

DesignLights Consortium



Model Number	BVNS680W1S640C1
Product Name	PRO DR-84
Product ID	H-17G17E2
QPL	Horticultural
Manufacturer	Marosi Designs LLC d/b/a BVV
Brand Name	Neocision
Listing Status	Listed
Date Qualified	2021-07-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Horticultural
Product ID	H-17G17E2
Manufacturer	Marosi Designs LLC d/b/a BVV
Brand	Neocision
Product Name	PRO DR-84
Model Number	BVNS680W1S640C1
Technical Requirements Version	2.0
Fixture Maximum Ambient Temp	40 °C

PRODUCT CAPABILITIES VIEW DETAILS

Fan Presence	No
Spectrally Tunable	No
Dimmable	Yes

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Voltage Range	100 - 277 V
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TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

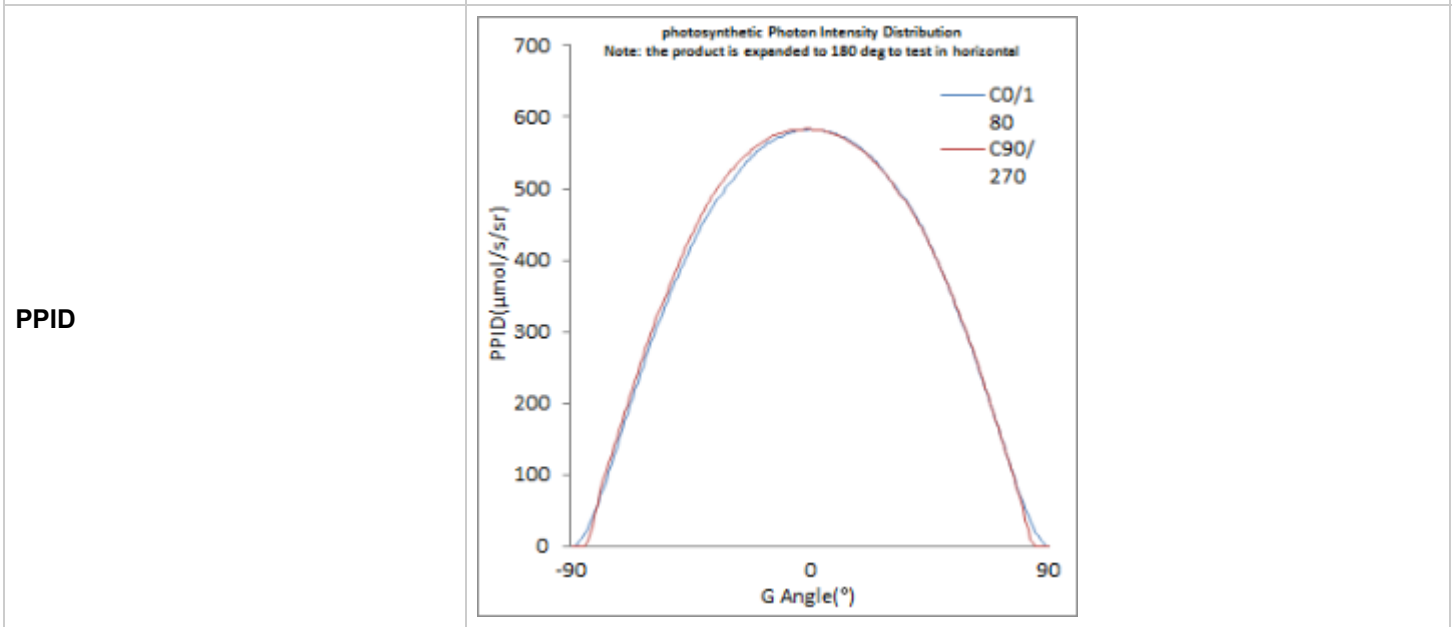
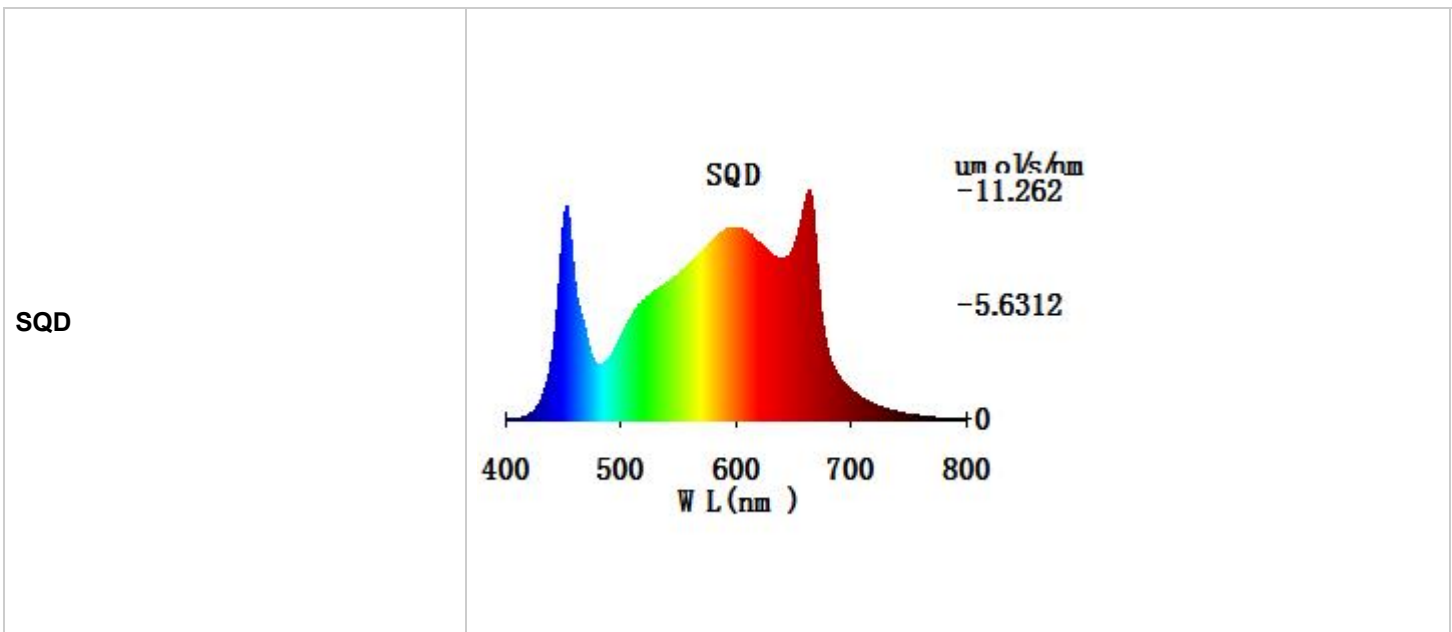
Tested Photosynthetic Photon Efficacy ($\mu\text{mol}/\text{J}$) (400-700nm)	2.58 $\mu\text{mol}/\text{J}$
Tested Photosynthetic Photon Flux ($\mu\text{mol}/\text{s}$) (400-700nm)	1773 $\mu\text{mol}/\text{s}$

Tested Photon Flux Blue ($\mu\text{mol/s}$) (400-500nm)	328.1 $\mu\text{mol/s}$
Tested Photon Flux Green ($\mu\text{mol/s}$) (500-600nm)	722.6 $\mu\text{mol/s}$
Tested Photon Flux Red ($\mu\text{mol/s}$) (600-700nm)	722.2 $\mu\text{mol/s}$
Tested Photon Flux Far Red ($\mu\text{mol/s}$) (700-800nm)	45.04 $\mu\text{mol/s}$

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	688.5 W
Tested Power Factor	0.993
Tested Total Harmonic Distortion	0.03 %

SQD/PPID VIEW DETAILS



VERSION HISTORY VIEW DETAILS