

### Features



Patented design & private mould, integrated die-casting aluminum.



Flexible Mounting - Horizontal Mounting and Vertical Mounting with adjustable inclination angle (Anti-theft option).



High lumen efficiency up to 170lm/W.



Litghtning protection with additional 10KV SPD.



Luminous intensity distribution: T2S / T2M / T3M options.



**NEMA base ready for Intelligent Smart City Lighting.** 



Inbuilt spirit level for ease of alignment.

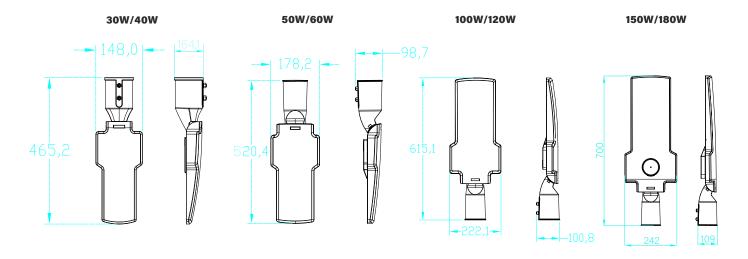


**Optional NEMA Base: 3/5/7 Pins.** 

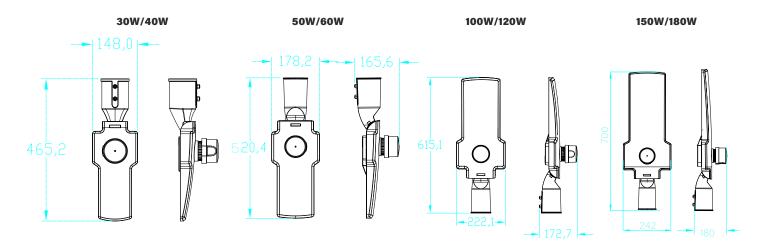


### Dimension

#### **Unit:mm**



With NEMA Base (Optional NEMA Base: 3/5/7 Pins)



**Mounting Hole** 





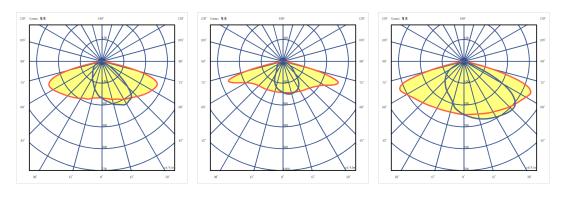
# Technical Specification

\*All specifications & parameters @25C° & subject to change without notice. All data tolerance +/- 5%

