

80W LED Street Light



Product Feature

- AC Integrated Driver, High Reliability, PF>0.98
- With OVP, OTP and OCP Protection
- 10KV Surge Protection(External SPD)
- LED SMD3030, CRI>80
- Can pass CE, RoHS,FCC,SAA,RCM Certification
- CCT:3000K,4000K,6000K Options
- Long life:30,000 hrs,3 years warranty
- 70*120° beam angle (with lens)
- High efficiency, High Lumen LUX
- No UV or Infrared Radiation

Description

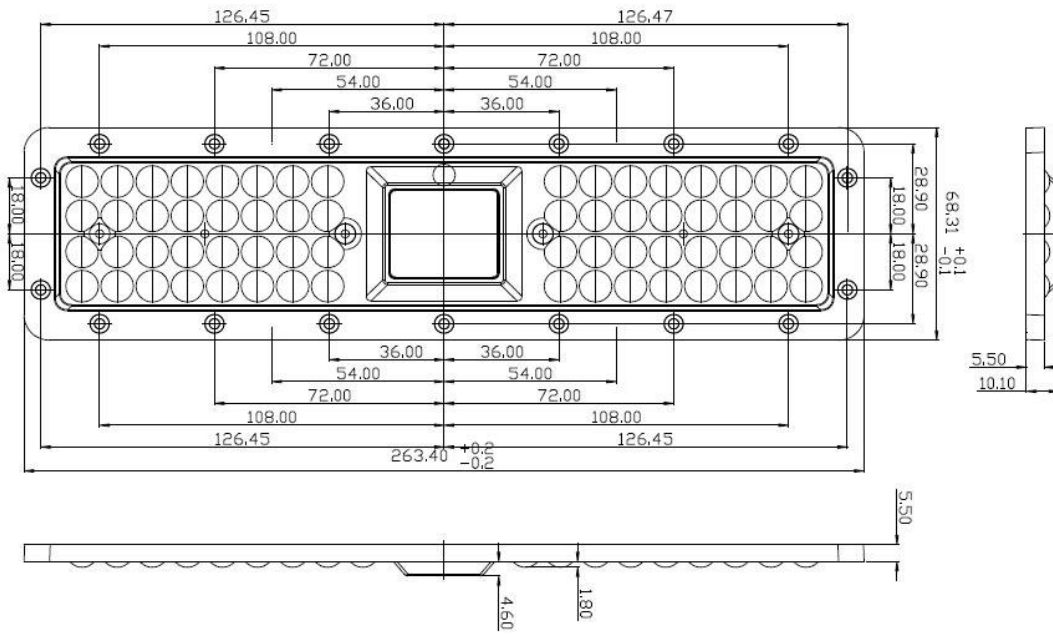
Light Source:	Bridgelux SMD 3030 64pcs*2(Modules)		
Rated Power(W):	80W±5% @230VAC		
Input Voltage(V):	200-265VAC		
PF:	0.98		
Led Driver:	AC linear		
Surge Protection:	10KV Surge Protection(External SPD)		
Luminous(lm):	105lm/W±5%		
CCT(K):	WW 3000K	NW 4000K	CW 6000K
CRI:	>80		
Beam Angle:	70*120°		
Material:	Aluminum +PC Diffusion Cover		
Lifespan(H)	>30,000		
Operation Temp.	-33°C-55°C		
Weight	1.3kgs		
Dimension(mm):	271*367*75mm		

Product Application:

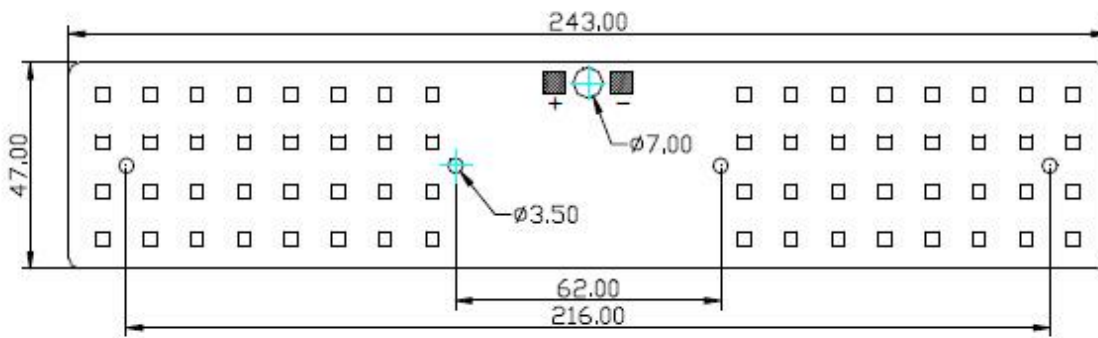
Road Way Lighting, Street Lighting, Residential Areas, Industrial States etc..



