

TITAN All-in-Two LED Solar Street Light

Titan All-in-Two solar street light combines sleek design with advanced functionality. With its customizable height, the Titans are ideal for roads, parks, parking lots, and more. Perfect for enhancing outdoor spaces with sustainable, efficient, and reliable lighting.



NO ELECTRIC BILLS



EASY INSTALLATION



RELIABLE LIGHTING ANYTIME



LOW MAINTENANCE



VERSATILE APPLICATIONS



SUSTAINABLE



TITAN All-in-Two LED Solar Street Light

Standard Module Options



ECO Module Options



Solar Module – Specification

Parameters				
Model Number	DV-TITAN-SS-30 DV-TITAN-SS-50	DV-TITAN-DS-15 DV-TITAN-DS-25	DV-TITAN-SD-80 DV-TITAN-SD-100	DV-TITAN-DD-40 DV-TITAN-DD-50
Height (ft)	13.123 – 32.808			
Mounting	Direct bury, base plate mount			
Light Module				
LED Chips	Nichia / SEOUL			
Power Consumption	30W / 50W	15W / 25W	80W / 100W	40W / 50W
Output	200 lm/W	200 lm/W	180-190 lm/W	200 lm/W
Light Distribution	T2 T3 T4 T5			
CCT	2700K – 7000K			
Runtime	STD-4 Step Dimming			
Materials				
Body / Lens	Die Cast ADC12 (LED)			
Finish	Black / Silver / Custom			
Sail Area / EPA	0.79m^2	0.98m^2	1.39m^2	1.58m^2
Protection	IP65, IK10			
Operating Temp	-13 °F – 113 °F			
Warranty	10 years			
Battery				
Capacity	12.8V 35Ah (30W) 12.8V 60Ah (50W)	12.8V 35Ah (15W) 12.8V 60Ah (25W)	25.6V 50Ah (80W) 25.6V 70Ah (100W)	25.6V 50Ah (40W) 25.6V 70Ah (50W)
Type	LiFePO4 Passive cell balancing technology Individual cell monitoring / Deeper discharger cycles			
Cycles	3000			
Solar Module				
Watt (Pmax)	100W Mono crystalline		100W x2 Mono crystalline	
Dimensions (in)	33x28.149x2.44"		66.14x28.149x2.44"	
Optional	Stainless steel bird spikes			
Lifetime	5-10 years			



DV-TITAN-SS



DV-TITAN-DS



DV-TITAN-SD



DV-TITAN-DD

Specifications subject to site conditions and engineering requirements.

ECO Module – Specification

Parameters				
Model Number	DV-TITAN-SS-ECO-30 DV-TITAN-SS-ECO-50	DV-TITAN-DS-ECO-15 DV-TITAN-DS-ECO-25	DV-TITAN-SD-ECO-80 DV-TITAN-SD-ECO-100	DV-TITAN-DD-ECO-40 DV-TITAN-DD-ECO-50
Height (ft)	13.123 – 39.37		13.123 – 49.212	
Mounting	Direct bury, base plate mount			
Light Module				
LED Chips	CREE / OSRAM / Nichia / SEOUL			
Power Consumption	30W / 50W	15W / 25W	80W / 100W	40W / 50W
Output	150-200 lm/W	150-200 lm/W	150-180 lm/W	150-200 lm/W
Light Distribution	T2 T3 T4 T5			
CCT	2700K – 6500K			
Runtime	STD-4 Step Dimming			
Materials				
Body / Lens	Die Cast ADC12 (LED fixture) + 6063			
Finish	Black / Silver / Custom			
Sail Area / EPA	0.79m^2	.98m^2	1.39m^2	1.58m^2
Protection	IP65, IK08			
Operating Temp	-13 °F – 113 °F			
Warranty	5-10 years			
Battery				
Capacity	12.8V 35Ah (30W) 12.8V 50Ah (50W)	12.8V 35Ah (15W) 12.8V 60Ah (25W)	25.6V 50Ah (80W) 25.6V 70Ah (100W)	25.6V 50Ah (40W) 25.6V 70Ah (50W)
Type	LiFePO4 Passive cell balancing technology Individual cell monitoring / Deeper discharger cycles			
Cycles	3000			
Solar Module				
Watt (Pmax)	100W Mono crystalline		100W x2 Mono crystalline	
Dimensions (in)	31.889x27.952x1.771in		31.889x27.952x1.771n x2pc	
Optional	Stainless steel bird spikes			
Lifetime	+100,000 hrs			



