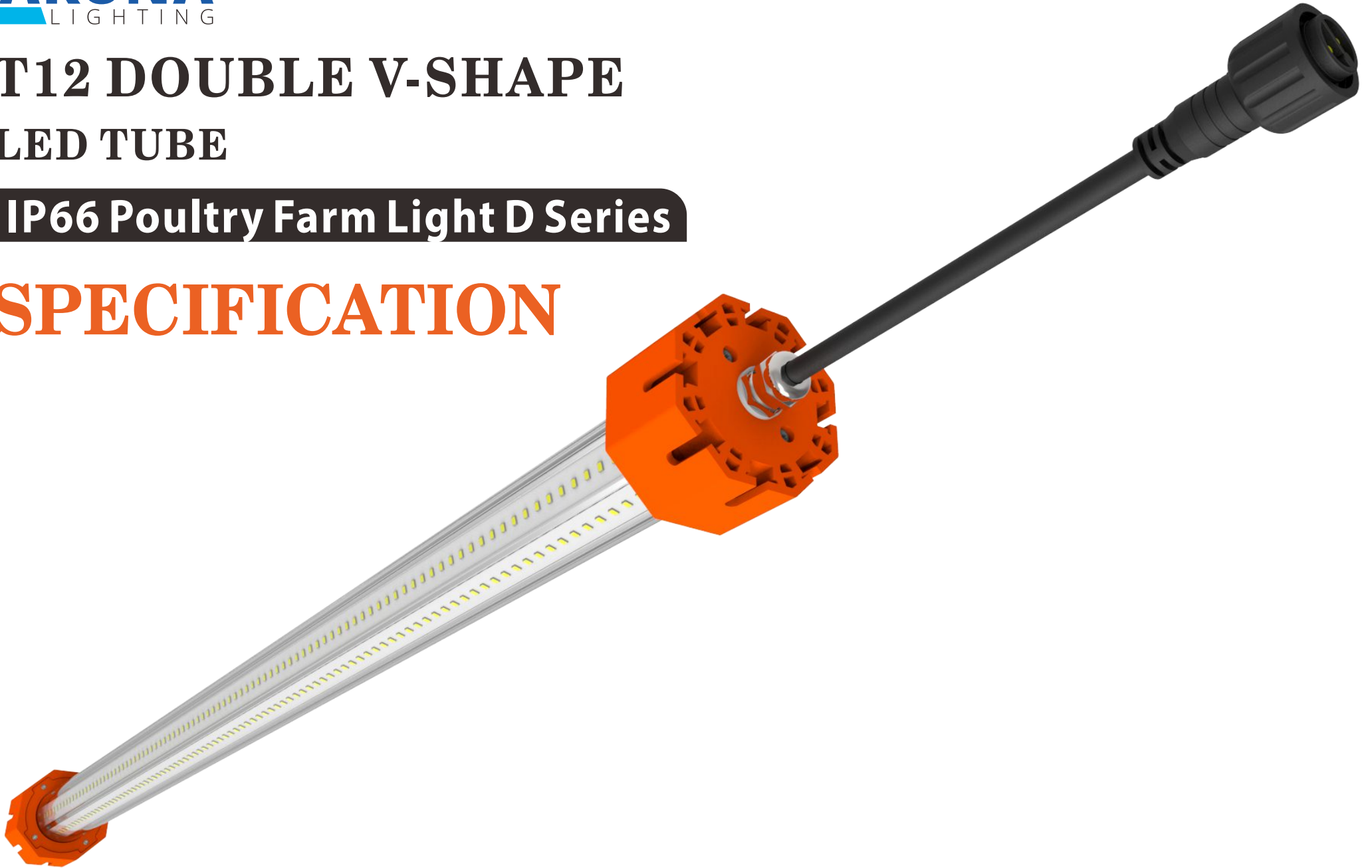




T12 DOUBLE V-SHAPE LED TUBE

IP66 Poultry Farm Light D Series

SPECIFICATION





Product Brief

2V structure design is ARUNA one more innovation for farm lighting, ARUNA T12 LED Tube is designed to provide 360° of light coverage in the poultry house, it eliminates shadows or dark areas, the uniform lighting improve animal healthy development. It's made with an optimized color spectrum and full dimming capability to meet chicken's developmental needs, enhance welfare and provide uniform growth. ARUNA series poultry lights is a retrofit solution for modern poultry systems, acting as an animal welfare friendly alternative to CFL and cold cathode (CCFL) bulbs.

