



598 Patterson Blvd., Pleasant Hill, CA USA

Tel: 800-660-4414 Fax: 925-939-9998 E-mail: info@sunriseled.us

Specification for Street Light 28W

Issued on: 1/4/2008

Revised on: 3/10/2010

1. Specs

| Optical Specs | Warm White | Cool White |
|-------------------------------------|--|---------------------|
| LED Spec & Quantity | 28pcs High Powered LEDs | |
| LED Color Temperature | 4,000°K | 5,000°K / 8,000°K |
| Luminaire Efficiency | >90% | |
| LED Efficiency | >95Lm/W | |
| Initial Delivered Lumen Tj=25°C | >1850Lm | >2500Lm |
| Normal Luminous Flux Tj=66°C | >1650Lm | >2300Lm |
| Illuminance & Scope at 4m | 22Lux 14m x 6.5m | 32Lux 14m x 6.5m |
| Illuminance & Scope at 6m | 9Lux 21m x 9.75m | 14Lux 21m x 9.75m |
| Color Rendering Index | Ra>75 | |
| Beam Angle | 130° / 80° | |
| Electrical Specs | | |
| Input Voltage & Frequency | AC120-240V 50-60Hz | |
| Power Factor | >0.95 | |
| Input Current | 0.165A (220V) | |
| Total Power Consumption | 36W | |
| Temperature Specs | | |
| Shell Temperature (Ta=30°C) | 51°C (123.8°F) | |
| Junction Temperature (Ta=30°C) | 64°C (147.2°F) | |
| Shell Temperature Rise (Ta=30°C) | 21°C (69.8°F) | |
| Junction Temperature Rise (Ta=30°C) | 34°C (93.2°F) | |
| Other Specs | | |
| Operating Temperature | -30°C - +45°C (-22°F - +113°F) | |
| Operating Humidity | 10 - 90 RH | |
| Storage Temperature | -20°C - +45°C (-4°F - +113°F) | |
| Dimensions | 4"H x 8"W x #23"L (102mmH x 205mmW x 583mmL) | |
| Net Weight | 9.5lbs (4.3kg) | |
| IP Rating | IP65 | |
| Lifespan | 50,000 Hours | |
| Warranty | 3 Years | |



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Specification for Street Light 56W Wide

Issued on: 1/4/2008

Revised on: 3/10/2010

1. Specs

| Optical Specs | Warm White | Cool White |
|-------------------------------------|--|---------------------|
| LED Spec & Quantity | 56 x 1W (White) LEDs | |
| LED Color Temperature | 4,000°K | 5,000 / 8,000°K |
| Luminaire Efficiency | >90% | |
| LED Efficiency | >95Lm/W | |
| Initial Delivered Lumen Tj=25°C | >3700Lm | >5000Lm |
| Normal Luminous Flux Tj=66°C | >3300Lm | >4600Lm |
| Illuminance & Scope at 6m | 18Lux 21m x 9.75m | 28Lux 21m x 9.75m |
| Illuminance & Scope at 8m | 11Lux 28m x 13m | 16Lux 28m x 13m |
| Color Rendering Index | Ra>75 | Ra>75 |
| Beam Angle | 130° / 80° | 130° / 80° |
| Electrical Specs | | |
| Input Voltage & Frequency | AC120-240V 50-60Hz | |
| Power Factor | >0.95 | |
| Input Current | 0.65A (110V) 0.33A (220V) | |
| Total Power Consumption | 72W | |
| Temperature Specs | | |
| Shell Temperature (Ta=30°C) | 51°C (123.8°F) | |
| Junction Temperature (Ta=30°C) | 64°C (147.2°F) | |
| Shell Temperature Rise (Ta=30°C) | 21°C (69.8°F) | |
| Junction Temperature Rise (Ta=30°C) | 34°C (93.2°F) | |
| Other Specs | | |
| Operating Temperature | -30°C - +45°C (-22°F - +113°F) | |
| Operating Humidity | 10 - 90 RH | |
| Storage Temperature | -20°C - +45°C (-4°F - +113°F) | |
| Dimensions | 5"H x 16"W x 22"L (132mmH x 398mmW x 552mmL) | |
| Net Weight | 16.5lbs (7.5kg) | |
| IP Rating | IP65 | |
| Lifespan | 50,000 Hours | |
| Warranty | 3 Years | |