DV-TITAN-SS-ECO



DV-TITAN-DS-ECO



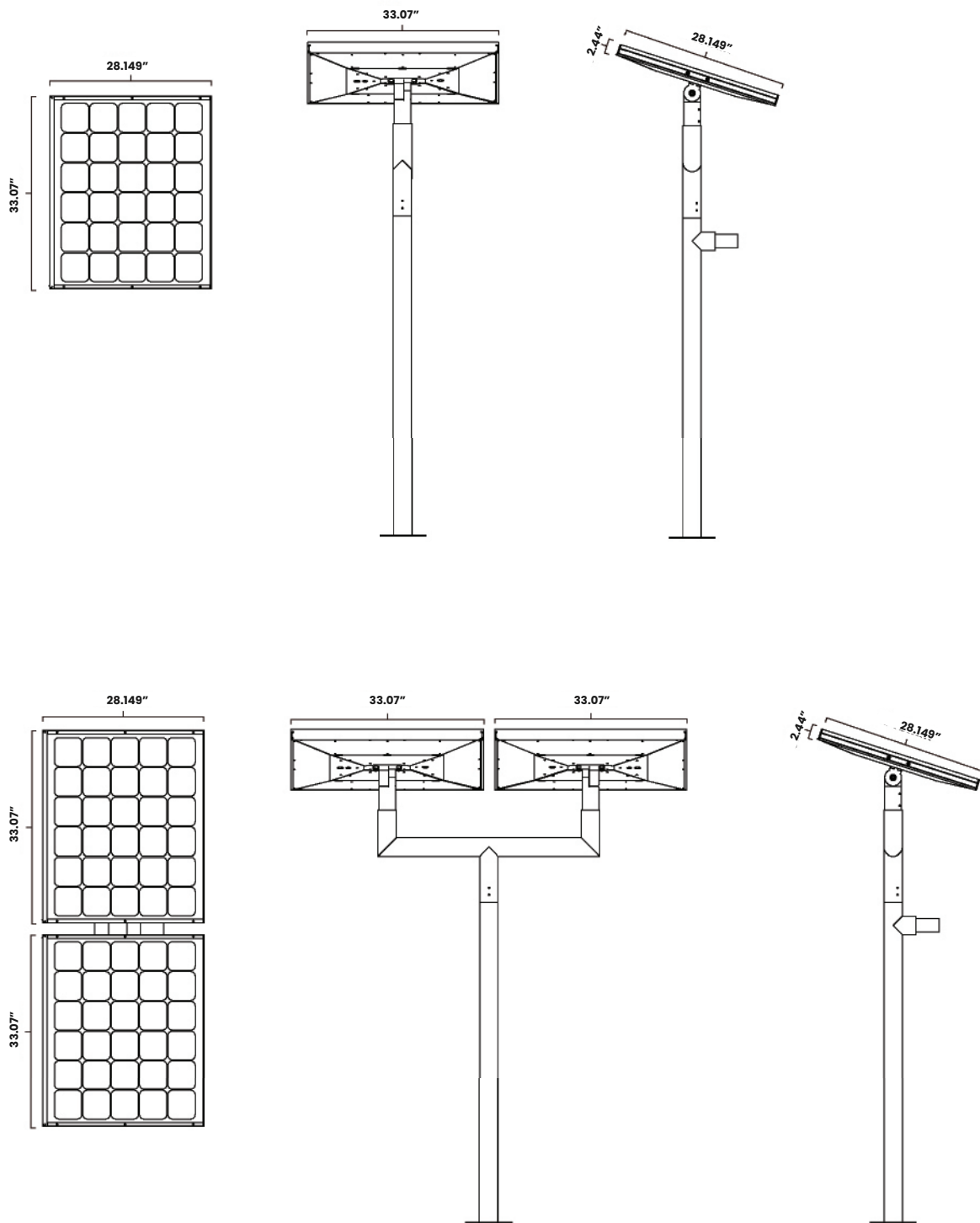
DV-TITAN-SD-ECO



DV-TITAN-DD-ECO

Specifications subject to site conditions and engineering requirements.

