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APPROVAL SHEET

Part No: **EL-U03-LT104F-DSB**

NOTE :
WIDE-BAND

MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu

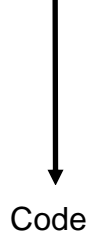
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Description of P/N No.

EL - U03-LT10 4F - DSB



Generation of labor model



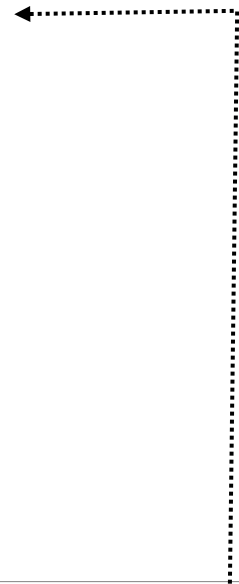
Code



4 Feet



White Series




Description of Lot.



Month



NO.

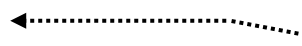
Solidlite Corp. 

P/N : _____

Lot : _____

Date: _____ . Rank: _____

Q'ty : _____ . QA : _____



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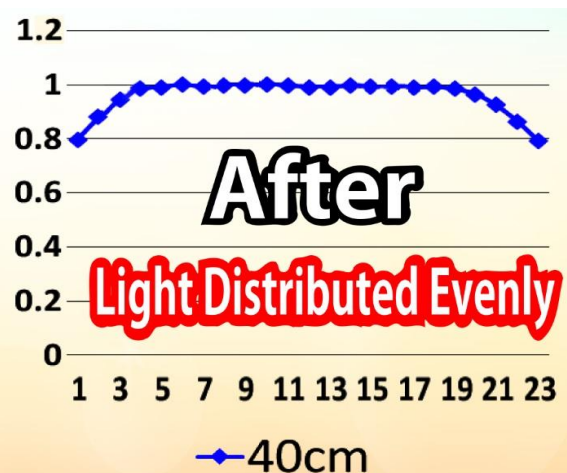
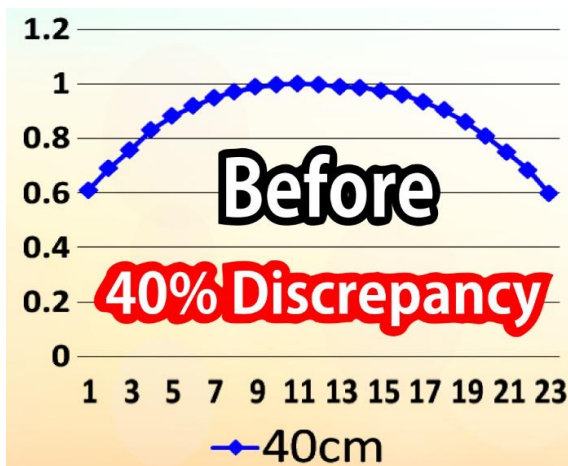
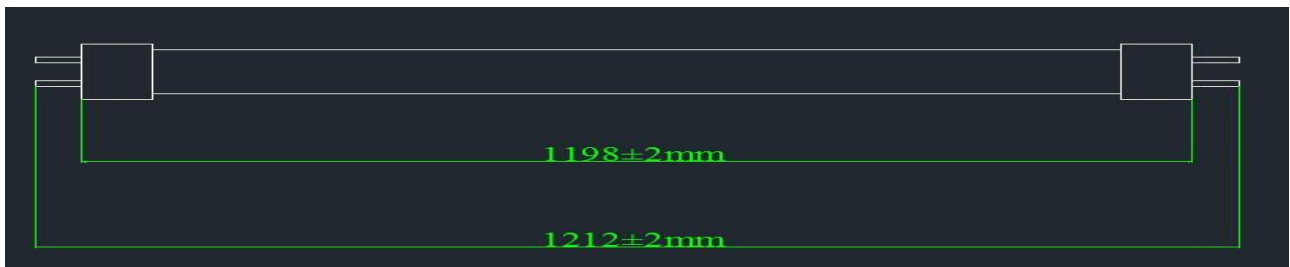
Specification for Approval

Product : LED TUBE

Part Number : EL-U03-LT104F-DSB



Product size



Traditional LED Tube Light Distribution

Uniform Light Distribution LED Tube

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Applications

Area: Indoor use only

Purpose:

Plant Growing Lighting , Office Lighting , Meeting Room Lighting , Shop Lighting ,
Classroom Lighting , Factory Lighting ,

Product Overview

- ※ Aluminum heat-sink base can dissipate more heat and lead to a longer life span.
- ※ This unit is ready for "Green Product" and meet "Pb-free lead plating" & "RoHS Compliant" requirement.

