

High Power LED Lighting Solutions



Pursuit of perfection environmental purity.



Aeon Lighting Technology Inc.

2011/12 ver. 1.02 (CHIPSSET LUMINOUS FLUX)

EnergyTools

www.energytools.nl
info@energytools.nl
Tel: 010-8439068

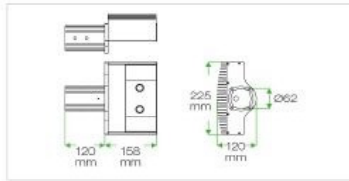


Street Light

IP68 Rated Function and Patented LED Heat Dissipation Technology

Street Light S02t25

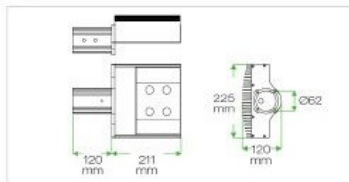
IP68 CE FC     3106063



Working Voltage 100 - 240V AC
Power Factor ≥ 0.9
Weight 113 oz. (3.5 kg)
Applicable Pole Dimension 42-62mm
Operating Temp -40°C to +50°C
Lifespan 50,000 hours
Warranty 3 Years Limited

Street Light S02t50

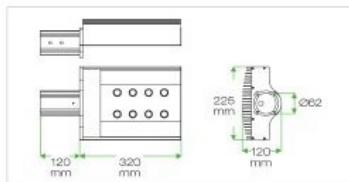
IP68 DESIGNLIGHTS      3106063



Working Voltage 100 - 240V AC
Power Factor ≥ 0.9
Weight 176.4 oz. (5 kg)
Applicable Pole Dimension 42-62mm
Operating Temp -40°C to +50°C
Lifespan 50,000 hours
Warranty 3 Years Limited

Street Light S02t75 / t100

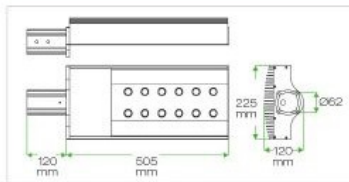
IP68 DESIGNLIGHTS      3106063



Working Voltage 100 - 240V AC
Power Factor ≥ 0.9
Weight 210 oz. (6.5 kg)
Applicable Pole Dimension 42-62mm
Operating Temp -40°C to +50°C
Lifespan 50,000 hours
Warranty 3 Years Limited

Street Light S02t150

IP68 DESIGNLIGHTS      3106063

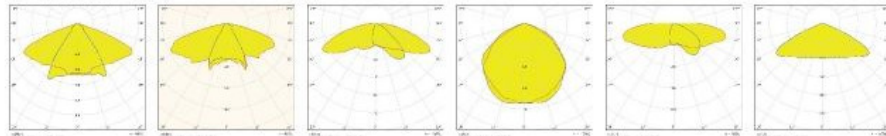


Working Voltage 100 - 240V AC
Power Factor ≥ 0.9
Weight 307 oz. (8.7 kg)
Applicable Pole Dimension 42-62mm
Operating Temp -40°C to +50°C
Lifespan 50,000 hours
Warranty 3 Years Limited

CANDLE POWER DISTRIBUTION

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

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°

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Chipsets	CREE® XT-E				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	15° / 20° / 30° / 45° / 60° / 90° / 130° / 120°x50° / 120°x60° / 135°x50°				
True White CRI 70	2800 lm	5600 lm	8400 lm	11200 lm	16800 lm
Natural White CRI 80	2450 lm	4900 lm	7350 lm	9800 lm	14700 lm
Warm White CRI 80	2000 lm	4000 lm	6000 lm	8000 lm	12000 lm
Warm White CK: 2200K CRI 80	1750 lm	3500 lm	5250 lm	7000 lm	10500 lm

Chipsets	CREE® XP-G				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	15° / 24° / 30° / 50° / 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	CREE® XP-E / XB-D				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	10° / 20° / 30° / 45° / 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	LUXEON® Rebel ES				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	15° / 24° / 30° / 50° / 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	LUXEON® Rebel				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	10° / 20° / 30° / 45° / 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

