



# Technical Application Guide for TRULUX LED Double Head Wall Lamp TRULW01 26W-S

# Product Information

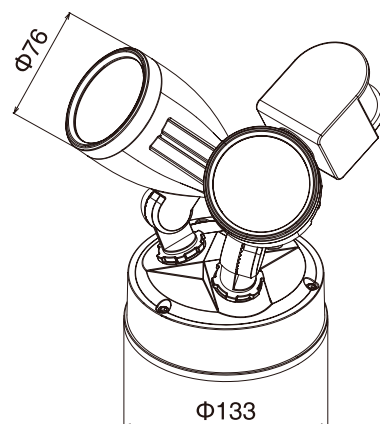
## SPECIFICATIONS:

Detection beam angle: 180°.

Detection range: Max. 10 metres at 24 scan.

Duration Time adjustment: 5 seconds to 6 minutes.

Detection circuitry: Passive Infra Red(PIR).



## Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
TRULW01-26W-S	AC100-240V	26W	≥0.9	2080	90°	3000K	40000h	≥80	No	Ø76*Ø133mm
TRULW01-26W-S	AC100-240V	26W	≥0.9	2190	90°	4000K	40000h	≥80	No	Ø76*Ø133mm
TRULW01-26W-S	AC100-240V	26W	≥0.9	2210	90°	5000K	40000h	≥80	No	Ø76*Ø133mm
TRULW01-26W-S	AC100-240V	26W	≥0.9	2240	90°	5700K	40000h	≥80	No	Ø76*Ø133mm

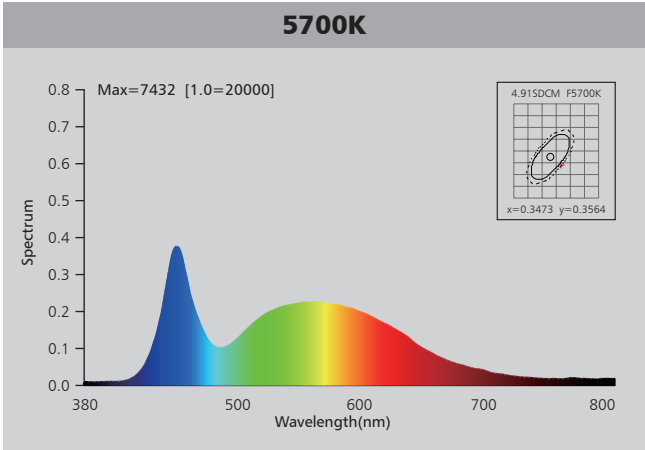
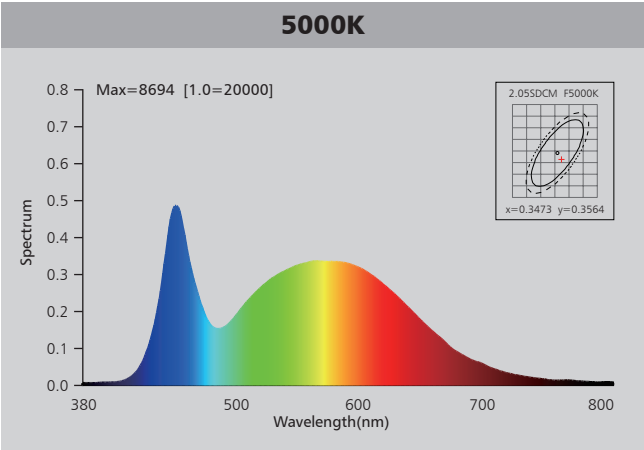
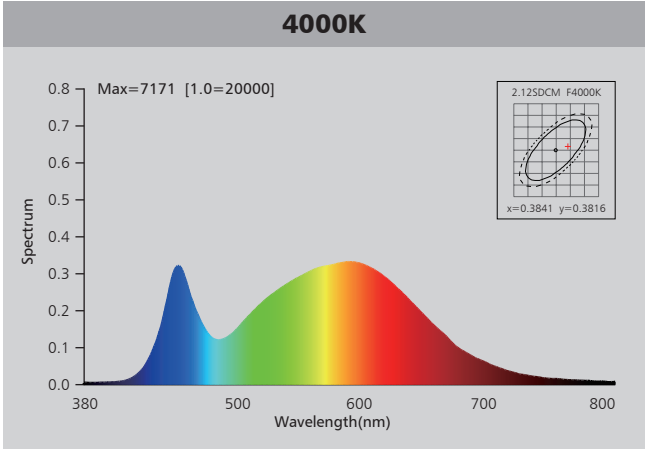
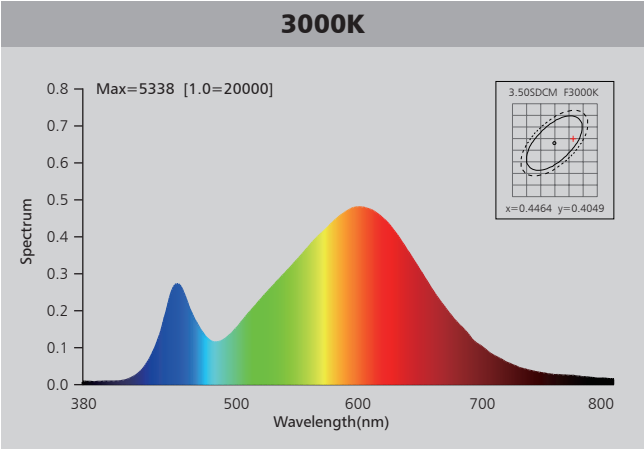
## Driver data Sheet

