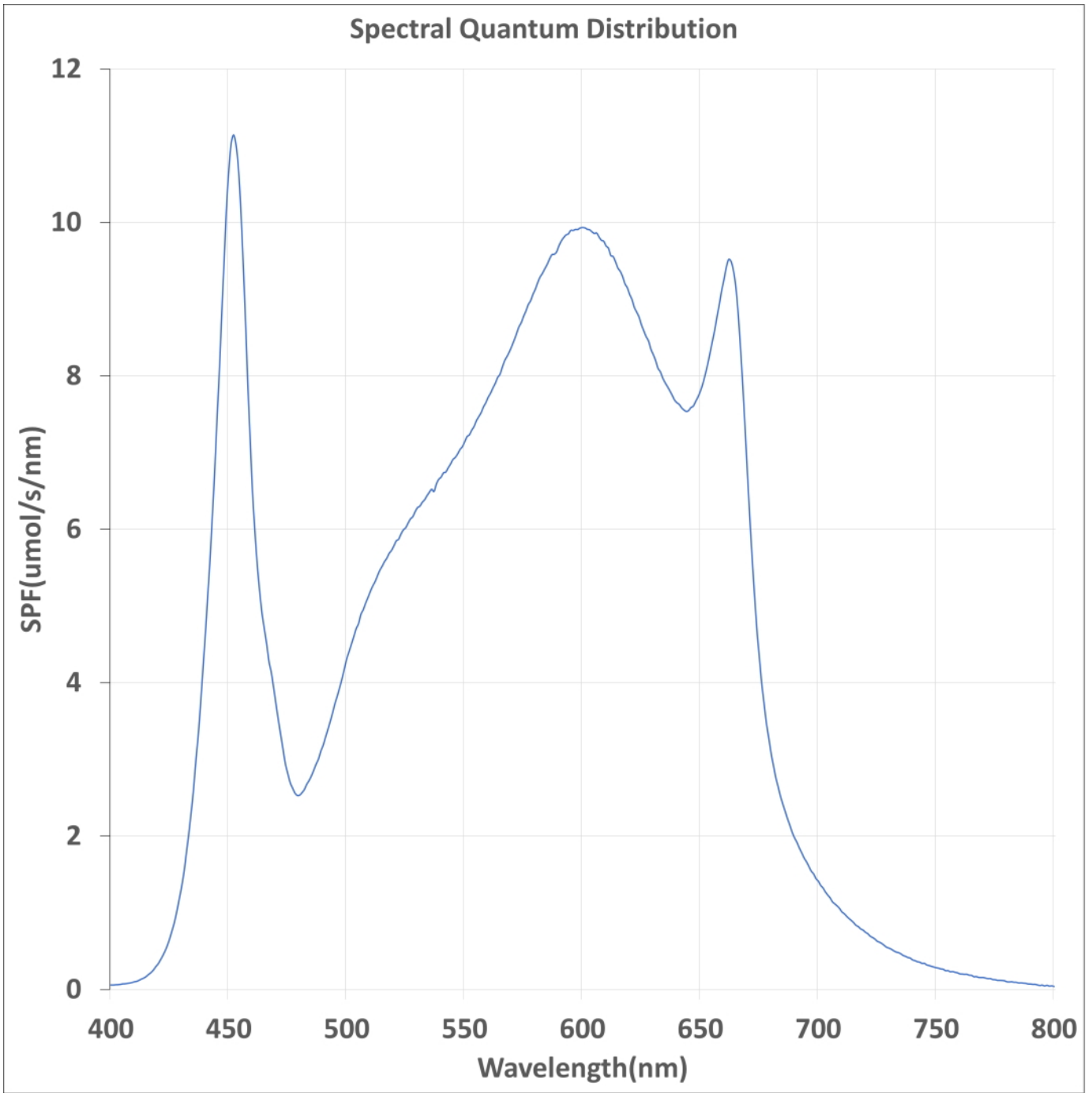
Tested Photosynthetic Photon Efficacy (400-700nm)	2.64 $\mu\text{mol}/\text{J}$
Tested Photosynthetic Photon Flux (400-700nm)	1778 $\mu\text{mol}/\text{s}$
Tested Photon Flux Blue (400-500nm)	352.4 $\mu\text{mol}/\text{s}$
Tested Photon Flux Green (500-600nm)	733 $\mu\text{mol}/\text{s}$
Tested Photon Flux Red (600-700nm)	693.9 $\mu\text{mol}/\text{s}$
Tested Photon Flux Far Red (700-800nm)	42.5 $\mu\text{mol}/\text{s}$

