
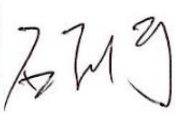




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APPROVAL SHEET

Part No: **CAF-AGA018W4B-D2A-D**

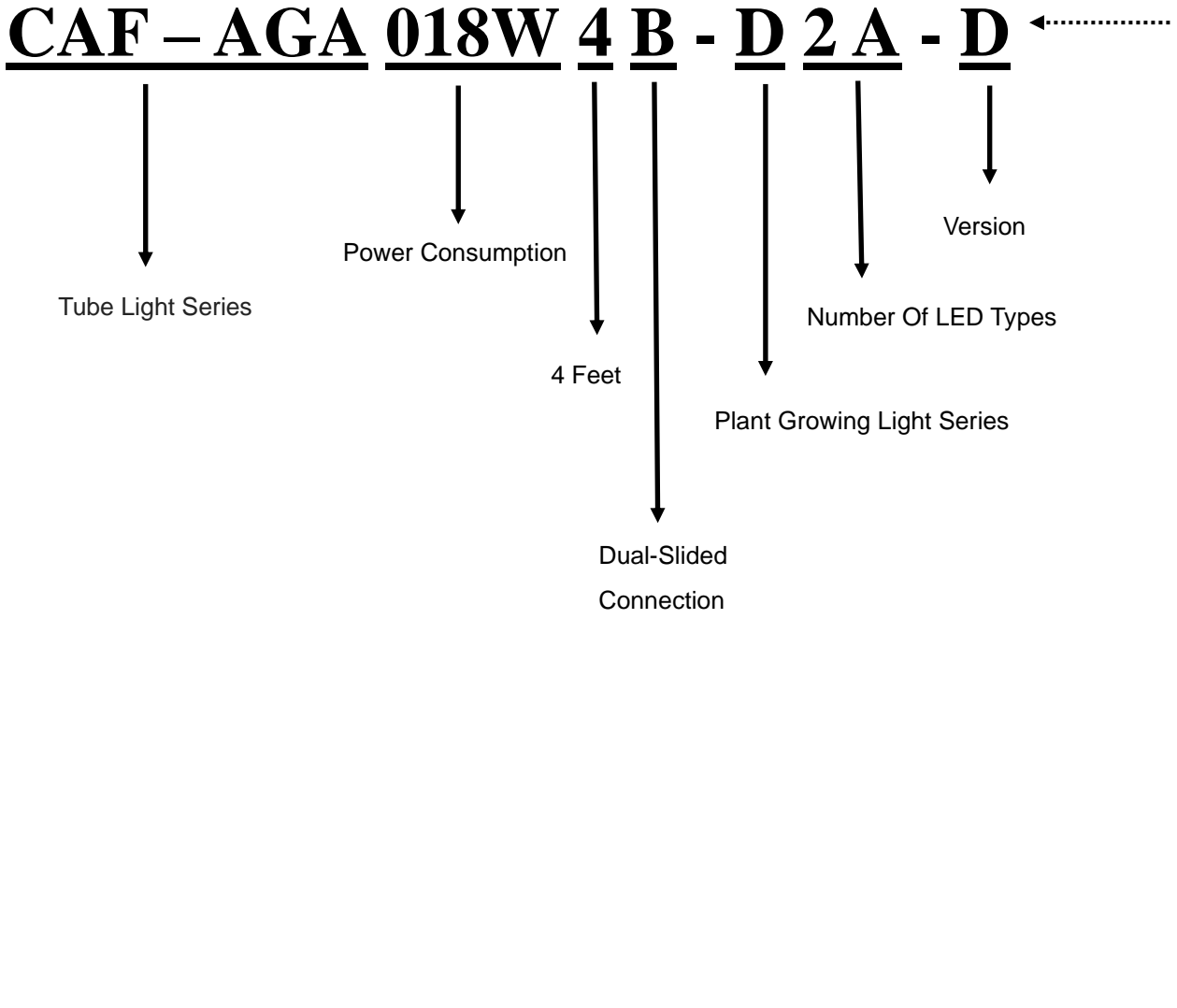
NOTE :
Plant Growth LED Lamp

MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

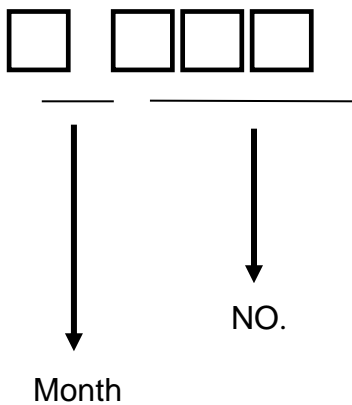
Prepared	Checked	Approved
Rachel Lee	Jacky Shih	Kenneth Wu


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Description of P/N No.



