



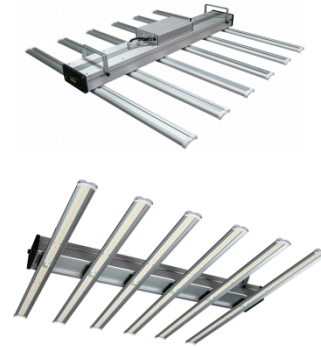
Orion 650 W

Indoor Farming
Vertical Farming
Cannabis Cultivation

LED
Grow Light

Multi-layer: 4-5ft wide benches, 4-6 in from canopy
Grow Room: one fixture per 4ft to 4ft area
Suspension and ceiling
Mounting height 6"– 36"

Input Power	650W
Photosynthetic Photon Flux	1755µmol/S
Luminous Efficacy	2.7µmol/J
Viewing Angle	110°
CRI	89
Input Voltage	100-277Vac 50/60Hz
Amp Draw	5.6A@120V,3.16A@220V,2.91A@240V,2.53@277V
PF	>0.9
THD	<20%
Driver Surge Protection	6KV
Dimming	0-10V
LED Type	3000K+5000K 660nm+730nm
Housing	Aluminum Alloy
Housing Color	Silver
Heat Output	2096 BTU
IP Rating	IP65/surface
Operating Temperature	-10~40°C
Operating Humidity	10%-90% RH
Storage Temperature	-25~60°C
Storage Humidity	10%-90% RH
Warranty Time	5 Years
N.W	11.0Kg/24.25LBS
G.W	13.4Kg/29.54LBS
Packing Dimension	1162*245*245mm



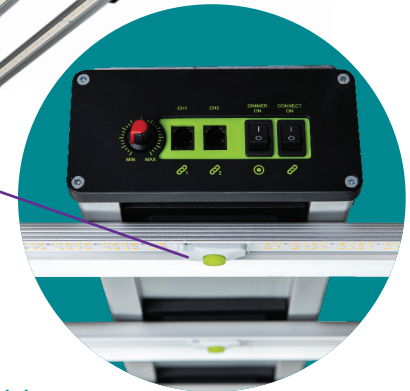
Full Cycle, Flowering Cycle




SNAP ON/OFF
Patented design

PRECISE CONTROLS

0-10V dimming (flicker free) for individual fixtures or group control (daisy chain via RJ11 cable)



One click snap-on assembly
Easy to install, expand and customizable
Dimmable up to 100 fixtures via daisy chain
Adjustable hanging cable, adaptable to different stages of the growth cycle
Sustainable packaging to minimize packaging and transportation cost

 5-year warranty

 IP65 waterproof rating



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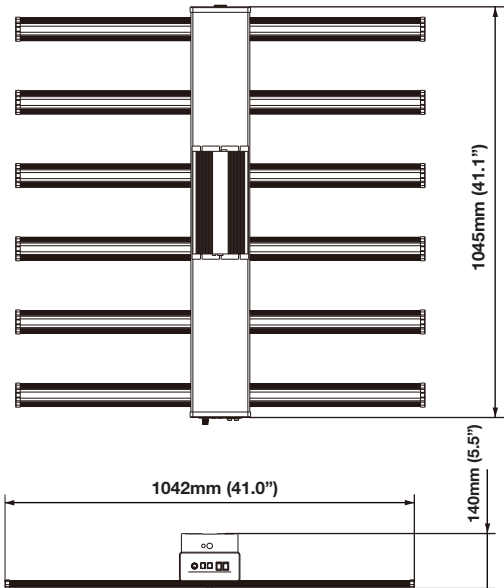
Orion 650 W



LED Grow Light

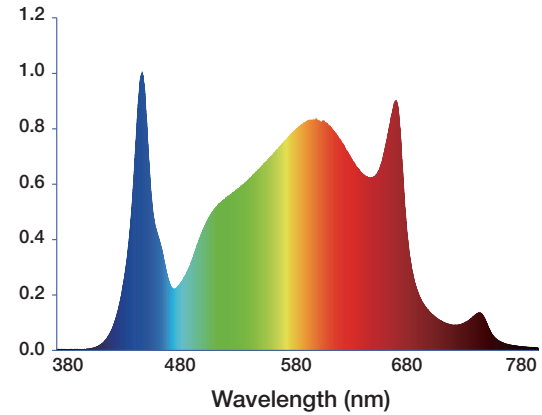


DIMENSIONS



Length (L)	1045mm (41.1")
Width (W)	1042mm (41.0")
Height (H)	140mm (5.5")

SPECTRAL DISTRIBUTION



PPFD READING 4FT TO 4FT AREA

660	704	735	758	769	738	691	672
711	799	819	869	845	827	784	722
724	817	870	909	895	878	802	748
702	830	887	943	921	908	817	715
700	838	895	949	926	909	822	725
748	840	883	933	915	902	821	753
695	802	828	879	860	847	798	708
644	709	717	777	759	716	709	645

0.6m 24"

641	737	787	799	810	779	722	655
750	856	915	963	952	937	849	768
791	927	998	1058	1037	1010	916	804
775	937	1029	1079	1069	1050	932	794
783	945	1030	1094	1064	1038	928	792
803	933	1016	1065	1051	1021	922	820
759	883	932	980	969	947	874	752
633	743	798	812	835	809	742	651

0.45m 18"

614	782	836	929	919	849	786	589
821	1024	1095	1144	1135	1111	1035	846
878	1106	1210	1264	1250	1238	1109	890
864	1117	1227	1288	1266	1233	1098	880
879	1109	1214	1282	1258	1227	1086	875
894	1115	1215	1258	1246	1220	1096	896
843	1048	1118	1165	1141	1124	1026	838
593	769	854	944	935	873	795	618

0.3m 12"

MODEL	INPUT VOLTAGE	INPUT POWER	PPF	PPE	ETL	DLC	FCC
DM6-H10-650-A66-A1D	100-277 VAC	650W	1755 μ mol/s	2.7 μ mol/J	YES	YES	YES

