

General Description

TUBU'S LED Area Floodlight F3 range is designed to replace traditional HID and HIF in a variety of applications, especially suited for outdoor. Adopt the most advanced LM80 / TM21 certified Lumileds or Nichia LEDs and Meanwell LED driver. TUBU uses innovative optics and thermally efficient design, that enables the fittings to exceed 130lm/W standard, 140lm/W max. Combined with dimmable versions, 1-10V DALI system and sensors, TUBU's area floodlight will help you save up to 80% in energy savings. It is available in 75W, 100W, 150W, 200W, 240W and more options suitable for 90% outdoor applications.

Features

- High Output LED's, up to 130~140lm/W
- Meanwell driver, High PF>0.96 low THD driver, Flicker free
- Environmentally friendly, no mercury, No UV, No IR
- 4 Different Beam angle cover 90% application
 ANB: 32°x 84° Tilt 30°
 AWB: 50°x 88° Tilt 45°
 SNB: 25°x 75°
 SWB: 36°x 88°
- IP65 protection rating ; for indoor&outdoor using
- Energy Efficiency Grade: A+++
- Quick Start instant 100% luminous flux
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- Certificate: CE, RoHs, ETL, DLC, SAA, TUV (Pending)
- Body: Aluminium alloy
- Stainless steel screws
- Options:

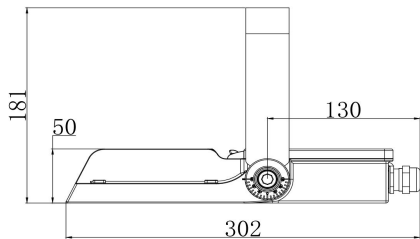
Applications

- Sports lighting
- Warehouse
- Storage
- Billboard
- Road Lighting
- Any outdoor application

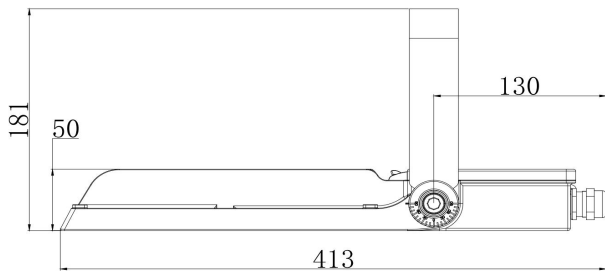
Electrical and Technical Data

Model No	TB-AL-75W	TB-AL-100W	TB-AL-150W	TB-AL-200W	TB-AL-240W
Input Power	75W	100W	150W	200W	240W
Product Size	330*373*50mm	330*373*50mm	330*373*50mm	441*373*50mm	441*373*50mm
Efficiency	140lm/W±10% with Ra > 70 or 130lm/W±10% with Ra > 80				
LED Brand	Nichia 3030 or Lumileds 3030				
CCT	3000K / 4000K / 5000K / 5700K (2700K can be customized)				
CRI	Ra>70 or Ra>80				
Body Color	White-Gray (optional for RAL9006)				
Power Factor	>0.95				
IP Grade	IP65				
IK Grade	IK08				
Input Voltage	100-277VAC				
Dimming Options	DALI or 1-10V				
Beam Angle	ANB: 32°x 84° Tilt 30° / AWB: 50°x 88° Tilt 45° / SNB: 25°x 75° / SWB: 36°x 88°				
Working Temp	-40°C ~ +45°C				
Warranty	5 Years				
Lifetime	45°C 50000Hours				

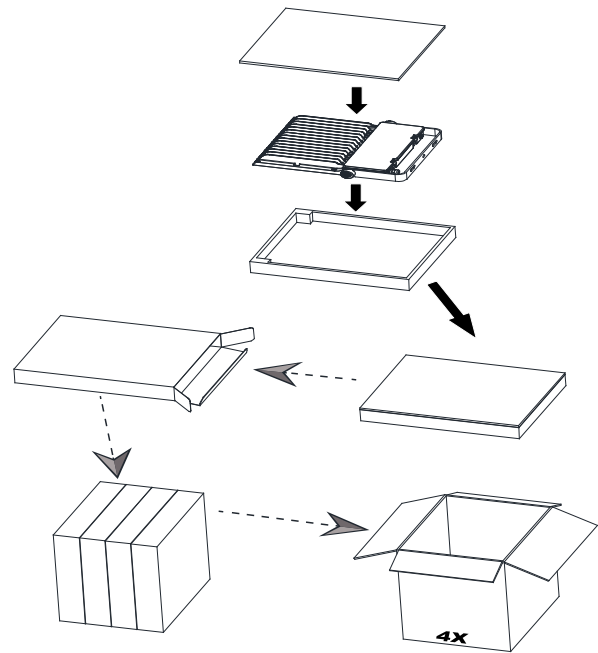
Product Dimension&Package Details



75W 100W 150W



200W 240W



Model	Length	Width	Height	N.W/CTN	G.W/CTN	Qty/CTN	Size/CTN
TB-AL-75W	302mm	373mm	50mm	21KG	23KG	4PCS/CTN	408*312*373mm
TB-AL-100W	302mm	373mm	50mm	21KG	23KG	4PCS/CTN	408*312*373mm
TB-AL-150W	302mm	373mm	50mm	21KG	23KG	4PCS/CTN	408*312*373mm
TB-AL-200W	413mm	373mm	50mm	28KG	30KG	4PCS/CTN	408*312*485mm
TB-AL-240W	413mm	373mm	50mm	28KG	30KG	4PCS/CTN	408*312*485mm