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Specification for Street Light 56W Straight

Issued on: 1/4/2008

Revised on: 3/10/2010

1. Specs

| Optical Specs | Warm White | Cool White |
|--|---|---------------------|
| LED Spec & Quantity | 56pcs High Power LEDs | |
| LED Color Temperature | 4,000°K | 5,000 / 8,000°K |
| Luminaire Efficiency | >90% | |
| LED Efficiency | >95Lm/W | |
| Initial Delivered Lumen T _j =25°C | >3700Lm | >5000Lm |
| Normal Luminous Flux T _j =66°C | >3300Lm | >4600Lm |
| Illuminance & Scope at 6m | 18Lux 21m x 9.75m | 28Lux 21m x 9.75m |
| Illuminance & Scope at 8m | 11Lux 28m x 13m | 16Lux 28m x 13m |
| Color Rendering Index | Ra>75 | Ra>75 |
| Beam Angle | 130° / 80° | 130° / 80° |
| Electrical Specs | | |
| Input Voltage & Frequency | AC120-240V 50-60Hz | |
| Power Factor | >0.95 | |
| Input Current | 0.65A (110V) 0.33A (220V) | |
| Total Power Consumption | 72W | |
| Temperature Specs | | |
| Shell Temperature (T _a =30°C) | 51°C (123.8°F) | |
| Junction Temperature (T _a =30°C) | 64°C (147.2°F) | |
| Shell Temperature Rise (T _a =30°C) | 21°C (69.8°F) | |
| Junction Temperature Rise (T _a =30°C) | 34°C (93.2°F) | |
| Other Specs | | |
| Operating Temperature | -30°C - +45°C (-22°F - +113°F) | |
| Operating Humidity | 10 - 90 RH | |
| Storage Temperature | -20°C - +45°C (-4°F - +113°F) | |
| Dimensions | 4"H x 8"W x 30"L (102mmH x 205mmW x 755mmL) | |
| Net Weight | 12.3lbs (5.6kg) | |
| IP Rating | IP65 | |
| Lifespan | 50,000 Hours | |
| Warranty | 3 Years | |



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Specification for Street Light 112W

Issued on: 1/4/2008

Revised on: 3/10/2010

1. Specs

| Optical Specs | Warm White | Cool White |
|--|--|---------------------|
| LED Spec & Quantity | 112 x 1W (White) LEDs | |
| LED Color Temperature | 4,000°K | 5,000 / 8,000°K |
| Luminaire Efficiency | >90% | |
| LED Efficiency | >95Lm/W | |
| Initial Delivered Lumen T _j =25°C | >7300Lm | >8000Lm |
| Normal Luminous Flux T _j =66°C | >6800Lm | >8600Lm |
| Illuminance & Scope at 8m | 20Lux 28m x 13m | 31Lux 28m x 13m |
| Illuminance & Scope at 10m | 13Lux 35m x 16m | 20Lux 35m x 16m |
| Illuminance & Scope at 12m | 9Lux 42m x 19.5m | 14Lux 42m x 19.5m |
| Color Rendering Index | Ra>75 | |
| Beam Angle | 130° / 80° | |
| Electrical Specs | | |
| Input Voltage & Frequency | AC120-240V 50-60Hz | |
| Power Factor | >0.95 | |
| Input Current | 0.#A (110V) 0.66A (220V) | |
| Total Power Consumption | 145W | |
| Temperature Specs | | |
| Shell Temperature (T _a =30°C) | 51°C (123.8°F) | |
| Junction Temperature (T _a =30°C) | 64°C (147.2°F) | |
| Shell Temperature Rise (T _a =30°C) | 21°C (69.8°F) | |
| Junction Temperature Rise (T _a =30°C) | 34°C (93.2°F) | |
| Other Specs | | |
| Operating Temperature | -30°C - +45°C (-22°F - +113°F) | |
| Operating Humidity | 10 - 90 RH | |
| Storage Temperature | -20°C - +45°C (-4°F - +113°F) | |
| Dimensions | 5"H x 16"W x 31"L (132mmH x 398mmW x 777mmL) | |
| Net Weight | 24.3lbs (11kg) | |
| IP Rating | IP65 | |
| Lifespan | 50,000 Hours | |
| Warranty | 3 Years | |