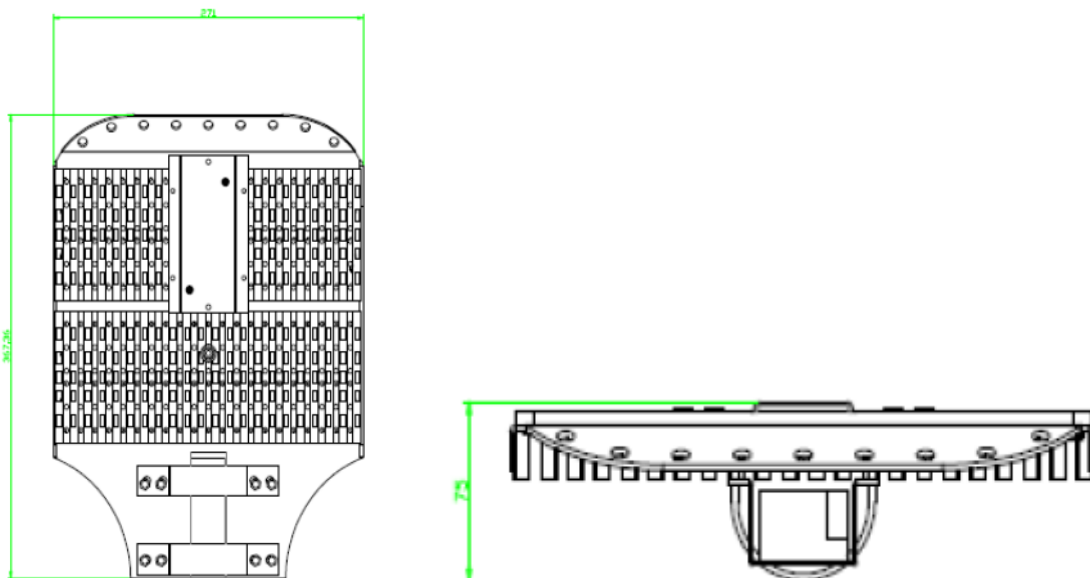
Lens Dimension



PCB Dimension



Heat sink Dimension



Please enlarge picture for details !