Benefits

- › Lower lighting costs and maintenance costs.
- › Increase musculoskeletal development and weight gain.
- › Induce earlier maturity for hens to lay eggs.
- › Increase egg output and quality.
- › Regulate reproduction cycles.
- › Increase length of reproductive life.

Application

- › Chicken farm
- › Swine Barns
- › Birdcage
- › Refrigerator
- › Sheepfold
- › Cowshed
- › Horse stable and more agricultural
- › Freezer

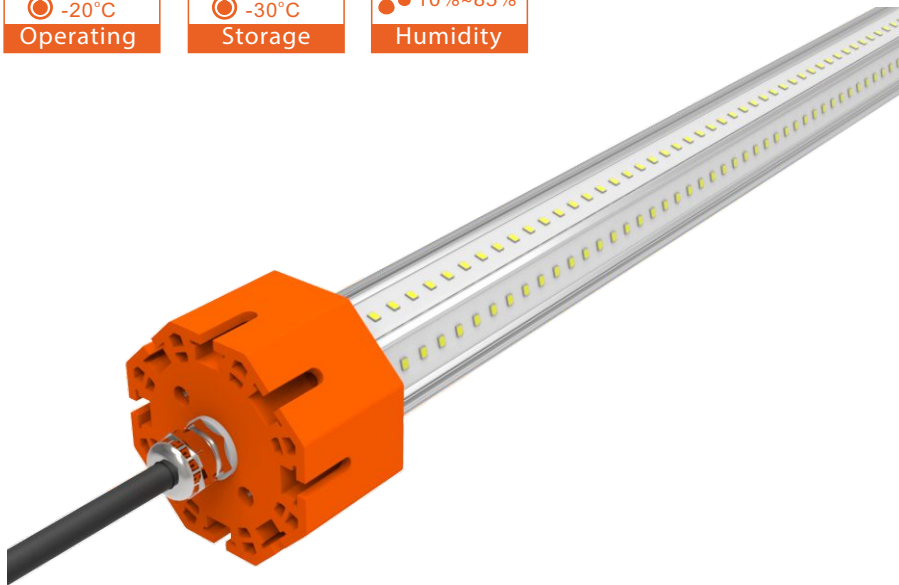


S/N Rules

WP X D - T12 - XXW (H) - D { Ex: WP 5 D - T12 - 24W (H) - D }

- ① WP: Waterproof
- ② X(5):Length:1500mm(5ft); 2:600mm(2ft), 3,3ft...
- ③ D:Product Structure Series
- ④ T12:Nominal Specification
- ⑤ XXW(24W):Power Consumption
- ⑥ H:Premium lumen
- ⑦ D:Dimmable Version