Driver data	Non-dim
Input rated Voltage	AC100-240V
Frequency	50/60Hz
Input Voltage	AC85-265V
Efficiency	≥86%
Total load Wattage	26W±1W
Power Factor	≥0.9
Rated input current	≤0.35A
Full load output Voltage	DC28-38V
Rated output current	600mA
Output current range	600mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
Withstand voltage	AC1500 V

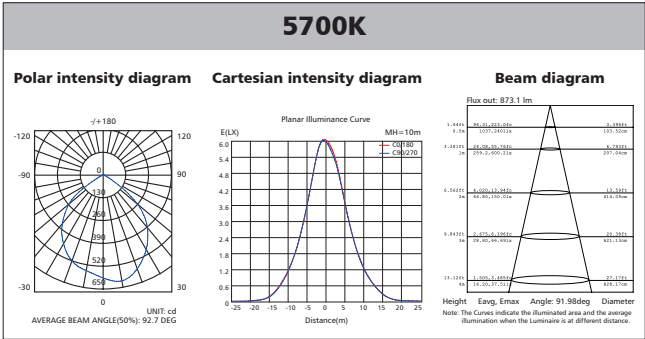
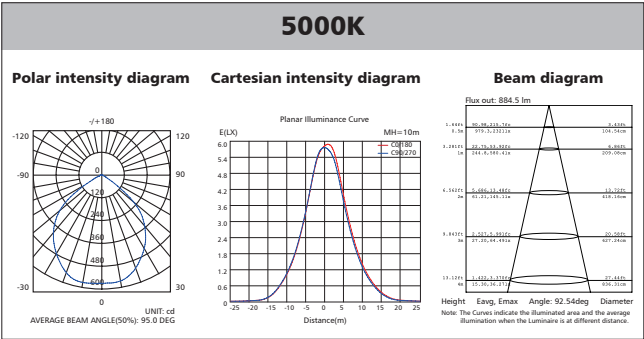
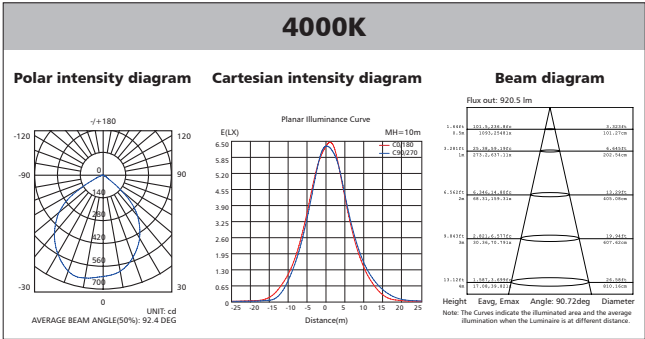
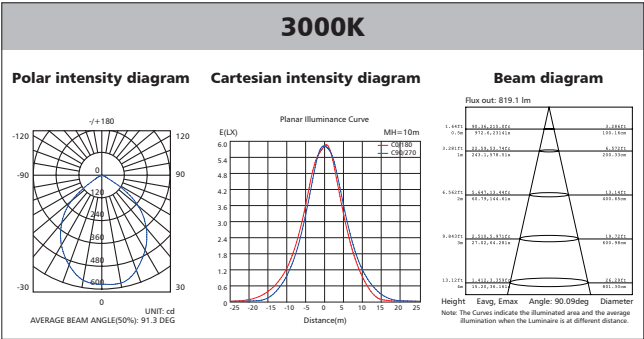
## Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
26W		IP65	-20°C~45 °C	0~90%	-20°C~65 °C

