

DesignLights Consortium



Model Number	GMLL480W1I450H3
Product Name	MASTER 4V
Product ID	H-HS6DJ8
QPL	Horticultural
Manufacturer	GML Solutions Ltd.
Brand Name	Grand Master LEDs
DLC Family Code	FFFKNS
Listing Status	Listed
Date Qualified	2022-11-29

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Horticultural
Product ID	H-HS6DJ8
Manufacturer	GML Solutions Ltd.
Brand	Grand Master LEDs
Product Name	MASTER 4V
Model Number	GMLL480W1I450H3
Technical Requirements Version	2.1
DLC Family Code	FFFKNS
Parent	Yes
Input Power Type	AC
Actively Cooling Presence	No
Fixture Maximum Ambient Temp	40 °C

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Horticultural Lighting Fixture
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PRODUCT CAPABILITIES VIEW DETAILS

Fan Presence	No
Spectrally Tunable	No
Dimmable	Yes

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Photosynthetic Photon Efficacy (400-700nm)	2.62 $\mu\text{mol}/\text{J}$
Reported Photosynthetic Photon Flux (400-700nm)	1301 $\mu\text{mol}/\text{s}$
Reported Photon Flux Blue (400-500nm)	361 $\mu\text{mol}/\text{s}$
Reported Photon Flux Green (500-600nm)	595 $\mu\text{mol}/\text{s}$
Reported Photon Flux Red (600-700nm)	346 $\mu\text{mol}/\text{s}$
Reported Photon Flux Far Red (700-800nm)	22 $\mu\text{mol}/\text{s}$

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Voltage Range	100 - 277 V
Reported Input Wattage	496 W
Reported Power Factor	0.997
Reported Total Harmonic Distortion	7 %

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

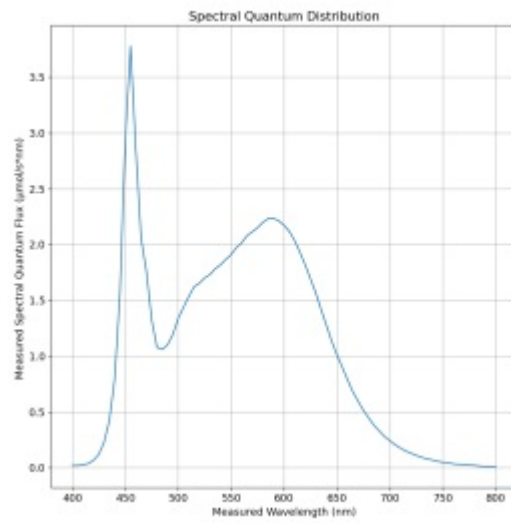
Tested Photosynthetic Photon Efficacy (400-700nm)	2.62 $\mu\text{mol}/\text{J}$
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TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

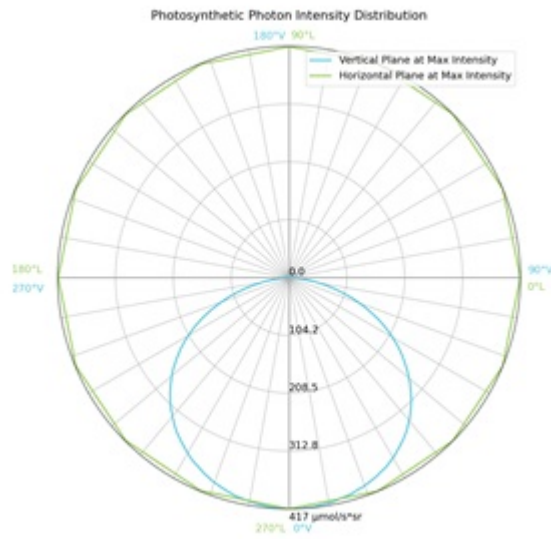
Tested Input Wattage	496.2 W
Tested Voltage	120
Tested Power Factor	0.997
Tested Total Harmonic Distortion	6.6 %

SQD/PPID VIEW DETAILS

SQD



PPID



VERSION HISTORY VIEW DETAILS

2022-11-29

Listed

2.1