Product pictures----- **SKD available**

PCB Light Board



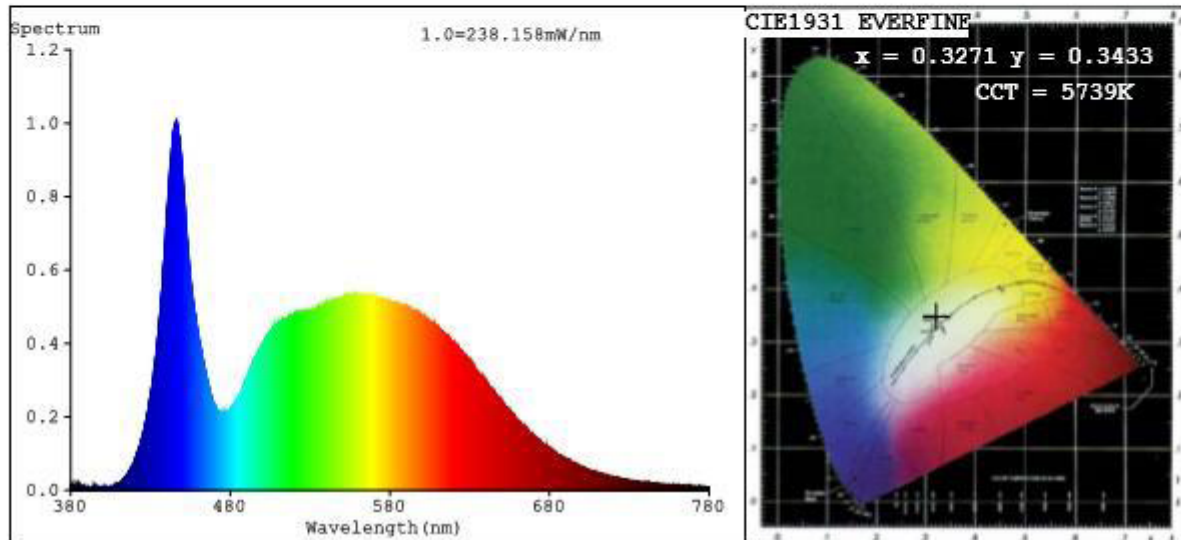
60 Degree Lens Cover



Aluminum Heat Sink



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3271$ $y=0.3433$ $u'=0.2023$ $v'=0.4779$

CCT=5739K (Duv=0.0036) Dominant WL: $\lambda_d = 514.3\text{nm}$ Purity=2.1%

Ratio: R=14.4% G=80.8% B=4.9% Peak WL: $\lambda_p = 446.5\text{nm}$ FWHM=21.0nm

Render Index: Ra=83.0

R1 =81 R2 =85 R3 =89 R4 =84 R5 =83 R6 =81 R7 =87

R8 =72 R9 =13 R10=66 R11=85 R12=66 R13=82 R14=94 R15=77

Photo Parameters:

Flux = 8113 lm Eff. : 100.92 lm/W $\Phi_e = 26.04\text{ W}$

Electrical parameters:

