

LED STRIP GROW LIGHT

QLST120025 Series STRIP LIGHT with Red, Blue and White LEDs is designed for horticulture lighting. Flexible silicon sealed fixture with IP65 grade waterproof protection. It can be using on Vertical farming, Greenhouses, Gardening. It is an early-development stage top-lighting solution for commercial horticulture cultivation, or a full-cycle top-lighting solution.



Features:

- Body housing = Plastic Silicone sealed PCB
- DC 24V input voltage
- Life time = 25,000 hrs
- 140° degree viewing angle
- RoHS compliance and CE certification
- Easy installation to replace the traditional fluorescent light tube.
- IP 65 to protect luminaire
- All components of LED Light Tube are recyclable and environmental friendly

Specification

Specification	
Electrical Data	
AC Input Voltage	DC 24V
Rated Power	50W ± 7%
Light Data	
Luminous flux	>2500lm
LED lifespan	>30,000 hrs
Viewing angle	140°
Environmental Data	
Operating Temp	-25 to 40°C, <70%RH
Storage Temp	-40 to 50°C, <70%RH
Certificate	CE, RoHS
IP Grade	IP 65
Mechanical Data	
Product finish	Silicone
Light Fixture Material	Full Plastic
Dimension (LxWxH)	W1.6mm x L2000mm xT=0.45mm
Weight	Approx. 150 g

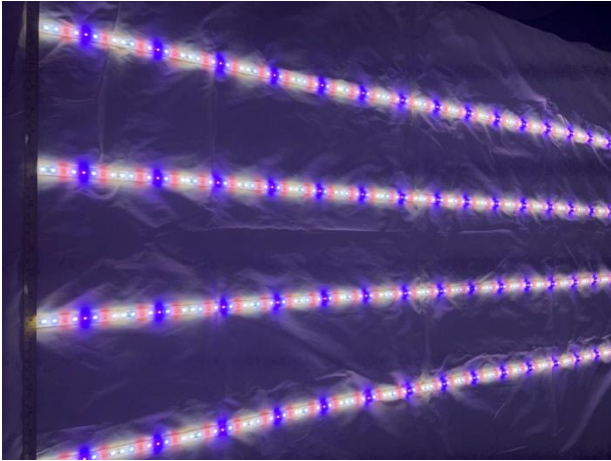


Spectrum Test Report:

Measurement Condition: 10cm space for each strip light

Distance at 25cm , 30cm

Test by model PG200N Spectrometer unit: $\mu\text{mol}/(\text{m}^2 \cdot \text{s})$



⇒ 4 strips 100W PPFD → 10cm space for each strip light

Strip Light (RBW) 25W (4pcs = 100W) space10cm										
Point Height	A	B	C	D	E	F	G	H	I	PPFD Average
250mm	123.6	150	137	144.6	194.6	142.8	120.2	166.2	126.7	145.1
300mm	101.7	127	112	107.8	168.3	118	101.7	130	112	119.8

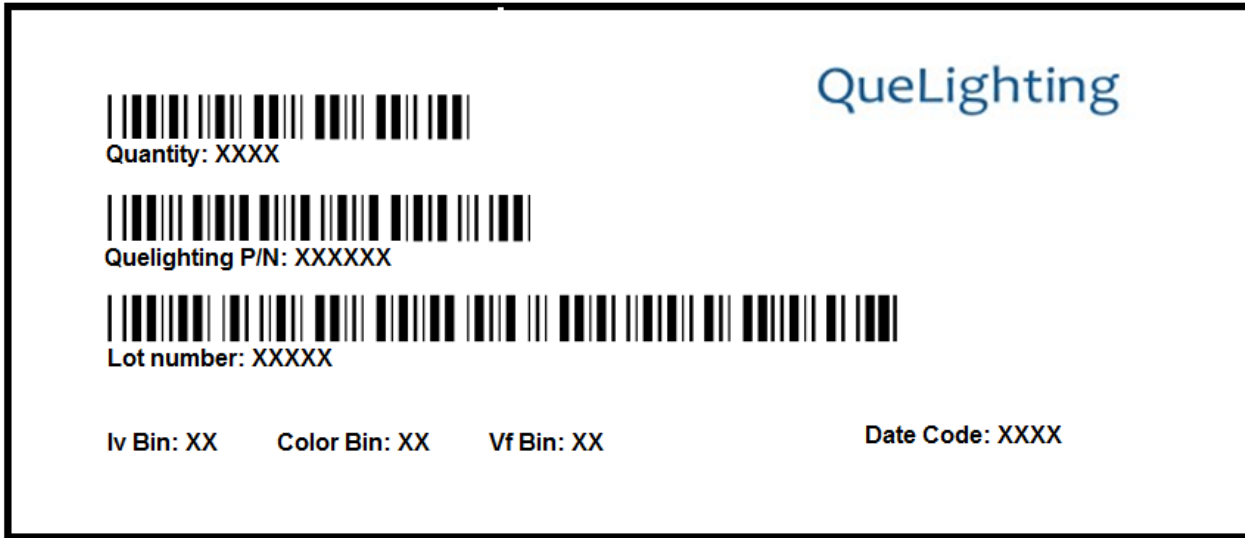
⇒ 4 strips 100W PPFD → 5cm space for each strip light

Strip Light (RBW) 25W (4pcs = 100W) 间距 5cm										
Point Distance	A	B	C	D	E	F	G	H	I	PPFD Average
200mm	284	212	165	181	232.2	200	179	191.9	150	199.5



Packing:
NA

Labeling:



Ordering Information:

Part No.	Multiple Quantities	Quantity per BOX
QROPE-RBW-50 V2.0		pcs

Revision History:

Revision Date:	Changes:	Version #:
5-15-2020	Initial release	1.0