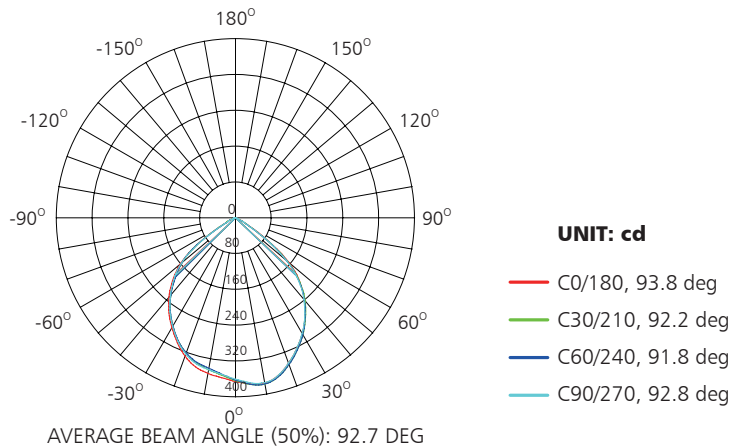
# Spectral Distribution



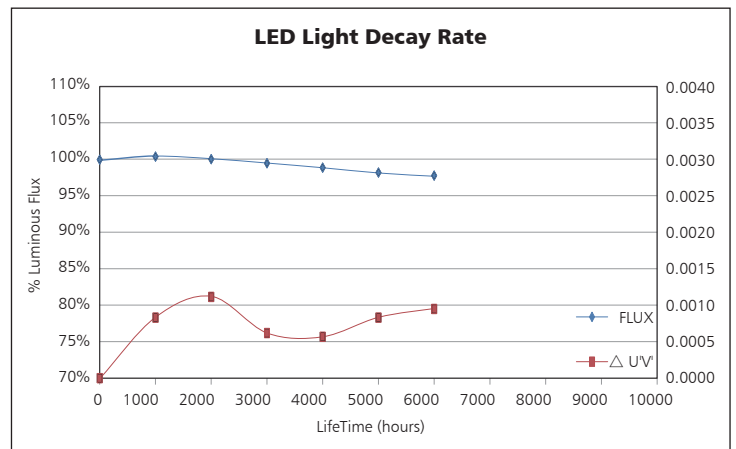
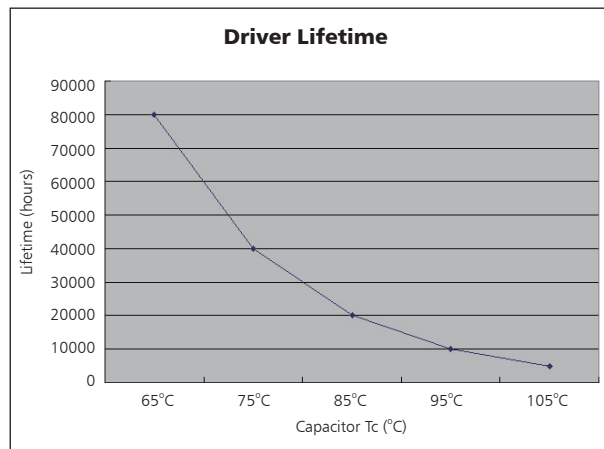
# Photometric Diagram