Specification ※For Plant Factory use only.

Outline Dimension: (L) 1198 (±2mm)mm

Input Voltage / Frequency : AC90~264V 50/60Hz

Operating Temperature / Relative Humidity: 0°C ~ 35°C / 20% ~ 80 %RH
(Warranty Conditions)

Storage Temp Range / Relative Humidity: -20°C ~ 60°C / 20% ~ 80 %RH

Heat-Sink Surface Temp: <60 °C

IP (Ingress Protection): No

Life Expectancy of Driver : 40000hrs

Life Expectancy of LEDs :40000hrs

Safety warning

Cautions:

Don't drop the luminaire on the ground since the luminaire will be damaged

Warnings:

Don't expose this product at the high temperature and high humidity environment

Warranty

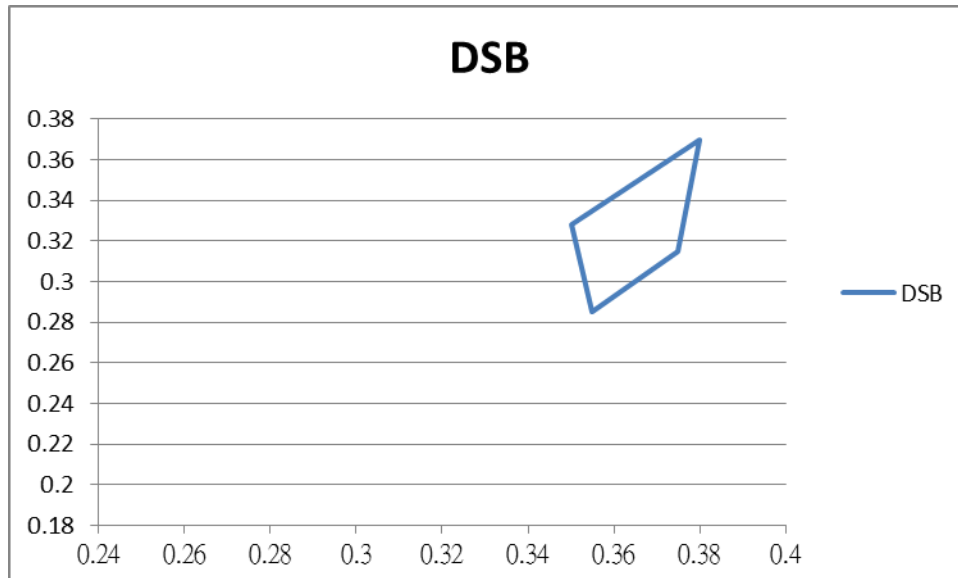
Warranty 1years.

Should not have an adverse early.

Within one years, must be greater than the original brightness light efficiency of 70%.

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Chromaticity Coordinate



CIE X./Y :

