
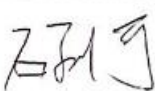




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# APPROVAL SHEET

Part No: **SL-TL4018W4B-D3A-D**

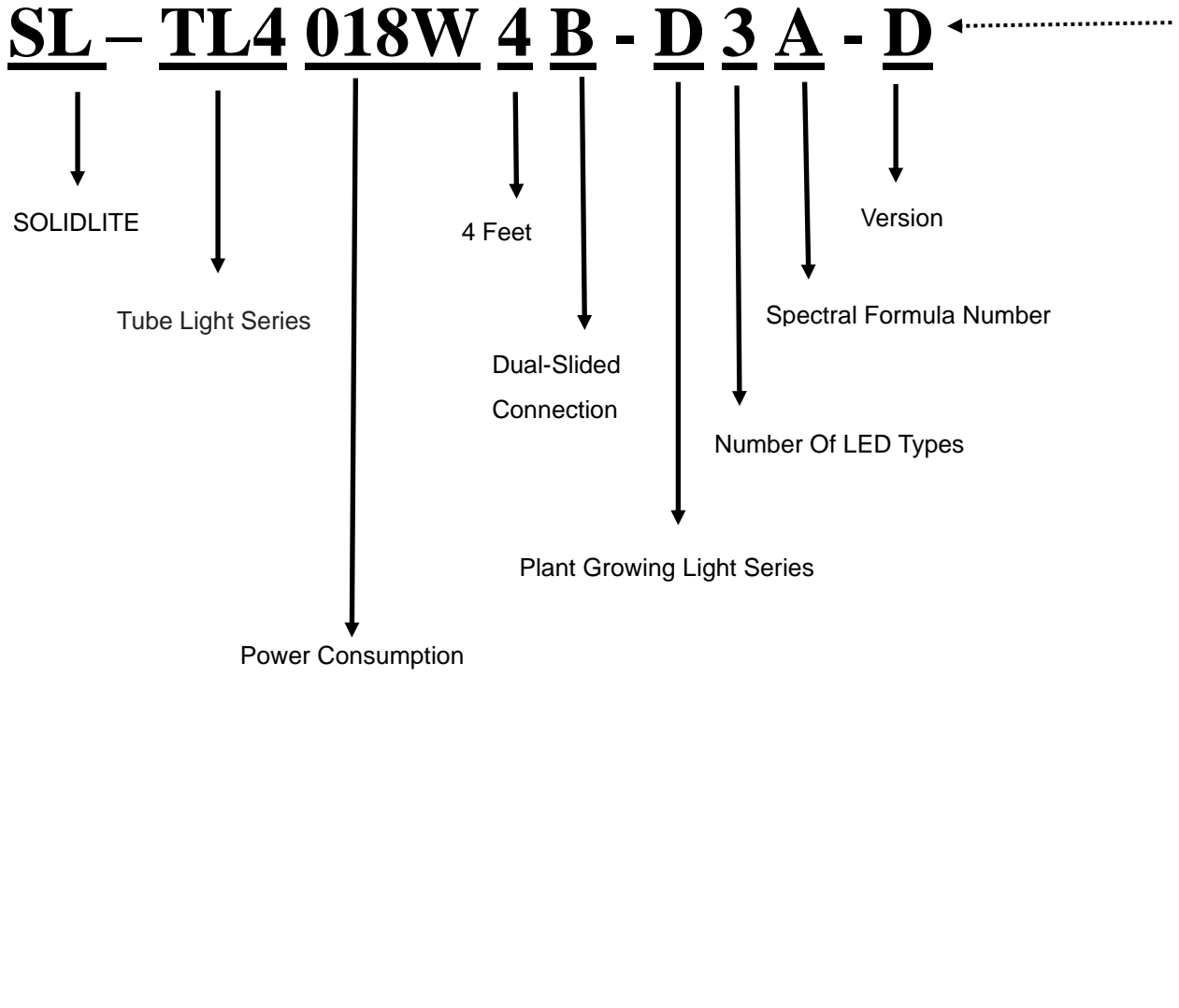
**NOTE :**  
**Plant Growth LED Lamp**

MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

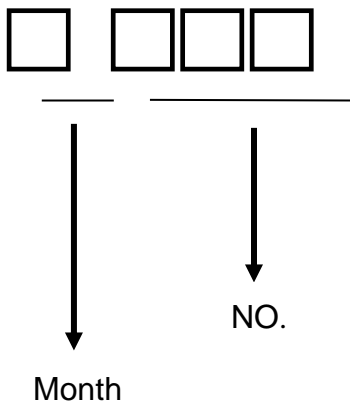
Prepared	Checked	Approved
Rachel Lee	Jacky Shih	Kenneth Wu


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**Description of P/N No.**



**Description of Lot.**



**Solidlite Corp.** 

P/N :

Lot :

Date:  . Rank:

Q'ty :  . QA :