Dimensions

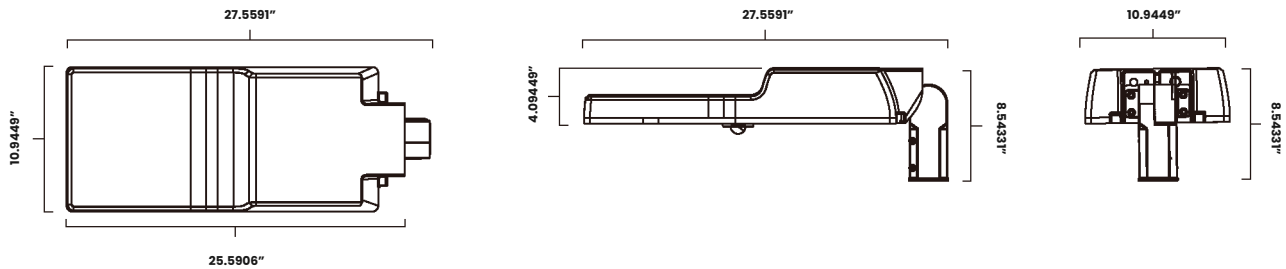


Apollo LED Light Options

Model Number	LED	Wattage	CCT	CRI	lm/W
DV-LSL-20W	Philips / Nichia	20W	4000K	>70RA	170-190
DV-LSL-30W	Philips / Nichia	30W	4000K	>70RA	170-190
DV-LSL-40W	Philips / Nichia	40W	4000K	>70RA	170-190
DV-LSL-50W	Philips / Nichia	50W	4000K	>70RA	170-190
DV-LSL-70W	Philips / Nichia	70W	4000K	>70RA	160-190
DV-LSL-90W	Philips / Nichia	90W	4000K	>70RA	160-190
DV-LSL-100W	Philips / Nichia	100W	4000K	>70RA	160-190
DV-LSL-120W	Philips / Nichia	120W	4000K	>70RA	150-190
DV-LSL-150W	Philips / Nichia	150W	4000K	>70RA	150-190