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

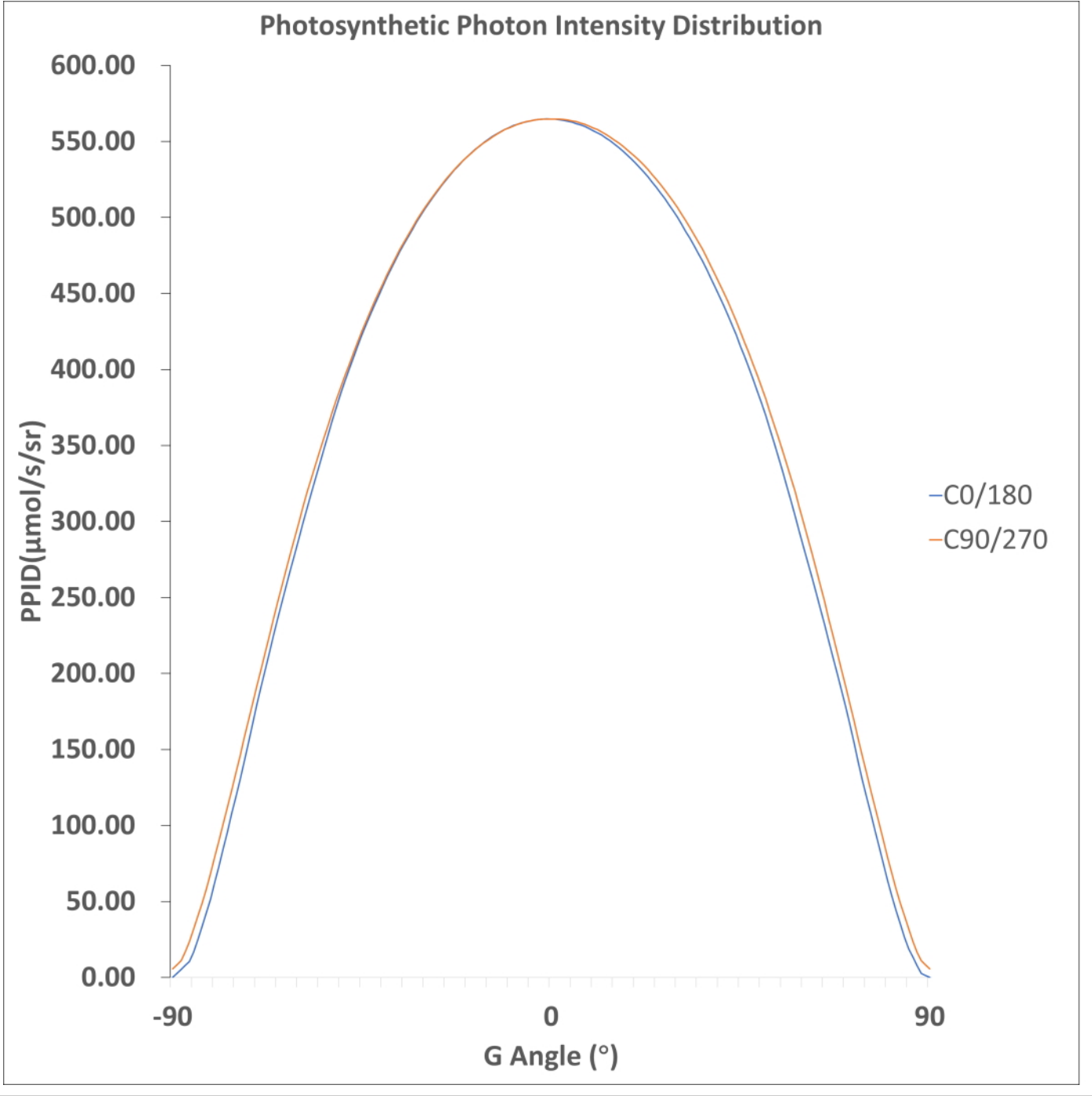
Tested Input Wattage	674.2 W
Tested Voltage	277
Tested Power Factor	0.9351
Tested Total Harmonic Distortion	11 %

SQD/PPID VIEW DETAILS

SQD	
------------	--



PPID



VERSION HISTORY VIEW DETAILS

2021-08-31	Listed	2.1
------------	--------	-----