

APPROVAL SHEET

Part No: **CAF-AGA018W4B-DSB-A**

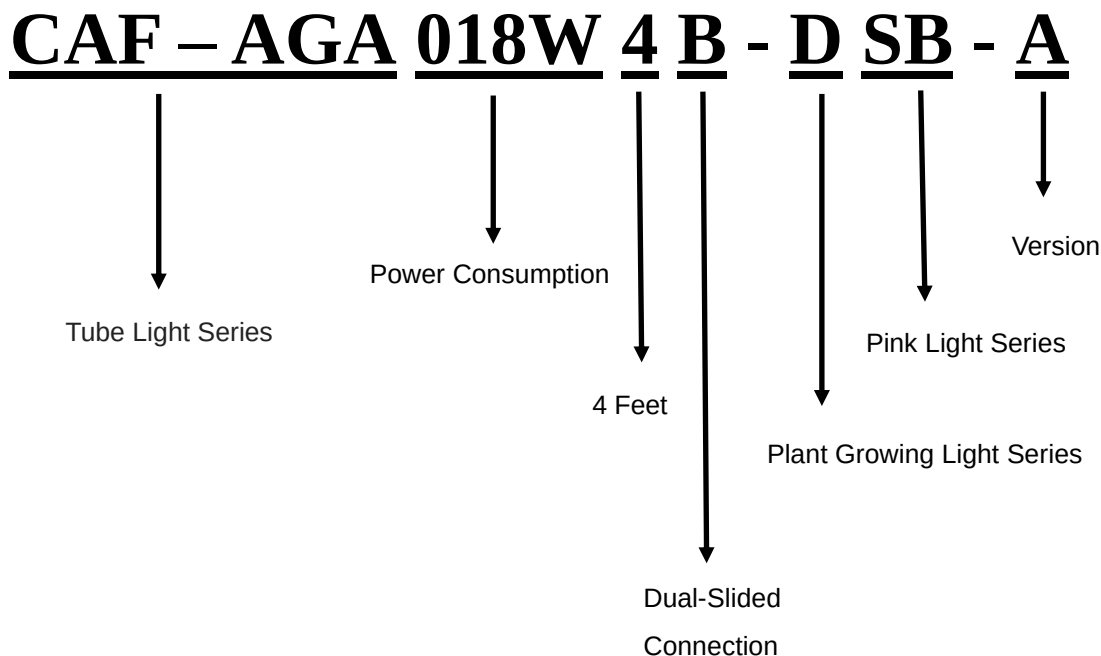
NOTE :

Plant Growth LED Lamp

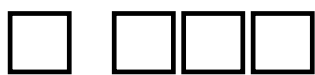
MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Jacky Shih	Kenneth Wu

Description of P/N No.



Description of Lot.



Month

NO.

Solidlite Corp.



P/N : _____

Lot : _____

Date: _____, Rank: _____

Q'ty : _____, QA : _____

1、Product Info：

[Product Name]：Waterproof Plant Tube Light
 [Product Number]：CAF-AGA018W4B-DSB-A
 [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-DSB-A
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	Pinkish White

Radiometry Photometry Measurements Analysis

Luminous Flux	2574 lm
Luminous Efficiency	143 lm/W

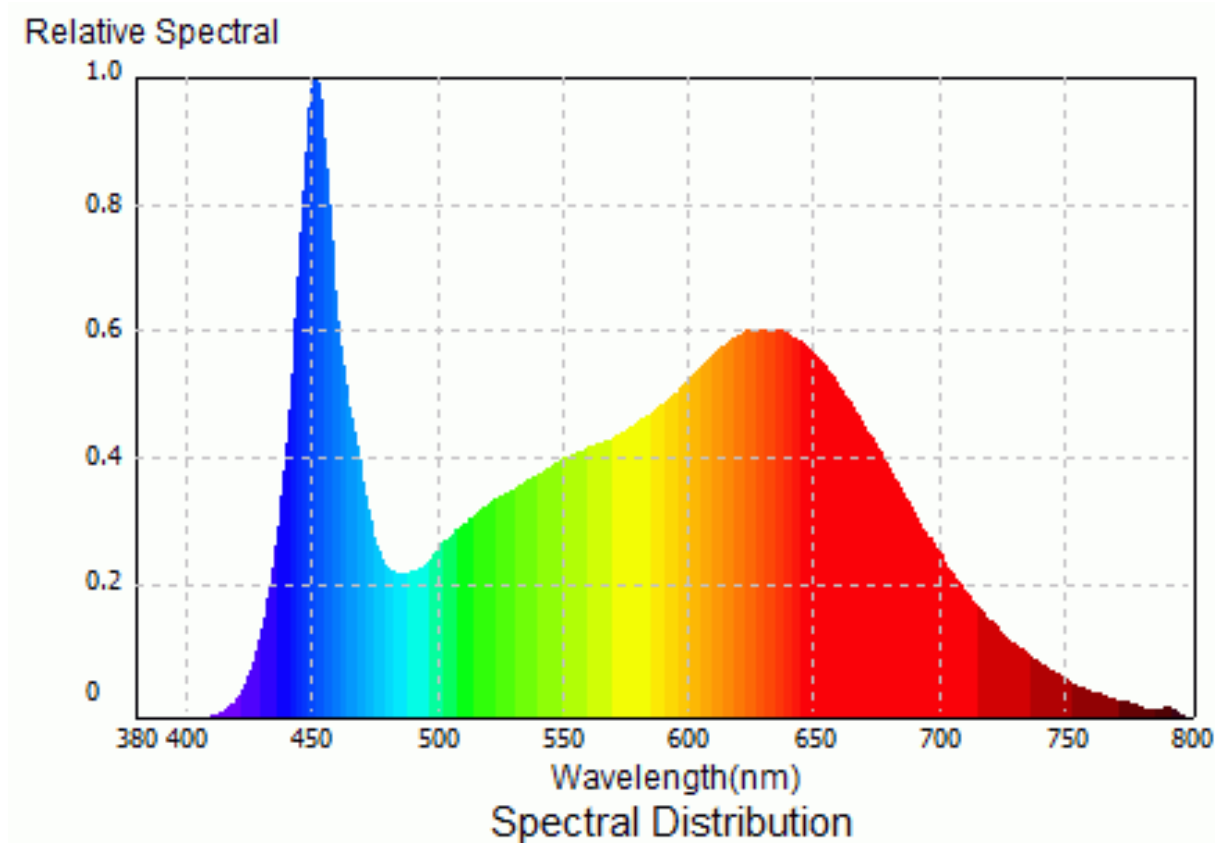
Photosynthetic Photon Flux Efficiency (Estimated Value)

Wavelength Range	PPF Efficiency (μmol/J) (Typ.)
400~700nm	2.3

* These values measured by Optical Spectrum Analyzer of SOLIDLITE

* The tolerance of luminance is ±10%.

* Data measurement uses rated voltage 220V



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	264	25cm	92
10cm	176	30cm	80
15cm	141	35cm	71
20cm	118	40cm	62

