GREEN TUBE

PQ-TUG-2/3/4/5/6

POWERQ
ENERGY in a NEW LIGHT
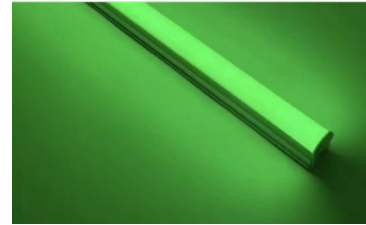
- Special PC cover raw materials.
- Dedicated 515-525nm LED.
- LM79/80 San'an or Epistar SMD2835.
- Ruby capacitor, PF>0.95, over temperature, over current and overload protection power supply.
- Blue/Green/Silver cap available.
- Clear cover or frosted cover.
- Long lifespan up to 50,000 hours.

Warranty **5** YEARS

Lifespan **50 000** HRS

GREEN TUBE					
Models	Color Temperature (CCT)	Power	Input Voltage	Base	Dimensions
TUG2		008W			2ft
TUG3		012W			3ft
TUG4	GRE = Green	018W	120V	TB = Type B only	4ft
TUG5		028W			5ft
TUG6		035W			6ft

Catalog Number for Example: PQ-TUG4-GRE-018W-120V-TB

CERTIFICATIONS

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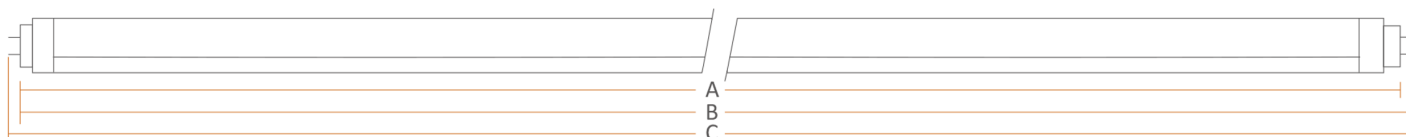LISTED
Intertek

GREEN TUBE

PQ-TUG

POWERQ
ENERGY in a NEW LIGHT

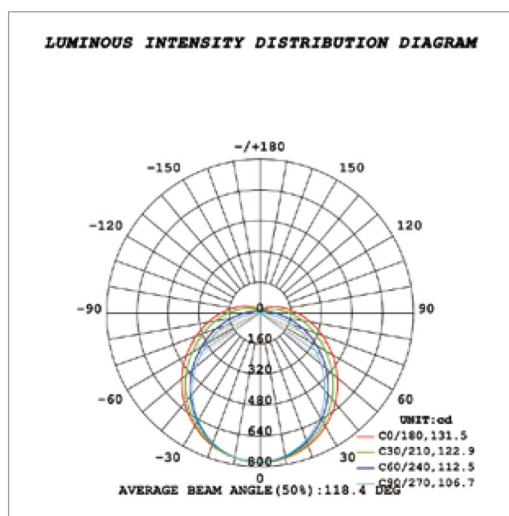| SPECIFICATIONS					
Models	TUG2	TUG3	TUG4	TUG5	TUG6
Base	Type B only				
Power (W)	8W	12W	18W	28W	35W
Input Voltage (V)	120VAC				
CCT	Green				
LED / nm	515-525nm				
Lumens Efficiency (lm/w)	50-70lm/W				
Luminous Flux	480lm	720lm	1080lm	1680lm	2100lm
LED Type	LM80 SMD/0.2W				
LED Qty	72PCS	96PCS	144PCS	192PCS	240PCS
Beam Angle	120°				
Frequency	50/60Hz				
Power Factor	>0.95				
Power Efficiency	90%				
Flicker Free	Flicker (Standard) Flicker Free (Optional)				
Dimming	Can be customized				
Sensor / Emergency	Can be customized				
Driver Brand	WISCOON				
LED Brand	Sanan /Wafer				
Materials	Aluminium + 580nm PC diffuser				
Lifespan	50,000 hours				
Standards	cETLus				
Warranty	5 years				
IP Grade	IP20				
Storage Temperature	-30 to 60 °C (-22 to 140 °F)				
Working Temperature	-20 to 40 °C (-4 to 104 °F)				
Operating Humidity	10%<Rh<80%				
Dimensions	L603*H26mm	L908*H26mm	L1213*H26mm	L1513*H26mm	L1778*H26mm

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DIMENSIONS (IN MM)