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Specification for Street Light 168W

Issued on: 1/4/2008

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1. Specs

| Optical Specs | Warm White | Cool White |
|-------------------------------------|--|---------------------|
| LED Spec & Quantity | 168 x 1W (White) LEDs | |
| LED Color Temperature | 4,000°K | 5,000 / 8,000°K |
| Luminaire Efficiency | >90% | |
| LED Efficiency | >95Lm/W | |
| Initial Delivered Lumen Tj=25°C | >10400Lm | >13000Lm |
| Normal Luminous Flux Tj=66°C | >9800Lm | >12600Lm |
| Illuminance & Scope at 8m | 31Lux 28m x 13m | 47Lux 28m x 13m |
| Illuminance & Scope at 10m | 20Lux 35m x 16m | 30Lux 35m x 16m |
| Illuminance & Scope at 12m | 14Lux 42m x 19.5m | 21Lux 42m x 19.5m |
| Color Rendering Index | Ra>75 | Ra>75 |
| Beam Angle | 130° / 80° | 130° / 80° |
| Electrical Specs | | |
| Input Voltage & Frequency | AC120-240V 50-60Hz | |
| Power Factor | >0.95 | |
| Input Current | 0.#A (110V) 1A (220V) | |
| Total Power Consumption | 220W | |
| Temperature Specs | | |
| Shell Temperature (Ta=30°C) | 51°C (123.8°F) | |
| Junction Temperature (Ta=30°C) | 64°C (147.2°F) | |
| Shell Temperature Rise (Ta=30°C) | 21°C (69.8°F) | |
| Junction Temperature Rise (Ta=30°C) | 34°C (93.2°F) | |
| Other Specs | | |
| Operating Temperature | -30°C - +45°C (-22°F - +113°F) | |
| Operating Humidity | 10 - 90 RH | |
| Storage Temperature | -20°C - +45°C (-4°F - +113°F) | |
| Dimensions | 5"H x 16"W x 38"L (132mmH x 398mmW x 953mmL) | |
| Net Weight | 33.1lbs (15kg) | |
| IP Rating | IP65 | |
| Lifespan | 50,000 Hours | |
| Warranty | 3 Years | |



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Specification for Street Light Hexagon Lamp

Issued on: 1/4/2008

Revised on: 3/10/2010

1. Specs

| Optical Specs | Warm White | Cool White |
|-------------------------------------|---|-----------------|
| LED Spec & Quantity | 432 x 0.07W SMD LEDs | |
| LED Color Temperature | 4,000°K | 5,000 / 8,000°K |
| Flux Level | >1800Lm | >2600Lm |
| Color Rendering Index | Ra>65 | |
| Electrical Specs | | |
| Input Voltage & Frequency | AC120-240V 50-60Hz | |
| Power Factor | >0.88 | |
| Input Current | 0.#A (110V) 0.13A (220V) | |
| Total Power Consumption | 27W | |
| Temperature Specs | | |
| Shell Temperature Rise | 22°C (#°F) | |
| Operating Temperature | -30°C - +45°C (-22°F - +113°F) | |
| Operating Humidity | 10 - 90 RH | |
| Other Specs | | |
| Annual Power Consumption (4000 hrs) | 108Kw/Hr | |
| Dimensions | 3.6"H x 4"W x 9"D (91mmH x 100mmW x 230mmL) | |
| Net Weight | 1.7lbs (0.79kg) | |
| Lamp Base | E40, E39, E27, E26, B22 | |
| Lifespan | 30,000 Hours | |
| Warranty | 3 Years | |