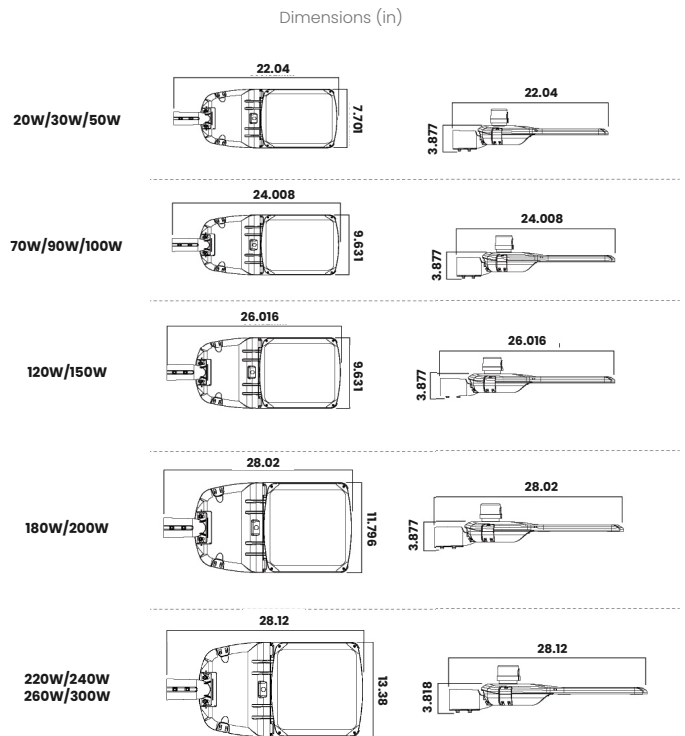
Dimensions



LED Light Module – Specification

Optical	
Luminous Efficacy	180 lm/W
Color Temperature (CCT)	30K / 40K / 50K
Color Rendering Index (CRI)	>70 Ra
Electrical	
Input	DC 24 V
Power Frequency	50 / 60 HZ
Power Factor	>0.95
Dimming Function	DALI/0-10V
Controller	Dimming profile
SPD	10KV
Power Supply	Full Solar Hybrid Grid Feed-in
Mechanical	
Body / Lens	Aluminum housing, Glass lens
Protection	IP65, IK08
Operating Temp	-40 °F – 122 °F
Wind Load	127.5 mph
Lifetime	≥ 100,000 h (L90 B10)

Dimensions

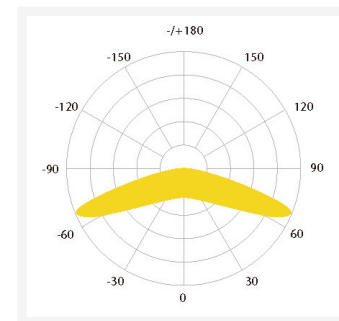


LED Light Options

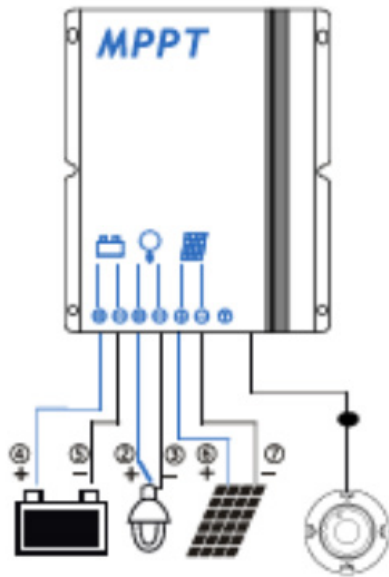
Model Number	Volatage	Wattage
DV-LSL20-XX-YY	DC 24V	20
DV-LSL30-XX-YY	DC 24V	30
DV-LSL50-XX-YY	DC 24V	50
DV-LSL70-XX-YY	DC 24V	70
DV-LSL90-XX-YY	DC 24V	90
DV-LSL100-XX-YY	DC 24V	100
DV-LSL120-XX-YY	DC 24V	120
DV-LSL150-XX-YY	DC 24V	150
DV-LSL180-XX-YY	DC 24V	180
DV-LSL200-XX-YY	DC 24V	200
DV-LSL220-XX-YY	DC 24V	220
DV-LSL240-XX-YY	DC 24V	240
DV-LSL260-XX-YY	DC 24V	260
DV-LSL300-XX-YY	DC 24V	300

Suffix "XX" denote LED driver brand
 Suffix "YY" denote different CCT ex. 30+3000K

Photometrics



Solar Charge Controller



- Innovative MPPT Power Point Tracking Technology – Tracking efficiency >99%
- Automatic System Voltage Recognition – Supports 12V and 24V systems
- Full Digital Control – High charge and discharge conversion efficiency up to 96%
- Motion Detection Dimming – Adaptive light output based on pedestrian motion
- Precision Constant Current Control – Supports output from 50mA up to 3000mA
- External Temperature Sensor – Improves system stability and battery protection
- 5-Step Dimming Control – Programmable from 0% to 100% output levels
- IP67 Aluminum Housing – Strong, durable, and weather-resistant enclosure
- Remote Control Operation – Allows wireless system adjustments
- Low Voltage Disconnect (LVD) & Reconnect (LVR) – Protects battery life and system longevity
- Fully Automated Electronic Protection – Safeguards against overcharge, over-discharge, and system faults