A
B
C

Models	Power	Dimensions	A Max (mm)	B Max (mm)	C Max (mm)	Diameter Max (mm)
TUG2	8W	2ft	589	596	603	26
TUG3	12W	3ft	894	901	908	26
TUG4	18W	4ft	1199	1206	1213	26
TUG5	28W	5ft	1499	1506	1513	26
TUG6	35W	6ft	1764	1771	1778	26

PHOTOMETRY

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150   150
-120   120
-90   90
-60   60
-30   30
0

160
320
480
640
800

UNIT:cd
C0/180,131.5
C30/210,122.9
C60/240,112.5
C90/270,106.7

AVERAGE BEAM ANGLE(50%):118.4 DEG

APPLICATIONS

- Indoor use only, For Farm, Landscape, Advertising, light box, etc.

GREEN TUBE

PQ-TUG

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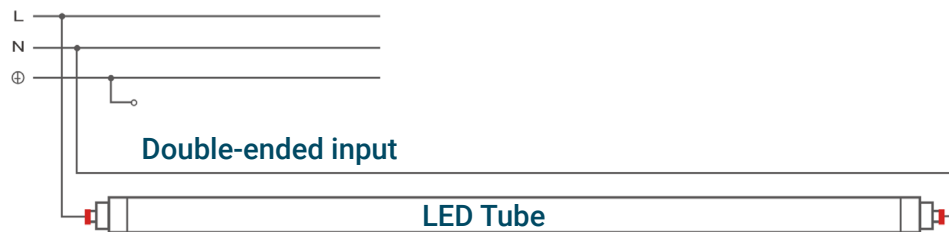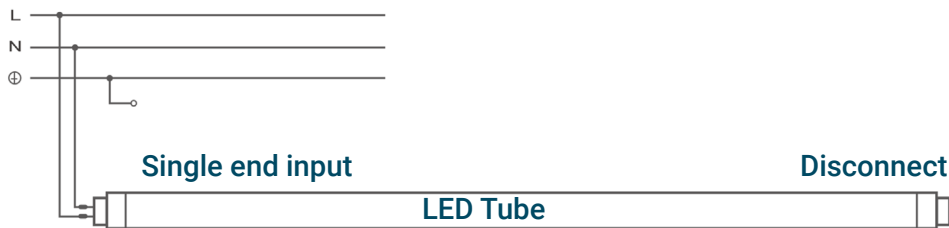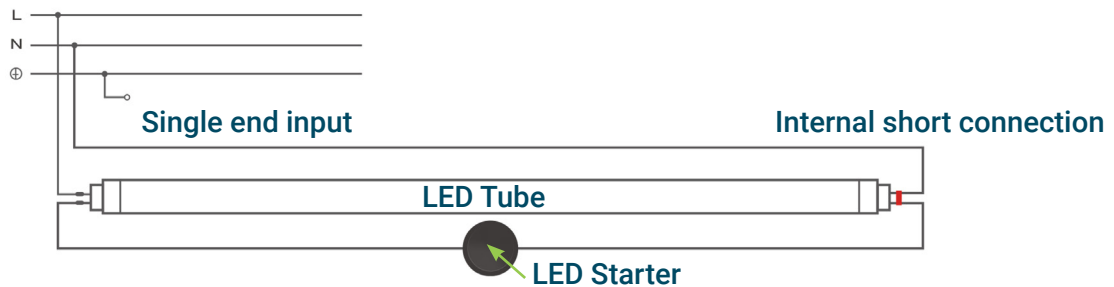
INSTALLATION: CONNECTION MODE

- Switch off the power before installation, and insert the PINs into the fixture, For single end input way, check the "AC in" sticker to install in right end.
- If the old fixture is electric ballast, Remove the ballast and starter.
- If the old fixture is inductance ballast, Remove the starter, the ballast can be kept or removed. But as suggestion, it is better to remove the ballast because the ballast will waste power if not removed.

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Single end input   **Internal short connection**

LED Tube

LED Starter

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Single end input   **Disconnect**

LED Tube

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Double-ended input

LED Tube

To be installed only by professionally trained staff

Safety Note: Non-professionals DO NOT operate this lamp fixture!

(1) Before using the light, please check the integrity of the package and the product. If the light was damaged during transportation, please do not use it.
(2) Please do not hit or press it with heavy substance.
(3) Please handle and transport gently.
(4) Before cleaning the light, please make sure the power supply has been turn off.
(5) Never use any chemicals or abrasives for cleaning.
(6) Please do not touch and twist the lamp when power is on.
(7) Light warm is normal when power is on.