

120W 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

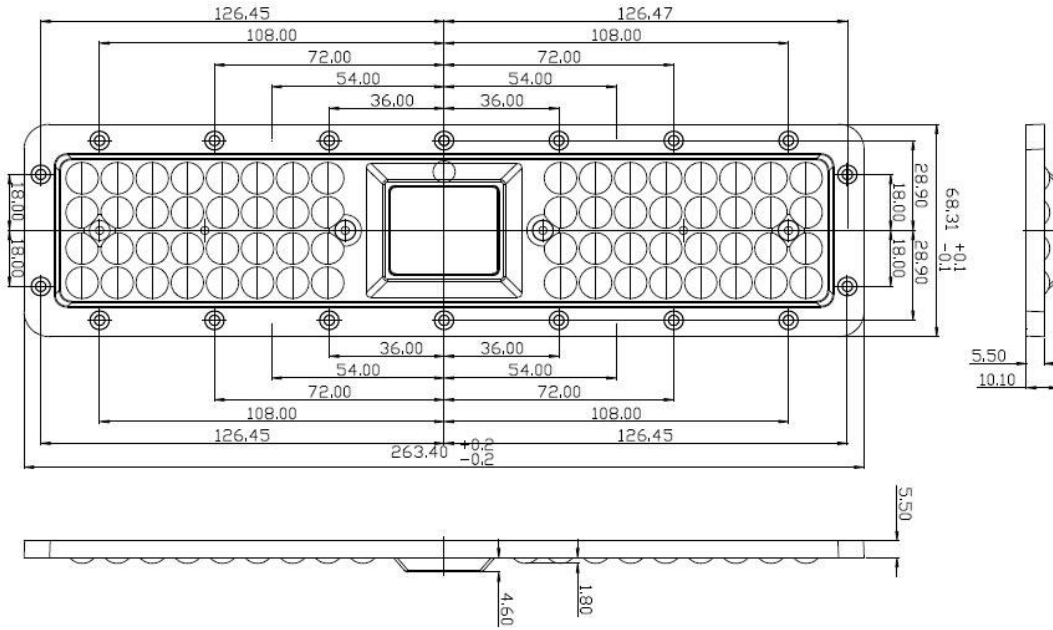
Light Source:	BridgeluxSMD 3030 64pcs*3(3 modules)		
Rated Power(W):	120W±5% @230VAC		
Input Voltage(V):	200-265VAC		
PF:	0.98		
Led Driver:	AC linear		
Surge Protection:	10KV Surge Protection(External SPD)		
Luminous(lm):	100lm/W±5%		
CCT(K):	WW 3000K	NW 4000K	CW 6000K
CRI:	>80		
Beam Angle:	70*120°		
Material:	Aluminum +PC Diffusion Cover		
Lifespan(H)	>30,000		
Operation Temp.	-33°C-55°C		
Weight	1.8kgs		
Dimension(mm):	271*480*75mm		

Product Application:

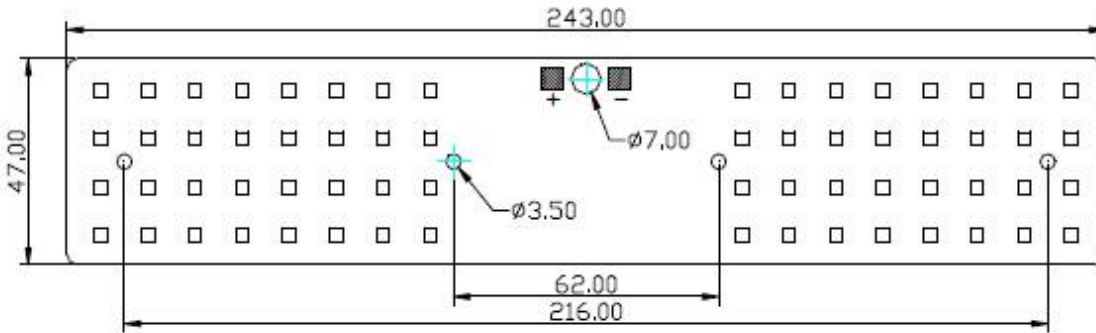
Road Way Lighting, Street Lighting, Residential Areas, Industrial States etc..



