



#### \* Product features:

- Using Samsung LM301B/LM301H high-efficacy LEDs combined with the latest Osram M5.24 or Samsung LH351H V4 Deep Red 660nm LEDs delivers high PPE of  $2.9\mu$ mol/J.
- Samsung LM301B/LM301H LEDs offer extremely high reliability, resistance to chemical environments and various types of fertilizers.
- High luminous efficacy saves electricity while producing less heat, reducing energy needed for cooling in plant cultivation environments.
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- The 720W LED grow light is designed with a larger size to offer greater flexibility and better canopy coverage, especially for the outer edges of a 4'x4' cultivation area. Optimized for a hanging height up to 14", it provides a light intensity of up to 1400 $\mu$ mol/m2/s.
- Features brightness adjustment capabilities of 25/50/75/100% suitable for various plant growth stages.
- IP65, Class I
- Long life span: up to 54,000 hours, saving the maintenance cost.







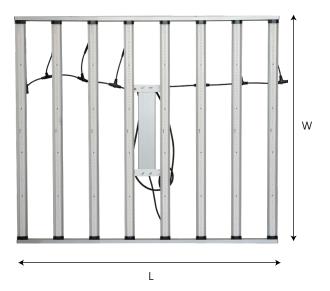
### **PRODUCT DETAILS**



Power Supply Cable

## **PRODUCT SPECIFICATIONS**





Model	Dimension LxW (mm)	Power (W)	Photosynthetic Photon Flux (µmol/s)	Photosynthetic Photon Efficacy (µmol/J)	Spectrum	Dimmable	No of Bars	LED light source
RD-720W-SE.BV3-Gen 3	1220x1151	720	2020	2.80 - 2.85	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	8	LM301B + LH351H V3
RD-720W-SE.BV4-Gen 3	1220x1151	720	2050	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	8	LM301B + LH351H V4
RD-720W-SE.BM5-Gen 3	1220x1151	720	2050	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	8	LM301B + Osram
RD-720W-SE.HM5-Gen 3	1220x1151	720	2050	2.85 - 2.90	Full spectrum (Red + White LED)	1 channel (25/50/75/100%)	8	LM301H + Osram

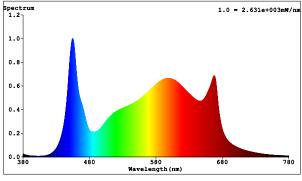
#### Capacity: 0.3 million pieces per year

Customizable: Power, Voltage, PF, Photosynthetic Photon Flux, lifespan, etc.





# SPECTRUM

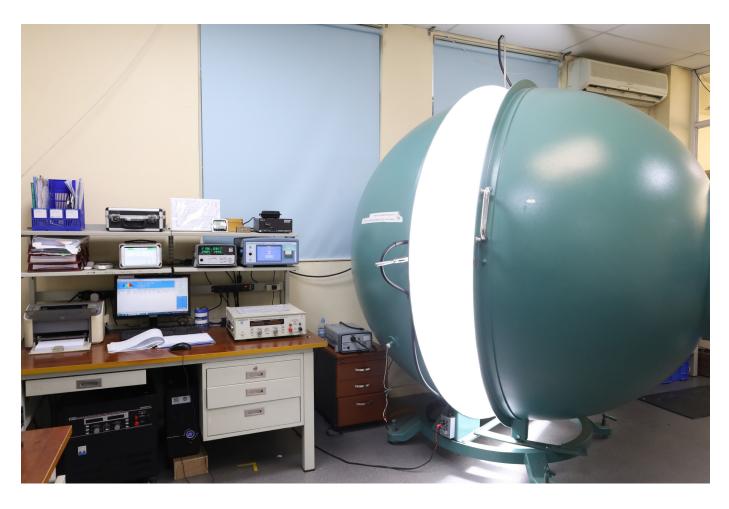


Full spectrum channel









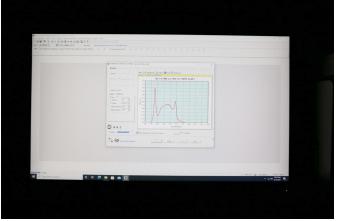




# PHOTON FLUX DISTRIBUTION (PPFD) µMOL/M<sup>2</sup>.S

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3	1226	1528	1575	1611	1612	1582	1526	1229	3	1168	1455	1500	1534	1535	1507	1453
2.5	1273	1534	1596	1630	1636	1598	1533	1271	2.5	1212	1461	1520	1552	1558	1522	1460
2	1276	1539	1600	1634	1638	1602	1537	1277	2	1215	1466	1524	1556	1560	1526	1464
1.5	1229	1531	1577	1613	1612	1583	1523	1226	1.5	1170	1458	1502	1536	1535	1508	1450
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# **PACKING AND TRANSPORTATION**



Customizable according to customer's request

Type of lamps	Quantity in master box (pcs)	Estimated quantity/ 20'DC (pcs)	Estimated quantity/ 40'HC (pcs)
720W Gen 3	1	727	1670



Exported markets: USA, EU, South Korea, etc.



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Specifications are subject to change without prior notice