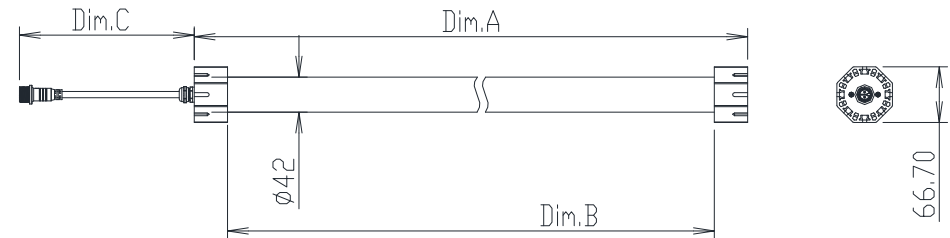
Working Conditions



Features

- ARUNA patent double V-shape 360° viewing angle
- High quality and reliable performance.
- Super brightness 120-130LM/W & 130-150 for options.
- Worldwide Triac Dimmable technology from 0.2-100% without any flicker to simulate Dawn to Dark.
- The integrated intelligent dimmer & timer system available,complied with RSPCA improve animal welfare.
- Humidity proof,Dust proof,Shatter proof and Waterproof with protection class IP66.
- Male and Female connector in series needed.
- Optimal anti-ammoniac & acid for poultry industrial lighting.

Dimension



Unit:mm

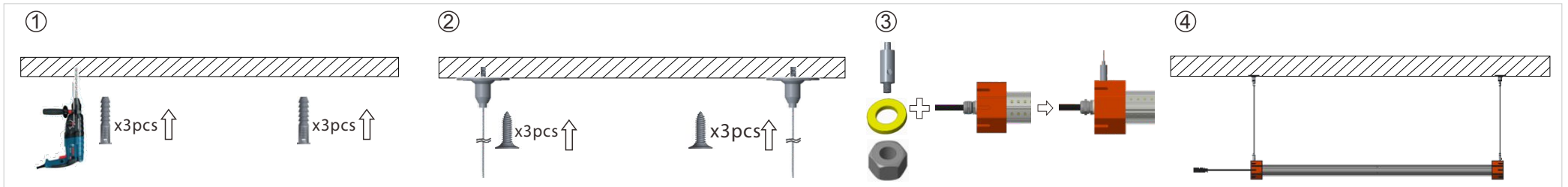
Length	Dim.A	Dim.B	Dim.C
1200mm	1200	1120	365
1500mm	1500	1420	365
1800mm	1800	1720	365

Data Sheet

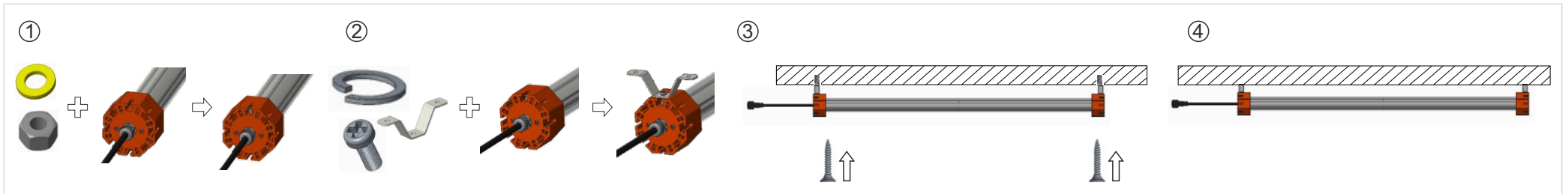
Model No.	Size(mm)	Power	Light Source (SMD 2835)	Lumen Output(LM)	Luminous Efficiency	CRI	Viewing Angle	Input Voltage(AC)	Frequency (HZ)	Dimmable
Standard Lumen Version										
WP4D-T12-24W	1200	24w	384pcs	3120	130LM/W	>80	360°	AC100-240V(EU) AC100-277V(US)	47-63	N
WP4D-T12-24W-D	1200	24w	384pcs	2880	120LM/W	>80	360°	AC100-120V AC220-240	47-63	Y
WP5D-T12-28W	1500	28w	576pcs	3640	130LM/W	>80	360°	AC100-240V(EU) AC100-277V(US)	47-63	N
WP5D-T12-28W-D	1500	28w	576pcs	3360	120LM/W	>80	360°	AC100-120V AC220-240V	47-63	Y
WP6D-T12-36W	1800	36w	672pcs	4680	130LM/W	>80	360°	AC100-240V(EU) AC100-277V(US)	47-63	N
WP6D-T12-36W-D	1800	36w	640pcs	4320	120LM/W	>80	360°	AC100-120V AC220-240V	47-63	Y
Premium Lumen Version										
WP4D-T12-24WH	1200	24w	384pcs	3600	150LM/W	>80	360°	AC100-240V(EU) AC100-277V(US)	47-63	N
WP4D-T12-24WH-D	1200	24w	384pcs	3120	130LM/W	>80	360°	AC100-120V AC220-240	47-63	Y
WP5D-T12-28WH	1500	28w	576pcs	4200	150LM/W	>80	360°	AC100-240V(EU) AC100-277V(US)	47-63	N
WP5D-T12-28WH-D	1500	28w	576pcs	3640	130LM/W	>80	360°	AC100-120V AC220-240V	47-63	Y
WP6D-T12-36WH	1800	36w	672pcs	5400	150LM/W	>80	360°	AC100-240V(EU) AC100-277V(US)	47-63	N
WP6D-T12-36WH-D	1800	36w	640pcs	4680	130LM/W	>80	360°	AC100-120V AC220-240V	47-63	Y
Different length can be customized.										