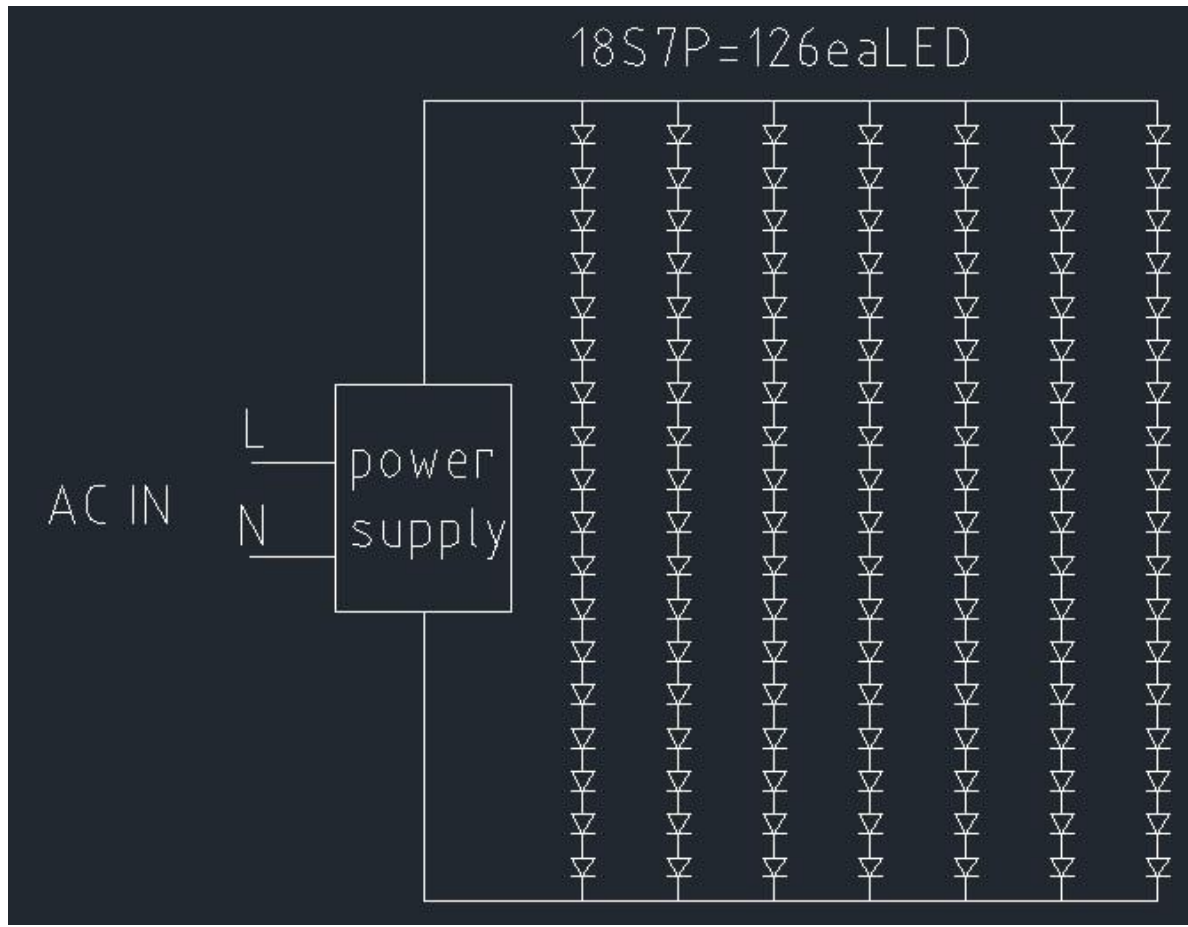
B1 --- (0.350, 0.328) (0.380, 0.370) (0.375, 0.315) (0.355, 0.285)

Electronic & Exterior Charateristic

Absolute Maximum Ratings at T_a=25°C

Item	EL-U03-LT104F-DSB
LED Quantity	126pcs
AC V input	90(min)~264V(MAX)
LineFrequency Range	50Hz/60Hz
AC I input	1A(MAX)
Power Factor	0.9(min)
Efficiency	85%
Inrush Current	30A (MAX)
LEDBOARD If(T)	0.36A(Typ.) 0.345(min)~0.375 A(MAX)
Power Dissipation	23W±10% (20.7W~25.3W)
Heat-Sink Spec.	Aluminum
Mask Spec.	PC
PCB Spec.	FR4
Tube Length	1198 (±2mm)mm
Body diameter	32±1mm
Net weight	370g±50g
PROTECTION REQUIREMENTS	Short Circuit Protection (Shut down and Automatically recovery)
GENERAL REQUIREMENTS	Turn-On Delay 2sec@115VAC to 230VAC