## Polar Diagram Comparison

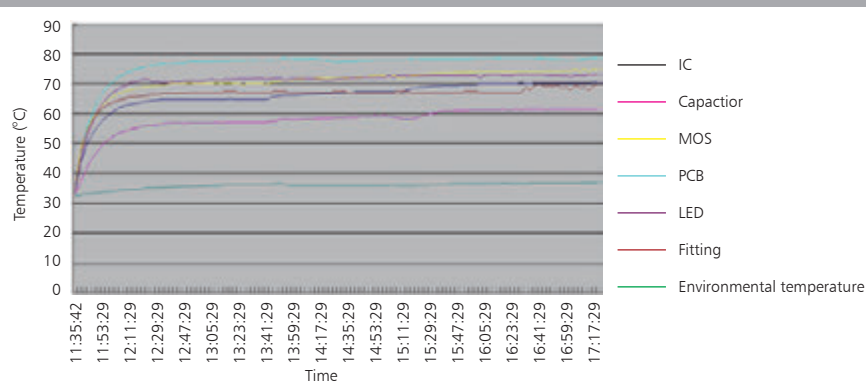


## Driver lifetime & LED light decay rate



## Temperature

- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C.
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



The driver lifespan is based on capacitor working temperature.

# Understanding the controls

## ADJUSTING THE DURATION TIME:

The length of time that remains switched on after activation can be adjusted from 5 seconds to 6 minutes. Rotating the TIME knob clockwise will reduce the duration time.

Note: Once the light has been triggered by the PIR sensor any subsequent detection will start the timed period again from the beginning.

## ADJUSTING THE LUX CONTROL LEVEL:

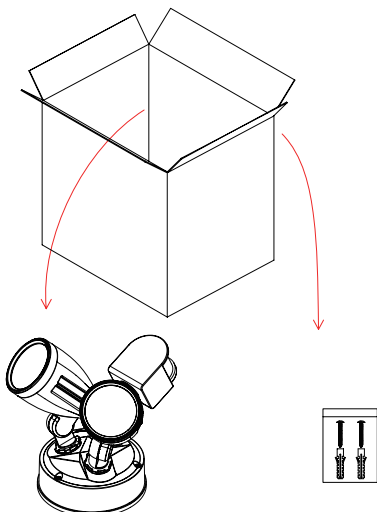
The Lux control module has a built-in sensing device (photocell) that detects daylight and darkness. Rotating the LUX knob clockwise is from light (☀) to dark (☾). The (☀) position denotes that the floodlights will work at day and night, and the (☾) position will only work at night. You can set the unit to operate at the desired level by adjusting the LUX knob.



## Installation

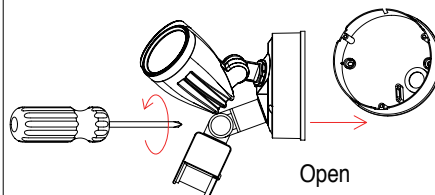
### Step1

Take out wall lamp and accessory pack from box.



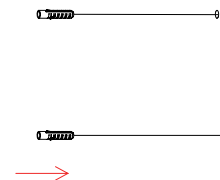
### Step2

Unscrew bottom seat and take it apart from lamp body.



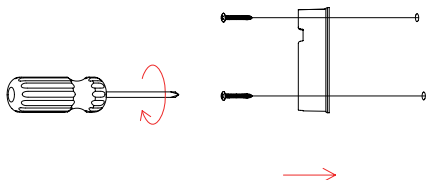
### Step3

Knock-in the plastic anchor into ceiling according to hole site of bottom seat.

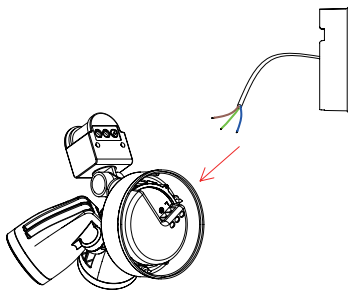


**Step4**

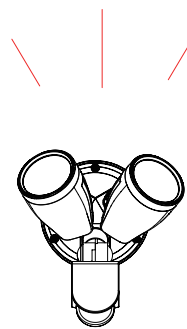
Fix bottom seat with screw into ceiling.

**Step5**

Wiring "L""N" "G" to terminal block and fasten the cord grips to protect wire from dislocation.



 L = BROWN  
 N = BLUE  
 = YELLOW-GREEN

**Step6**

Fasten wall lamp back to bottom base, then restore power and switch on for correct operation.

## Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	74*56*23	1.15	15.8	12

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	290	3480	28
40" standard container	580	6960	56

