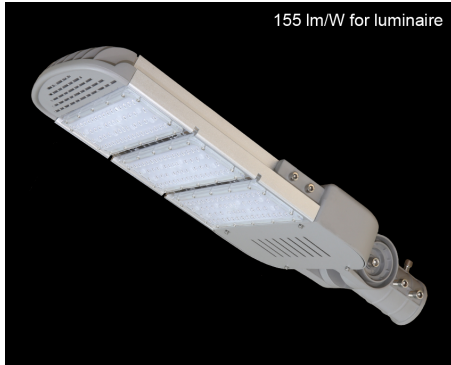


SNF288 series of led street light



Applications:

- expressway roads
- urban main roads, secondary roads
- economic development zone and high-tech park road
- industrial and mining plant road
- tourist attractions
- resort road
- park, parking roads

Description of performances:

| | | | | | |
|--|--|--|--|---|---|
| test report IEC 60598/IEC 62741 IEC 61000/IEC 61547 EN55015 LM80 / LM79 | brand of led chip PHILIPS | luminous efficacy of led chip 200 lm/W | light efficacy of luminaire 155 lm/W | brand of led driver Inventronics /Trismart Lighting | wide input voltage 90~305 Vac |
| power factor ≥0.95 | total harmonic distortion ≤10% | surge lightning protection 6000 V | adjustable angle -90°~+90° | heat dissipation of power cavity ventilation design to enhance heat dissipation | IP protection IP66 |

Product details:



190lm/W Philips led chip



convection aluminum heat dissipation



ventilation supply chamber



adjustable tilt

Technical parameters:

| Parameter items | 50W | 100W | 150W | 200W | 250W |
|-------------------------------------|------------|------------|------------|------------|------------|
| Input voltage (V) | 90-305Vac | 90-305Vac | 90-305Vac | 90-305Vac | 90-305Vac |
| Power efficiency | ≥91% | ≥91% | ≥91% | ≥91% | ≥91% |
| Power factor | 0.95 | 0.97 | 0.98 | 0.98 | 0.98 |
| Surge lightning protection (V) | 6000 | 6000 | 6000 | 6000 | 6000 |
| Total harmonic distortion | ≤10% | ≤10% | ≤10% | ≤10% | ≤10% |
| Quantity of led chip (pcs) | 56 | 112 | 168 | 224 | 280 |
| Luminous efficiency for led (lm/W) | 200 | 200 | 200 | 200 | 200 |
| Total luminous flux (lm) | 10000±5% | 20000±5% | 30000±5% | 40000±5% | 50000±5% |
| Light efficacy for luminaire (lm/W) | 155 | 155 | 155 | 155 | 155 |
| Correlated color temperature (K) | 3000-6500 | 3000-6500 | 3000-6500 | 3000-6500 | 3000-6500 |
| Color rendering index (Ra) | ≥75 | ≥75 | ≥75 | ≥75 | ≥75 |
| Beam angle (°) | 140° *70° | 140° *70° | 140° *70° | 140° *70° | 140° *70° |
| LED lifespan (h) | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Working temperature (°C) | -40~+55°C | -40~+55°C | -40~+55°C | -40~+55°C | -40~+55°C |
| IP protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| IK protection | IK08 | IK08 | IK08 | IK08 | IK08 |
| Installation mode of led driver | built-in | built-in | built-in | built-in | built-in |
| Dimensions (mm) | 460*315*80 | 540*315*80 | 620*315*80 | 700*315*80 | 780*315*80 |
| Weight (Kg) | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 |
| Installation of pipe diameter (mm) | φ60 | φ60 | φ60 | φ60 | φ60 |
| Warranty | 5 year | 5 year | 5 year | 5 year | 5 year |



Test report of luminous efficiency of led chip:

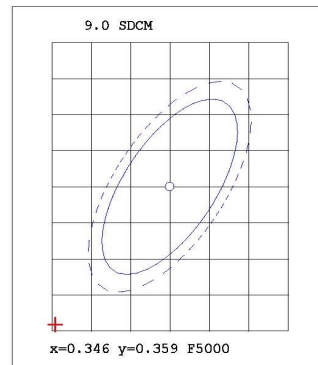
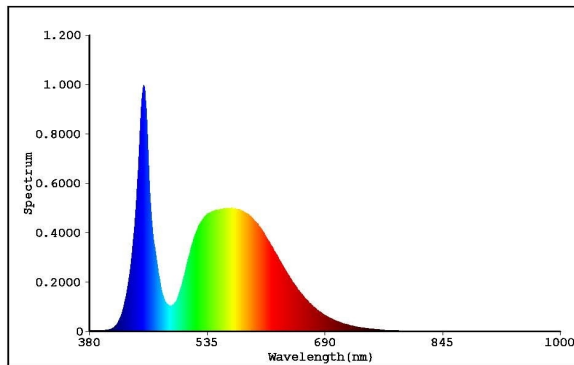
EVERFINE 远方

Test report

EVERFINE LEDspec Test Report

2 Of 4

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate(2Deg): $x=0.3314$ $y=0.3399$ / $u'=0.2066$ $v'=0.4768$ $duv=-1.324e-004$

Tc=5545K Dominant WL:Ld=536.9nm Purity=1.5%

Ratio:R=14.1% G=82.3% B=3.7% Peak WL:Lp=451.4nm HWL:19.7nm

Render Index:Ra=75.7

R1 =74.64 R2 =79.78 R3 =80.99 R4 =76.68 R5 =74.83

R6 =71.19 R7 =83.59 R8 =63.76 R9 =-11.12 R10=49.49

R11=73.52 R12=44.41 R13=75.32 R14=89.03 R15=71.15

TM30 Parameters: Rf = 72.8, Rg:94.9

Photo Parameters:

Flux = 143.7 lm Eff. : 208.44 lm/W Fe = 440.0 mW

Electrical parameters:

VF = 5.750 V IF = 119.9 mA P = 689.4 mW Ch1

LEVEL:** [OUT] WHITE:ANSI_5700K

Status: T=140.00ms Ip=47130 (72%) [HAAS1200_V1_USB] V2.00.288

Model:120MA
 Tester:D.U.01.0151 24V
 Temperature:25.3Deg
 Manufactory:EVERFINE
 Assessor:damin
 System:WY + HAAS1200_V1_USB

Number:3
 Date:2021-06-05 16-40
 Humidity:65.0%
 Remarks:---