Installations

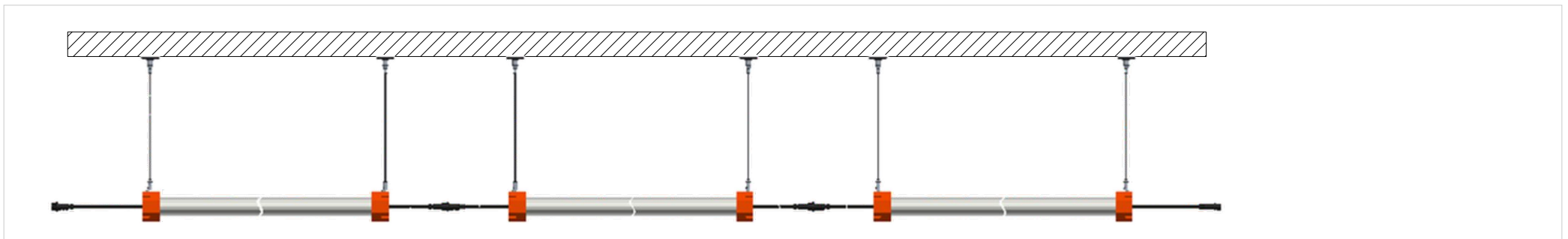
A Suspended Installation



B Ceiling Installation



C Series Connection



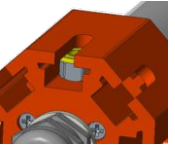




Recommended Installation Quantity (Rated Voltage: 220V)