## 1、Product Info：

[Product Name]：Waterproof Plant Tube Light

[Product Number]：SL-TL4018W4B-D3A-D

[Types]：110V/220V 50/60Hz 18.5W±10%

[Viewing Angle]：90°

[Product Photo]：See Below

[Product Size]：25.4 mm±1\*1265mm±10mm

[Net Weight]：250g±10

[Ingress Protection Rating]：IP67

[Life Expectancy of Driver]：3-year warranty

[Life Expectancy of LEDs]：3-year warranty

## 2、Choice attachment：

### 2.1：Power Cable

[Number of Cores]：2-Core Cable

[Product Size]：L:2475 mm±50

[Wire Diameter]：Ø0.75 mm<sup>2</sup>±0.1

[AC Power Plug]：Two Feet Flat Plug

[Connector]：Male Connector

[Number of Connections]：Max 10 Lights Tube

### 2.2：End Protector

[Product Size]：L:16 mm±1 Ø12 mm±1

[material]：PVC



### 3、Product Spec.：

Product No.	SL-TL4018W4B-D3A-D
Input Voltage	85~265VAC
Power Consumption	18.5W
Power Factor	0.9
Operation Temperature	-20℃ ~ 40℃
Beam Angle	90 Degree
IP Level	IP 67
Lamp bead	Warm White

### Radiometry Photometry Measurements Analysis

Luminous Flux	2810 lm
Luminous Efficiency	175 lm/W

### Photosynthetic Photon Flux Efficiency (Estimated Value)

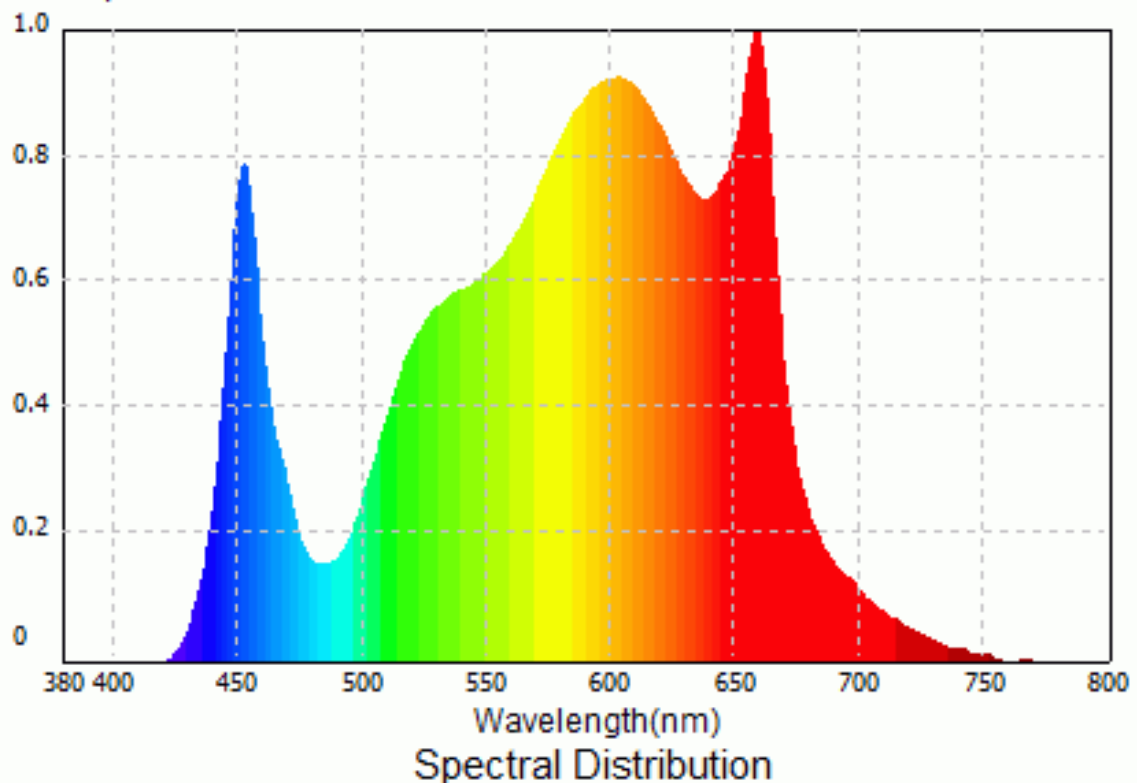
Wavelength Range	PPF Efficiency (μmol/J) (Typ.)
400~700nm	2.6

\* These values measured by Optical Spectrum Analyzer of SOLIDLITE

\* The tolerance of luminance is ±10%.

\* Data measurement uses rated voltage 220V

Relative Spectral



### Photosynthetic Photon Flux Density

Distance	PPFD ( $\mu\text{mole}/\text{m}^2\cdot\text{s}$ )(Typ.)	Distance	PPFD ( $\mu\text{mole}/\text{m}^2\cdot\text{s}$ )(Typ.)
5cm	413	25cm	107
10cm	235	30cm	89
15cm	166	35cm	78
20cm	129	40cm	70