ETECH3-040W   ETECH3-060W   ETECH3-120W   ETECH3-180W	ltana	No.	ETECH3-030W	ETECH3-050W	ETECH3-100W	ETECH3-150W
Lamp Size (nm)   465×148×164.1   520×178×165.6   615×222×172.7   700×242×180	item No.		ETECH3-040W	ETECH3-060W	ETECH3-120W	ETECH3-180W
Notage (V)	Lamp Size (mm)		465×148×102.6	520×178×98.7	615x222x100.8	700×242×109
Power (W)   30W/40W   50W/60W   100W/120W   150W/180W	Lamp Size (mm) with Intelligent control		465×148×164.1	520×178×165.6	615x222x172.7	700x242x180
LED Type			AC100-240V(277v Option)/50/60Hz			
LED Quantity  Warm white  Color Temperature  Neutral white  Cool White  Cool White  Color Rendering Index (CRI)  Power Supply Efficiency  LED Luminous Efficiency  Power Factor  Total Harmonic Distortion (THD)  IP / IK  LED Driver  LEE LEKTRA  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  Housing Material  ADC 12  Temperature Operating Range  Storage Temperature Range  40 ° ~75 ° C  Storage Temperature Range  10%*80%	Power (W)		30W/40W	50W/60W	100W/120W	150W/180W
Varm white  Color Temperature  Neutral white  Cool White  Cool White  Color Rendering Index (CRI)  Power Supply Efficiency  Power Factor  Total Harmonic Distortion (THD)  IP / IK  IP 65 /IKO8  LED Driver  ELEKTRA  Dimmable  Non-dimmable  100,000Hrs  ABG 12  Temperature Operating Range  -40°C ~50°C  Humidity Operating Range  20%°95%  Storage Temperature Range  -40°C ~75°C  Storage Temperature Range  -40°C ~75°C	LED Type		SMD 3030			
Color Temperature Reutral white Cool White 5000K  Beam Angle T2S/T2M/T3M  Color Rendering Index (CRI) Ra = 70  Power Supply Efficiency > 90 %  LED Luminous Efficiency 160Im/W-170Im/W  Power Factor > 0.95  Total Harmonic Distortion (THD) ≤15%  IP / IK IP 65 /IK08  LED Driver ELEKTRA  Dimmable Non-dimmable (0-10 Option)  LED Lifetime 100,000Hrs  NEMA Base 3.5&7 Pin NEMA Base Options  Surge Protection 10KV SPD  Housing Material ADC 12  Temperature Operating Range 40°C~75°C  Storage Temperature Range 50c~95%  Storage Temperature Range 10%~90%	LED Quantity		48PCS	72PCS	168PCS	252PCS
Temperature Cool White Cool White Sounce  Beam Angle T2S/T2M/T3M  Color Rendering Index (CRI) Ra = 70  Power Supply Efficiency Power Factor Power Fa		Warm white	3000K			
Beam Angle  Color Rendering Index (CRI)  Ra = 70  Power Supply Efficiency  > 90 %  LED Luminous Efficiency  160Im/W-170Im/W  Power Factor  > 0.95  Total Harmonic Distortion (THD)  \$15%  IP / IK  IP 65 /IK08  LED Driver  ELEKTRA  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5.87 Pin NEMA Base Options  Surge Protection  Housing Material  ADC 12  Temperature Operating Range  40 C ~50 C  Humidity Operating Range  20%~95%  Storage Temperature Range  -40 C ~75 C  Storage Humidity Range  10%~80%		Neutral white	4000K			
Color Rendering Index (CRI)  Power Supply Efficiency  160Im/W-170Im/W  Power Factor  70.95  Total Harmonic Distortion (THD)  1P / IK  1Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  10KV SPD  Housing Material  ADC 12  Temperature Operating Range  40 C ~50 C  Humidity Operating Range  Storage Temperature Range  -40 C ~75 C  Storage Humidity Range  10%~80%		Cool White	5000К			
Power Supply Efficiency  LED Luminous Efficiency  Power Factor  70tal Harmonic Distortion (THD)  1P / IK  1P 65 /IK08  LED Driver  ELEKTRA  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  10KV SPD  Housing Material  ADC 12  Temperature Operating Range  40°C~50°C  Humidity Operating Range  20%~95%  Storage Temperature Range  5torage Humidity Range  10%~80%	Beam Angle		T2S/T2M/T3M			