Typical Internal Equivalent Circuits



Label Format

Size:20*50mm

LED tube		YYWW
ITEM	EL-U03-LT104-DSB	
INPUT POWER	AC90-264V	
COLOR	DSB	
MADE IN TAIWAN		



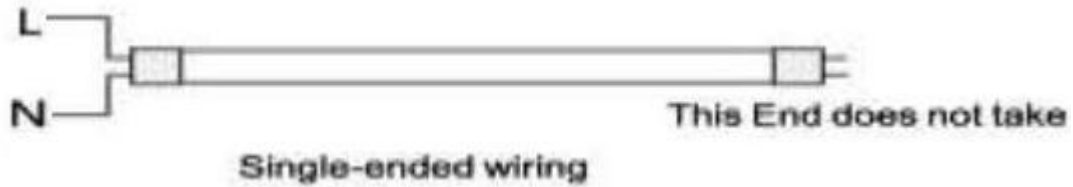
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Optical Characteristic

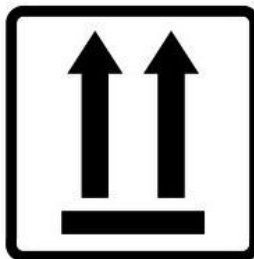
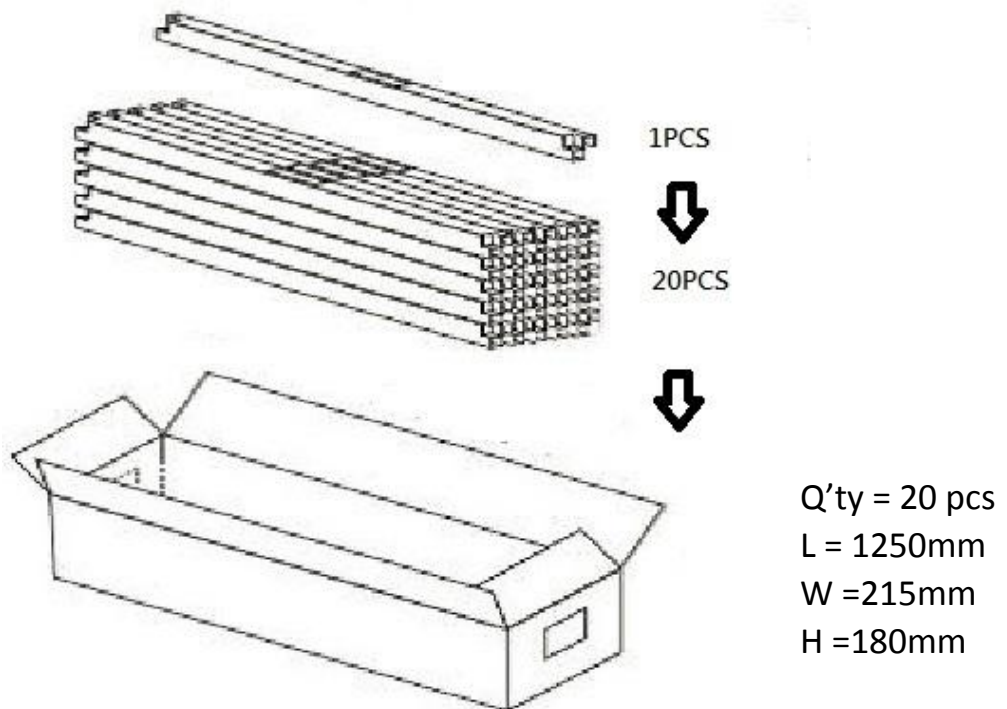
Item	EL-U03-LT104F-DSB
Quantum (The center of the amount of survey)	50~70 $\mu\text{mol m}^{-2}\text{s}^{-1}$ @30cm reference value with Delta HD2102.2
COLOR	DSB

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Installation instructions



Package information



This product is prohibited material immersed in liquid.

- According to our design, the device is driven by 100~240V of AC power.
- The fluorescent is designed for moisture-proof use only. Don't put it into water.
- It is normal that the device will delay starting 2 seconds due to carrier charging after the turning on.