

LED PAD 1200



- ✓ Built-in UVC275NM ultraviolet air disinfection function application
- ✓ Photoelectric conversion rate up to 2.9umol/j
- ✓ Foldable for easy handling
- ✓ Ultra-slim body, light weight
- ✓ Lifetime L90: > 50000hours
- ✓ OFF /RTU / 0-10V - control
- ✓ IP65 water resistant



Nominal Electrical Ac Input*

PPFD(umol/m ² /s)--- Height 30cm(12'')							
628	806	858	869	858	868	806	591
778	973	1005	996	991	982	924	686
710	892	903	892	879	885	853	641
604	793	838	844	845	843	810	608
661	882	931	934	941	938	946	748
772	1044	1108	1116	1116	1138	1090	861
725	1018	1077	1104	1113	1110	1042	760
657	876	968	979	976	956	868	632
759	1046	1117	1112	1166	1102	1007	716
868	1118	1127	1118	1116	1108	1052	758
779	915	936	914	902	973	894	691
670	837	880	863	847	843	806	638
678	864	912	896	906	917	911	736
702	941	1004	1010	1018	1034	1025	831
615	830	901	914	891	910	788	572

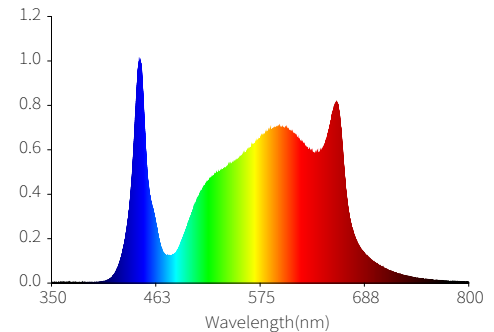
PPFD(umol/m ² /s)--- Height 60cm(24'')							
419	502	549	563	559	528	461	374
486	584	634	655	650	617	545	447
524	621	690	711	706	671	598	485
552	653	720	743	736	696	625	510
576	685	754	783	774	738	664	546
580	709	780	806	802	767	658	559
586	711	788	824	820	779	688	566
594	719	830	830	829	787	698	558
603	722	796	830	827	784	697	563
584	709	783	816	813	772	688	555
557	686	762	789	786	746	681	548
533	657	723	750	747	708	639	531
524	626	689	716	718	681	607	503
471	580	641	673	668	578	578	476
413	509	562	601	598	573	511	427



Specifications

Product Model	LED PAD1200
Product code	80.01.0358
Light output PPF	3480 $\mu\text{mol/s}$
Efficiency	2.90 $\mu\text{mol/J}$
Dimming	240-1200W, OFF/RTU/0-10V
Input power	1200W(AC240V)
Input voltage	AC 120V-277V
Input frequency	50/60Hz
Light distribution	120°
Mounting height	8" - 24" (20-60cm) above canopy
Operating temperature	0°C~35°C
Operating humidity	0~95%
Thermal management	Passive
Power factor	≥ 0.97
Total harmonic distortion	$\leq 15\%$
Requirement of installment	Comply with ETL/CE/EAC certificate
Lifetime L90	> 50,000hrs
IP rating	IP65
Product dimensions	2200x1100x48 mm
Product weight	20.1KG
Packaging method	1PC/Carton (LED fixture with Driver)
Packing dimensions	1190x663x215mm
Gross weight	26.1KG
Loading Quantity	20GP: 163 Carton 40GP: 344 Carton 40HQ: 390 Carton
AU & NZ Warranty	2 years extended warranty (1 year standard + 1 year limited)
Region applied	USA, Canada, Australia, EU, Russia, etc.
Industry application	Greenhouse, indoor grow room, tent

Spectrum



Nominal Electrical Ac Input*

AC VOLTAGE	120V	208V	220V	240V	277V
AC Current	10.62A	5.84A	5.49A	5.00A	4.34A
AC Power	1275W	1215W	1208W	1200W	1202W
Power Factor	0.99	0.99	0.99	0.98	0.98

World exclusive UVC sterilization module

* At 25°C (77°F) Ambient Temperature

Functions	UVC Tube	Life	Source	Noise	Model
Kills bacteria & viruses - removes odor - purifies air	9 watt Osram	6,000 hrs	UVC 275nm	36db	ASM-V1