LED Luminous Efficiency  Power Factor  > 0.95  Total Harmonic Distortion (THD)  IP / IK  IP 65 /IK08  LED Driver  ELEKTRA  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  Housing Material  ADC 12  Temperature Operating Range  40 ℃ ~50 ℃  Humidity Operating Range  Storage Temperature Range  -40 ℃ ~75 ℂ  Storage Humidity Range	Color Rendering Index (CRI)		Ra = 70			
Power Factor > 0.95  Total Harmonic Distortion (THD) ≤15%  IP / IK IP 65 /IK08  LED Driver ELEKTRA  Dimmable Non-dimmable (0-10 Option)  LED Lifetime 100,000Hrs  NEMA Base 3.5&7 Pin NEMA Base Options  Surge Protection 10KV SPD  Housing Material ADC 12  Temperature Operating Range -40 C ~50 C  Humidity Operating Range 20%~95%  Storage Temperature Range -40 C ~75 C  Storage Humidity Range 10%~80%	Power Supply Efficiency		> 90 %			
Total Harmonic Distortion (THD)  IP / IK  IP 65 /IK08  LED Driver  ELEKTRA  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  10KV SPD  Housing Material  ADC 12  Temperature Operating Range  -40 ℃ ~50 ℃  Humidity Operating Range  20%~95%  Storage Temperature Range  -40 ℃ ~75 ℃  Storage Humidity Range	LED Luminous Efficiency		160lm/W-170lm/W			
IP / IK  LED Driver  ELEKTRA  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  10KV SPD  Housing Material  ADC 12  Temperature Operating Range  -40 °C ~50 °C  Humidity Operating Range  Storage Temperature Range  -40 °C ~75 °C  Storage Humidity Range	Power Factor		> 0.95			
LED Driver  Dimmable  Non-dimmable (0-10 Option)  LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  10KV SPD  Housing Material  ADC 12  Temperature Operating Range  -40 °C ~50 °C  Humidity Operating Range  Storage Temperature Range  -40 °C ~75 °C  Storage Humidity Range	Total Harmonic Distortion (THD)		≤15%			
Dimmable Non-dimmable (0-10 Option)  LED Lifetime 100,000Hrs  NEMA Base 3.5&7 Pin NEMA Base Options  Surge Protection 10KV SPD  Housing Material ADC 12  Temperature Operating Range -40 °C ~50 °C  Humidity Operating Range 20%~95%  Storage Temperature Range -40 °C ~75 °C  Storage Humidity Range 10%~80%	IP / IK		IP 65 /IK08			
LED Lifetime  100,000Hrs  NEMA Base  3.5&7 Pin NEMA Base Options  Surge Protection  10KV SPD  Housing Material  ADC 12  Temperature Operating Range  -40 C ~50 C  Humidity Operating Range  Storage Temperature Range  10%~80%	LED Driver		ELEKTRA			
NEMA Base 3.5&7 Pin NEMA Base Options  Surge Protection 10KV SPD  Housing Material ADC 12  Temperature Operating Range -40 °C ~50 °C  Humidity Operating Range 20%~95%  Storage Temperature Range -40 °C ~75 °C  Storage Humidity Range	Dimmable		Non-dimmable (0-10 Option)			
Surge Protection  Housing Material  ADC 12  Temperature Operating Range  -40 °C ~50 °C  Humidity Operating Range  20%~95%  Storage Temperature Range  -40 °C ~75 °C  Storage Humidity Range	LED Lifetime		100,000Hrs			
Housing Material  Temperature Operating Range  -40 °C ~50 °C  Humidity Operating Range  20%~95%  Storage Temperature Range  -40 °C ~75 °C  Storage Humidity Range  10%~80%	NEMA Base		3.5&7 Pin NEMA Base Options			
Temperature Operating Range  -40 °C ~50 °C  Humidity Operating Range  20%~95%  Storage Temperature Range  -40 °C ~75 °C  Storage Humidity Range  10%~80%	Surge Protection		10KV SPD			
Humidity Operating Range  20%~95%  Storage Temperature Range  -40 C ~75 C  Storage Humidity Range  10%~80%	Housing Material		ADC 12			
Storage Temperature Range  -40 ~75 ~  Storage Humidity Range  10%~80%	Temperature Operating Range		-40 °C ~50 °C			
Storage Humidity Range 10%~80%	Humidity Operating Range		20%~95%			
	Storage Temperature Range		-40 ℃ ~75 ℃			
Net Weight         2.30KG         2.65KG         3.52KG         3.92KG	Storage Hum	nidity Range	10%~80%			
	Net Weight		2.30KG	2.65KG	3.52KG	3.92KG



# Photometric Report



T2S light distribution curve

T2M light distribution curve

T3M light distribution curve