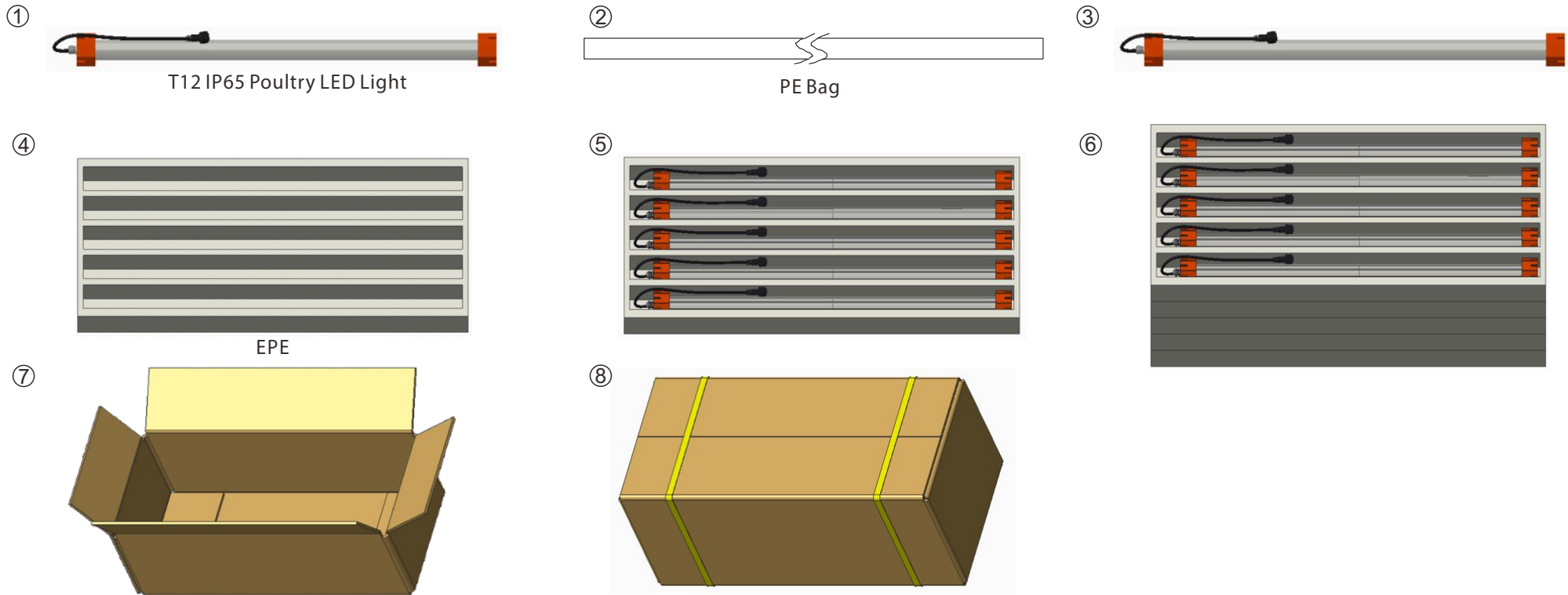
Q'ty(Suggested) Type	Power		
	24W	28W	36W
Non-dimmable	35pcs	30pcs	25pcs
Dimmable (600W Dimmer)	22pcs	18pcs	14pcs

* Suspended, mounted and series connection installation will be paid additionally for accessories.

Accessories

Parts Name	Picture	Number	Application	Uses Graphic
A Suspended Installation				
Washer 1		2PCS	connect product to V-bracket	
Nut		2PCS	Fixed V-bracket	
Clamp		2PCS	Adjust rope length and hold it in place	
Top Clamping Plate		2PCS	Fixed to the ceiling when suspending	
Expansion Rubber Plug		6PCS	Embedded ceiling and fixed screws	
Tapping Screw		6PCS	Embedded ceiling and fixed top clamping plate	
Hanging Rope		2PCS	Length adjustable(standard 1m)	
B Ceiling Mounted				
Washer 1		2PCS	connect product to V-bracket	
Nut		2PCS	Fixed V-bracket	
Washer 2		2PCS	Ceiling mounted	
Screw		2PCS	Ceiling mounted	
V-bracket		2PCS	Ceiling mounted	

Package



Model No.	N.W.(kg)/CTN	G.W.(kg)/CTN	Packing Q'ty (PCS/CTN)	Single-end Cable (mm)	Carton Q'ty	Double-end Cable (mm)	Carton Q'ty
WP4D-T12-24W(H)/-D	24.5	32	25	1310*475*430	20'GP 100CTNs 40'GP 207CTNs 40'HQ 242CTNs	1360*475*430	20'GP 96CTNs 40'GP 200CTNs 40'HQ 234CTNs
WP5D-T12-28W(H)/-D	29.5	39	25	1610*475*430	20'GP 80CTNs 40'GP 165CTNs 40'HQ 194CTNs	1660*475*430	20'GP 77CTNs 40'GP 161CTNs 40'HQ 188CTNs
WP6D-T12-36W(H)/-D	34	46	25	1910*475*430	20'GP 68CTNs 40'GP 141CTNs 40'HQ 165CTNs	1960*475*430	20'GP 66CTNs 40'GP 138CTNs 40'HQ 161CTNs