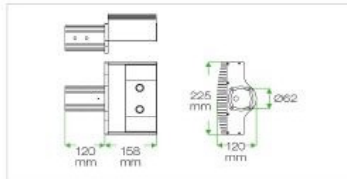
Chipsets	BRIDGELUX				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	30 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	130°				
True White CRI 65	2500 lm	3600 lm	5400 lm	7200 lm	10800 lm
Natural White CRI 80	2000 lm	3400 lm	5100 lm	6800 lm	10000 lm
Warm White CRI 82	1800 lm	2500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

Chipsets	EPSTAR				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	50 Watts	75 Watts	100 Watts	150 Watts
Beam Angle	130°				
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



Street Light
S02t25

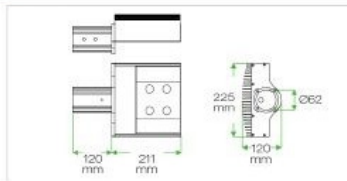
IP68 CE RoHS Low Induc



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**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

Street Light
S02t50

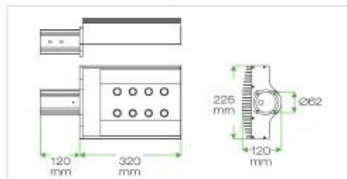
IP68 CE RoHS Low Induc



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**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

Street Light
S02t75 / t100

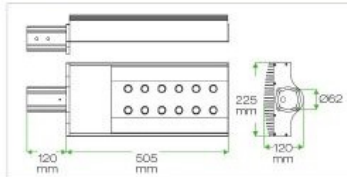
IP68 CE RoHS Low Induc



Working Voltage (for Solar Power System) **24V DC**
Weight **210 oz. (6.5 kg)**
Applicable Pole Dimension **42-62mm**
Operating Temp **-40°C to +50°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

Street Light
S02t150

IP68 CE RoHS Low Induc

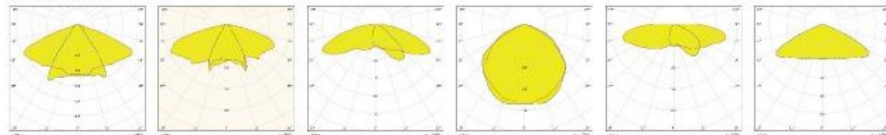


Working Voltage (for Solar Power System) **24V DC**
Weight **307 oz. (8.7 kg)**
Applicable Pole Dimension **42-62mm**
Operating Temp **-40°C to +50°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

CANDLE POWER DISTRIBUTION

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

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°

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

12V DC

Chipsets	CREE® XP-G	
Type	S02t25	S02t50
Power Consumption	25 Watts	46 Watts
Beam Angle	130°	
True White CRI 80	2550 lm	5100 lm
Natural White CRI 80	2200 lm	4400 lm
Warm White CRI 80	1850 lm	3700 lm

Chipsets	EPISTAR	
Type	S02t25	S02t50
Power Consumption	25 Watts	50 Watts
Beam Angle	130°	
True White CRI 70	1600 lm	3200 lm
Natural White CRI 70	1600 lm	3200 lm
Warm White CRI 70	1200 lm	2400 lm

24V DC

Chipsets	CREE® XT-E				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	15° / 20° / 30° / 45° / 60° / 90° / 130° / 120° x 60° / 120° x 60° / 135° x 50°				
True White CRI 70	2800 lm	5600 lm	8400 lm	11200 lm	16800 lm
Natural White CRI 80	2450 lm	4900 lm	7350 lm	9800 lm	14700 lm
Warm White CRI 80	2000 lm	4000 lm	6000 lm	8000 lm	12000 lm
Warm White CRI 80	1750 lm	3500 lm	5250 lm	7000 lm	10500 lm

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Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
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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

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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® XB-D				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	10° / 20° / 30° / 45° / 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	LUXEON® Rebel ES				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	15° / 24° / 30° / 50° / 60° / 90° / 130° / 135° / (120°x50°) / (120°x60°) / (135°x50°)				
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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	LUXEON® Rebel				
Type	S02t25	S02t50	S02t75	S02t100	S02t150
Power Consumption	25 Watts	46 Watts	72 Watts	92 Watts	145 Watts
Beam Angle	10° / 20° / 30° / 45° / 60° / 90° / 130° / 135° / (120°x50°) / (120°x60°) / (135°x50°)				
True White CRI 80	1800 lm	3600 lm	5400 lm	7200 lm	10800 lm
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Chipsets	BRIDGELUX				
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Power Consumption	30 Watts	46 Watts	72 Watts	92 Watts	145 Watts
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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