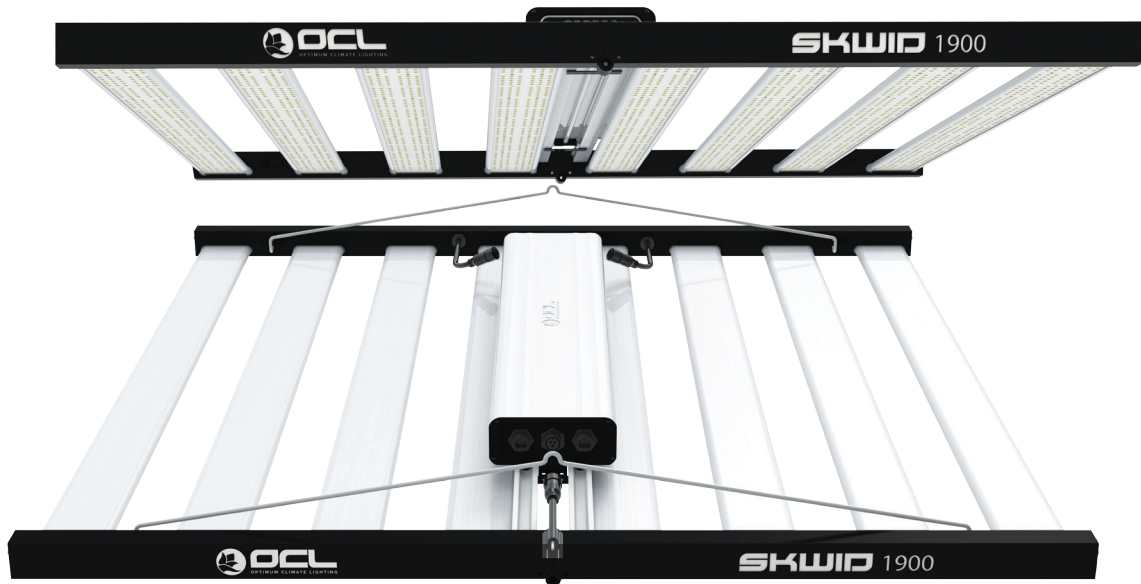




**OCL**  
OPTIMUM CLIMATE LIGHTING

## SKWID 1900 (100-277V) DATASHEET



### TECHNICAL SPECIFICATIONS - OCL SKWID 680W

(100-277V) LED

**Input Voltage:** 100-277 Volt AC

**Rated Power:** 680w  $\pm 5\%$

**Current Consumption:** 2.45A-6.8A at 680w

**LED Driver Brand:** Inventronic LED Driver

**Power factor:** 0,98

**LED:** Top Bin Diodes + Osram

**PPF Efficacy:** 3.04  $\mu\text{mol}/\text{J}$

**BTU:** 2178

**IP Rating:** IP66

**Product dimensions (LxWxH):** 120\*110\*10.5cm

**Package dimensions (LxWxH):** 120\*69\*20cm

**Gross Weight:** 20.3Kg

**Operating Temperature:** 0-40°C

**Control:** Manual Dimming System, Compatible with OCL Controller

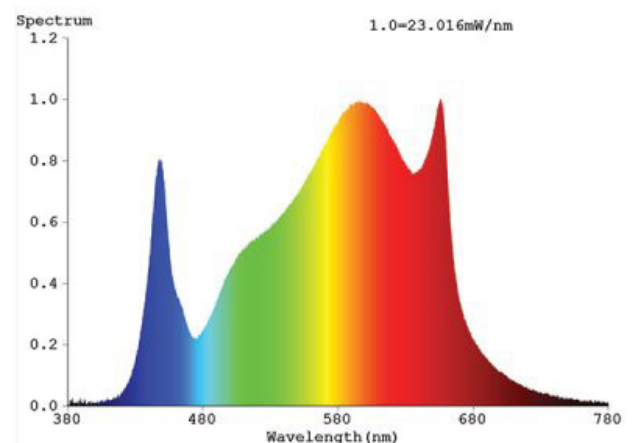
**External Dim:** Yes with OCL Controller

**External Dim Connector:** RJ45 Connector Build in 2x

**Housing Material:** Aluminum

**Lifetime:** 50,000H

**Warranty:** 5 Years



# BTU TEST RESULT

<b>EUT name:</b>	OCL LED FIXTURE	<b>Model:</b>	SKWID1900	<b>Condition:</b>	25.4°C, 2m <sup>3</sup>
<b>Test require:</b>	Test in 2m <sup>3</sup> of space test temperature from ambient temperature to the temperature difference between the highest temperatures.				
<b>Test data:</b>	Ambient: 25.973°C, max.: 56.547°C, Temperature gradient: 30.574K				
<b>Note:</b>	Need to according to the area corresponding to the number of lamps and lanterns control temperature to rise				
<b>Heat:</b>	2298223.12J/h = 2178 BTU				

**Remark:**  $Q=c \cdot m \cdot \Delta t$ .

Temperature to rise