Description of Lot.



Solidlite Corp. 

P/N : _____

Lot : _____

Date: _____, Rank: _____

Q'ty : _____, QA : _____

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1、Product Info：

[Product Name]：Waterproof Plant Tube Light
[Product Number]：CAF-AGA018W4B-D2A-D
[Types]：110V/220V 50/60Hz 18.5W±10%
[Viewing Angle]：90°
[Product Photo]：See Below
[Product Size]：25.4 mm±1*1265mm±10mm
[Connector Plus Line Length]：240 mm±10
[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]：18AWG (Ø0.83 mm²±0.1)
[AC Power Plug]：US Plug Type A (Two Feet Flat Plug)
[Connector]：Female Connector
[Number of Connections]：Max 10 Lights Tube

2.2：End Protector

[Product Size]：L:20 mm±1 Ø14 mm±1
[material]：PVC



Connector Plus Line Length



End Protector



AC Power Plug



3、Product Spec.：

Product No.	CAF-AGA018W4B-D2A-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	Neutral White + Red

Radiometry Photometry Measurements Analysis

Luminous Flux	2810 lm
Luminous Efficiency	175 lm/W

Photosynthetic Photon Flux Efficiency (Estimated Value)

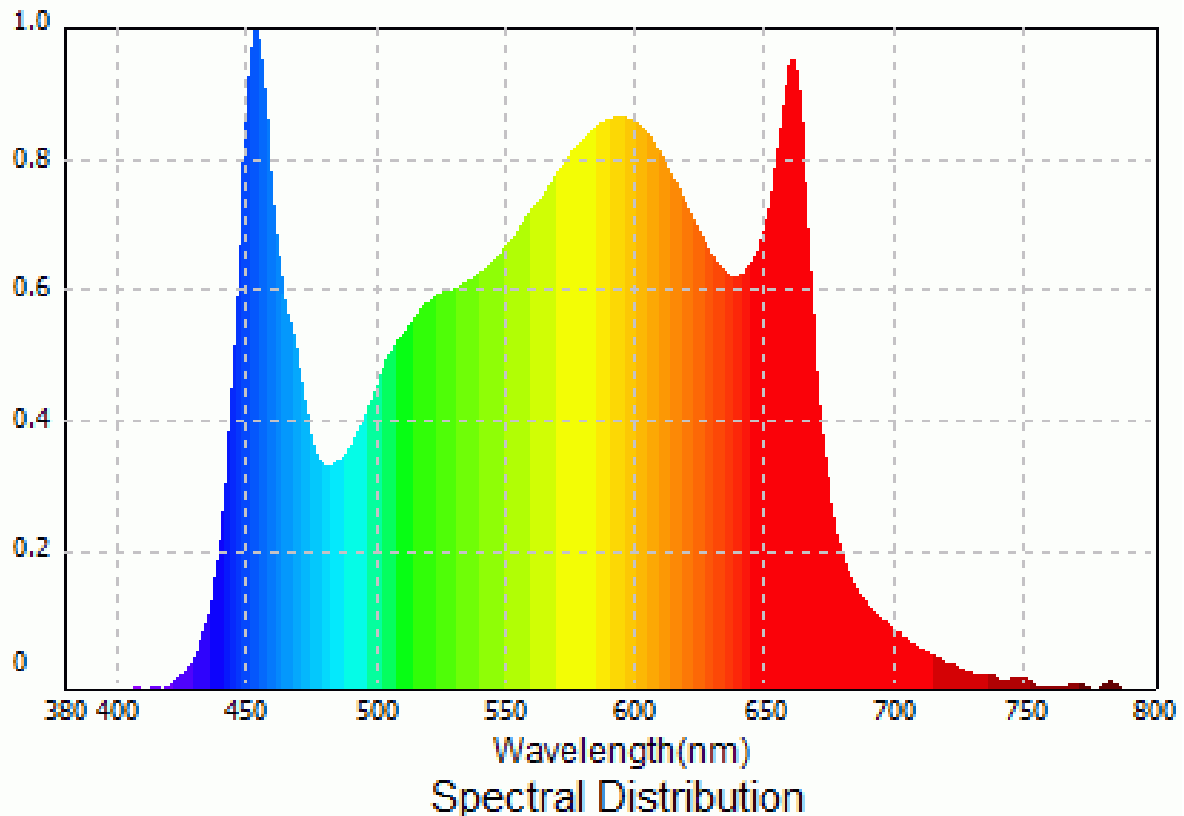
Wavelength Range	PPF Efficiency (μmol/J) (Typ.)
400~700nm	2.6

* 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