V = 220.76 V I = 0.3693 A P = 80.39 W PF = 0.9860

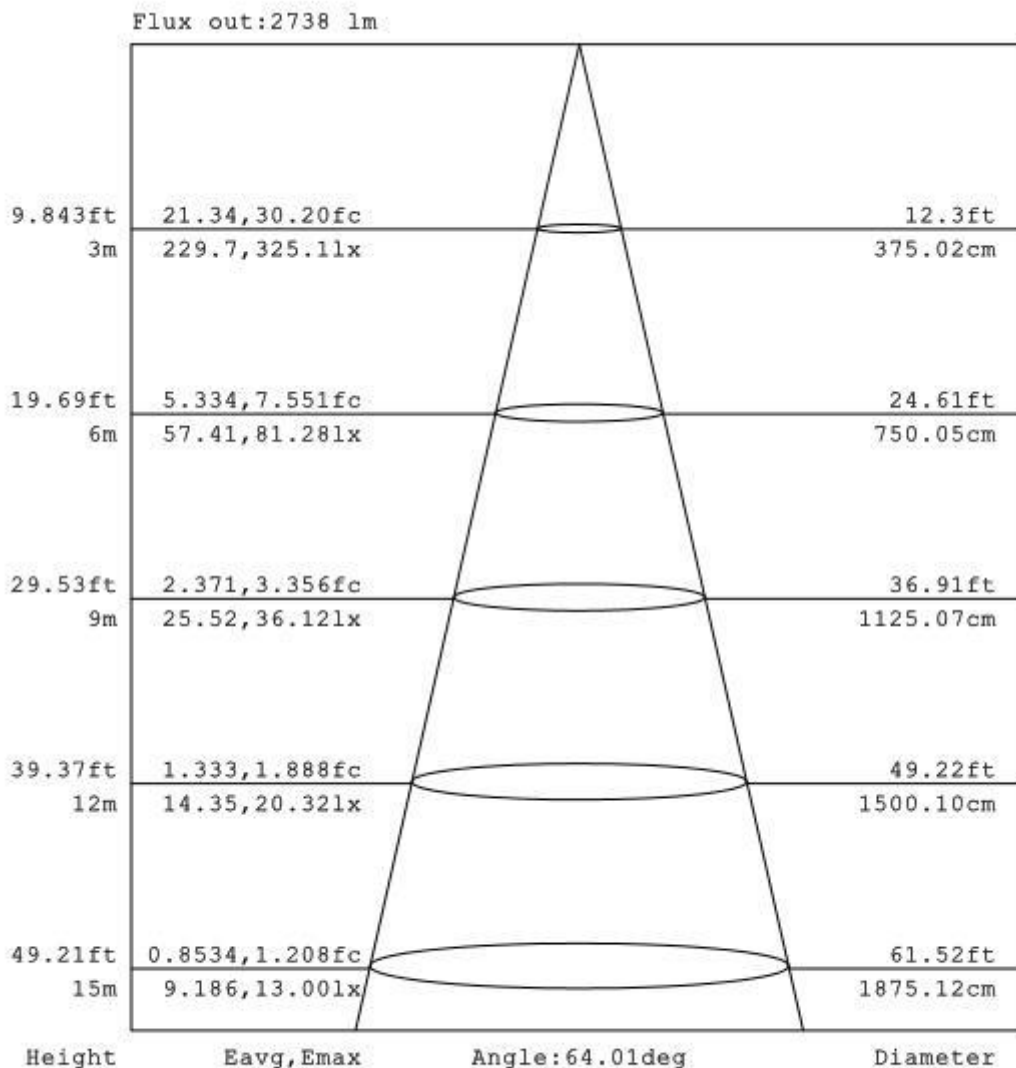
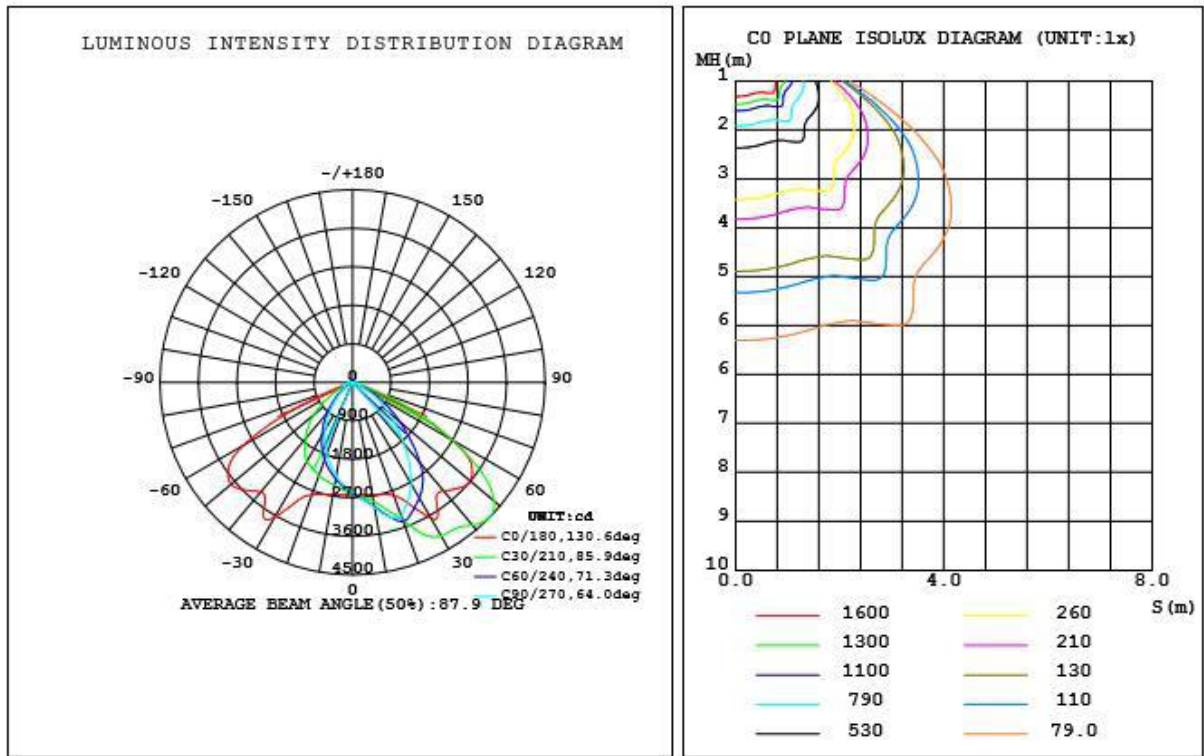
WHITE:ANSI_5700K

Status: Integral T = 10 ms $I_p = 5969$ (9%)

Model:
Tester:
Temperature:25.3Deg
Manufacturer:SANTREE

Number:13
Date:2016-10-13
Humidity:65.0%
Remarks:1

80W AC220V 70*120° Beam Angle Distribution Test:



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.