



Model Number	GMLL0680W6I1A12A2
Product Name	Master 6 Bloom Red
Product ID	H-ARV7JX
QPL	Horticultural
Manufacturer	GML Solutions Ltd.
Brand Name	Grand Master LEDs
DLC Family Code	PPPTXD
Listing Status	Listed
Date Qualified	2023-02-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Horticultural
Product ID	H-ARV7JX
Manufacturer	GML Solutions Ltd.
Brand	Grand Master LEDs
Product Name	Master 6 Bloom Red
Model Number	GMLL0680W6I1A12A2
Technical Requirements Version	2.1
DLC Family Code	PPPTXD
Parent	Yes
Input Power Type	AC
Fixture Maximum Ambient Temp	40 °C
Actively Cooling Presence	No

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Horticultural Lighting Fixture
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PRODUCT CAPABILITIES VIEW DETAILS

Spectrally Tunable	No
Dimmable	Yes
Fan Presence	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Photosynthetic Photon Efficacy (400-700nm)	2.79 $\mu\text{mol}/\text{J}$
Reported Photosynthetic Photon Flux (400-700nm)	1946 $\mu\text{mol}/\text{s}$
Reported Photon Flux Blue (400-500nm)	327 $\mu\text{mol}/\text{s}$
Reported Photon Flux Green (500-600nm)	744 $\mu\text{mol}/\text{s}$

Reported Photon Flux Red (600-700nm)	876 $\mu\text{mol/s}$
Reported Photon Flux Far Red (700-800nm)	113 $\mu\text{mol/s}$

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	698 W
Reported Power Factor	0.996
Reported Total Harmonic Distortion	5 %
Voltage Range	100 - 277 V

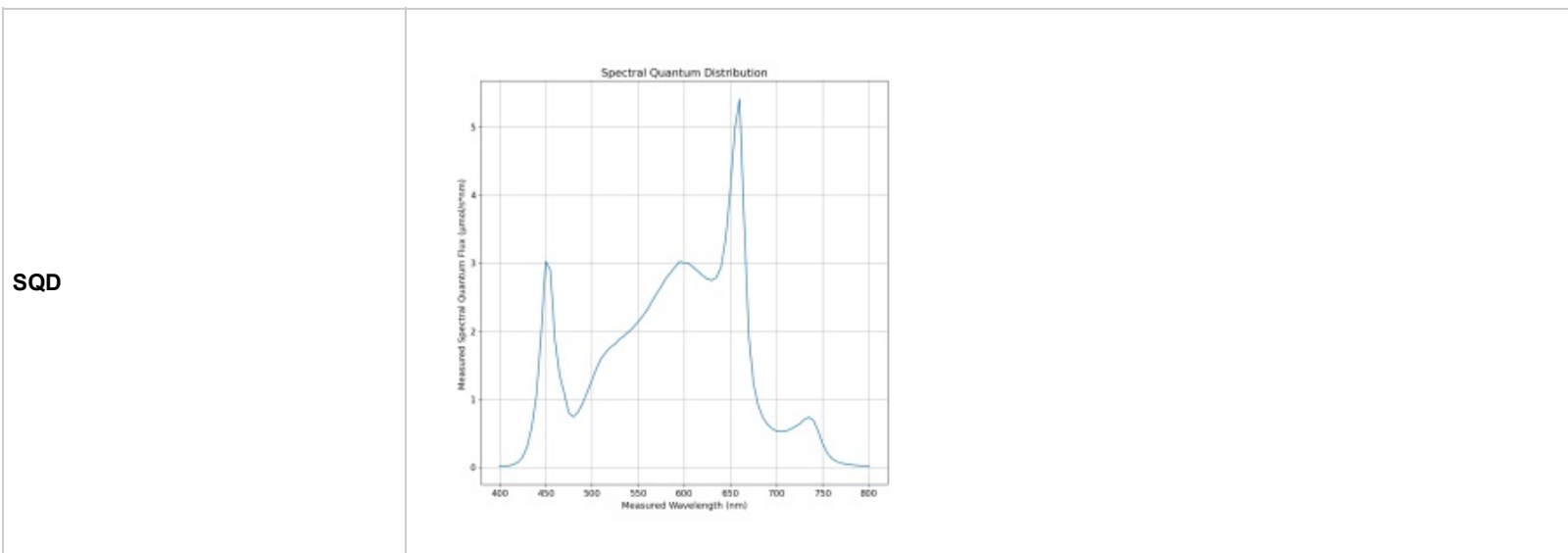
TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Photosynthetic Photon Efficacy (400-700nm)	2.79 $\mu\text{mol/J}$
Tested Photosynthetic Photon Flux (400-700nm)	1946 $\mu\text{mol/s}$
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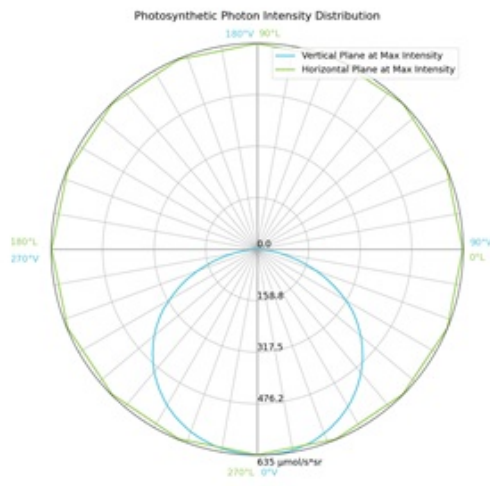
TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	697.7 W
Tested Voltage	120
Tested Power Factor	0.976
Tested Total Harmonic Distortion	10.1 %

SQD/PPID VIEW DETAILS



PPID



VERSION HISTORY VIEW DETAILS

2023-02-02	Listed	2.1
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