



**Pursuit of  
Perfection  
Environmental  
Purity.**



Aeon Lighting Technology Inc.

*High Power LED Lighting Solutions*

[www.aeonlighting.com](http://www.aeonlighting.com)

2011 ver 3

ALILED®



reddot design award  
winner 2011

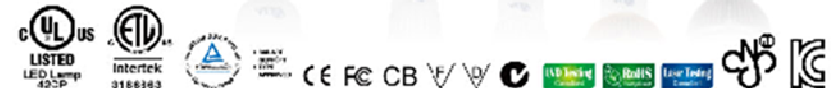


**Meer productinformatie:**

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010-8439068

[www.energytools.nl](http://www.energytools.nl)





*Lodestar*

Used in the past as a guide to navigators, LODESTAR is a bright, easily found star. As outdoor lighting series have to be, ALT's LODESTAR street light and flood light are beautiful, cost-saving, and with an incredible long life-span.

ALT's Lodestar street light series is the most efficient, and bright product in the LED industry as what people are expecting from the stars. Possessing a high stability lighting due to its unique current fluctuation protection, our Street Lights can be placed in the harshest conditions. With a CRI of 80, Lodestar street light series provides high brightness and at the same time a much improved night vision to increase pedestrian and vehicle safety. Once a traditional street light is replaced for a Lodestar street light, your operating and maintenance costs will be reduced up to 60% dramatically. In addition, the light of our street lights can be easily directed, avoiding sending light in all directions to prevent from energy wasting. Beautiful, cost-saving, and with an incredible long life-span, Lodestar street light series is perfect to be a shining star in your street.



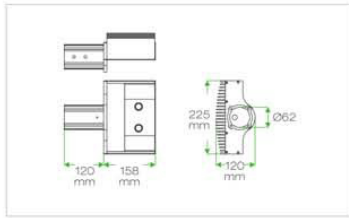
FEATURES

- IP68 waterproof standard.
- Salty fog testing approved.
- Integration of a patented aerospace structural design ensures optimal cooling.
- Compatible with all outdoor environments.

APPLICATIONS

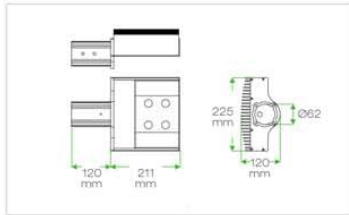
- Street Lighting.
- Garden Lighting.
- Pedestrian Lane Applications.

Street Light  
S02t25



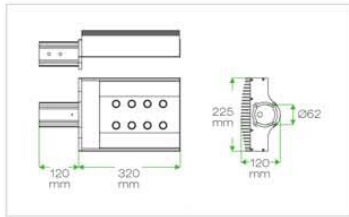
Working Voltage 100 - 240V AC  
Working Voltage (for Solar Power System) 12V DC / 24V DC  
Weight 113 oz. (3.5 kg)  
Applicable Pole Dimension 42-62mm  
Operating Temp -40°C to +50°C  
Lumen Maintenance 50,000+ hours  
Warranty 2 Years Limited

Street Light  
S02t50



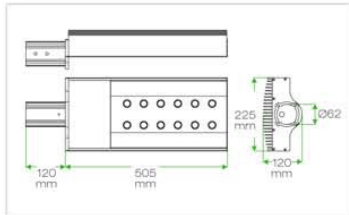
Working Voltage 100 - 240V AC  
Working Voltage (for Solar Power System) 12V DC / 24V DC  
Weight 176.4 oz. (5 kg)  
Applicable Pole Dimension 42-62mm  
Operating Temp -40°C to +50°C  
Lumen Maintenance 50,000+ hours  
Warranty 2 Years Limited

Street Light  
S02t75 / t100



Working Voltage 100 - 240V AC  
Working Voltage (for Solar Power System) 12V DC / 24V DC  
Weight 210 oz. (6.5 kg)  
Applicable Pole Dimension 42-62mm  
Operating Temp -40°C to +50°C  
Lumen Maintenance 50,000+ hours  
Warranty 2 Years Limited

Street Light  
S02t150



Working Voltage 100 - 240V AC  
Working Voltage (for Solar Power System) 12V DC / 24V DC  
Weight 307 oz. (8.7 kg)  
Applicable Pole Dimension 42-62mm  
Operating Temp -40°C to +50°C  
Lumen Maintenance 50,000+ hours  
Warranty 2 Years Limited

CHIPSET LUMINAIRE

All lumen data from chipset manufacturers.

Chipsets	CREE XP-E				
	S02t25	S02t50	S02t75	S02t100	S02t150
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	20°	30° / 60° / 90° / 130° / 135° / (120°x50°) / (120°x60°) / (135°x50°)			
True White CRI 80	1800 lm	3600 lm	5400 lm	7200 lm	10800 lm
Natural White CRI 80	1600 lm	3200 lm	4800 lm	6400 lm	9600 lm
Warm White CRI 80	1300 lm	2600 lm	3900 lm	5200 lm	7800 lm



Chipsets	CREE XP-G				
	S02t25	S02t50	S02t75	S02t100	S02t150
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	24°	30° / 60° / 90° / 130° / 135° / (120°x50°) / (120°x60°) / (135°x50°)			
True White CRI 80	2550 lm	5100 lm	7650 lm	10200 lm	15300 lm
Natural White CRI 80	2200 lm	4400 lm	6600 lm	8800 lm	13200 lm
Warm White CRI 80	1850 lm	3700 lm	5550 lm	7400 lm	11100 lm



Chipsets	OSRAM				
	S02t25	S02t50	S02t75	S02t100	S02t150
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	130°				
True White CRI 80	1800 lm	3600 lm	5400 lm	7200 lm	10800 lm
Natural White CRI 80	1600 lm	3200 lm	4800 lm	6400 lm	9600 lm
Warm White CRI 80	1300 lm	2600 lm	3900 lm	5200 lm	7800 lm



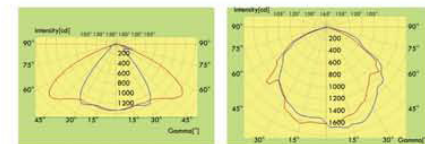
Chipsets	BRIDGELUX				
	S02t25	S02t50	S02t75	S02t100	S02t150
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	30 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	130°				
True White CRI 65	2500 lm	3600 lm	5400 lm	7200 lm	10800 lm
Natural White CRI 80	2000 lm	3400 lm	5100 lm	6800 lm	10000 lm
Warm White CRI 82	1800 lm	2500 lm	3750 lm	5000 lm	7500 lm



Type	Power Consumption				
	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	50 Watts	75 Watts	100 Watts	150 Watts
Beam Angle	24° / 45° / 130° / (120°x50°)				
True White CRI 70	1600 lm	3200 lm	4800 lm	6400 lm	9600 lm
Natural White CRI 70	1600 lm	3200 lm	4800 lm	6400 lm	9600 lm
Warm White CRI 70	1200 lm	2400 lm	3600 lm	4800 lm	7200 lm



CANDLE POWER DISTRIBUTION



IES Classification  
 Type I, Short Beam Angle : (120°x50°)  
 Type I, Medium Beam Angle : (135°x50°)  
 Type II, Short Beam Angle : (120°x60°)  
 Type II, Short Beam Angle : 130°  
 Type III, Short Beam Angle : (120°x60°)  
 Type V, Medium Beam Angle : 135°

Beam Angle : 20°, 24°, 30°, 45°, 60°, 90°