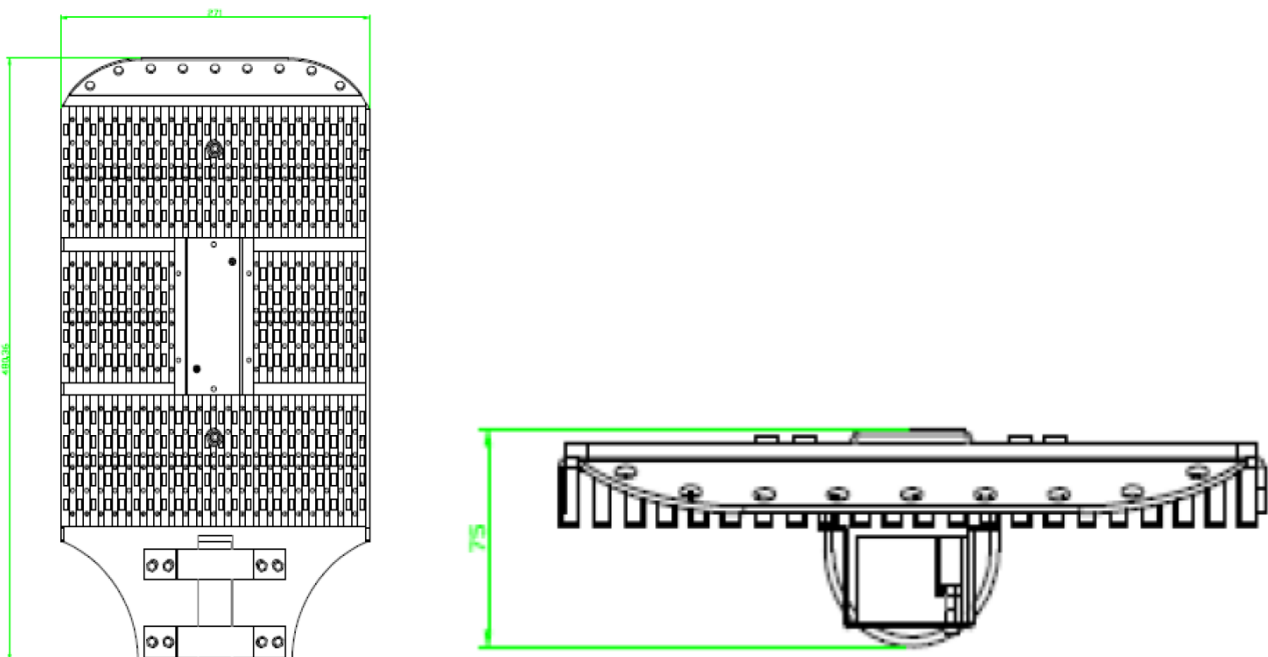
Lens Dimension



PCB Dimension



Heat sink Dimension



Please enlarge picture for details !

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

PCB Light Board



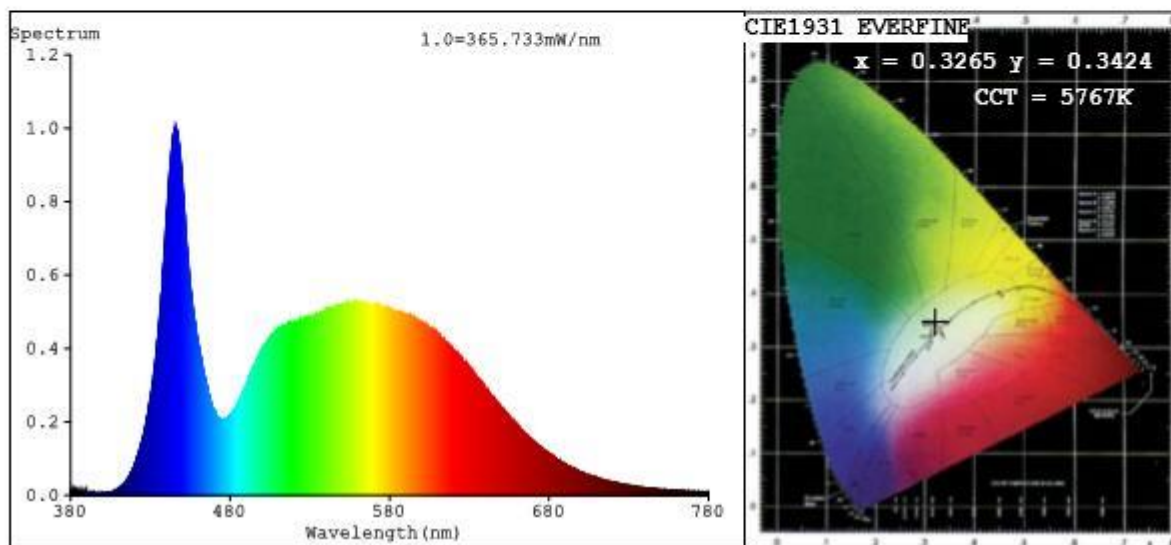
60 Degree Lens Cover



Aluminum Heat Sink



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3265$ $y=0.3424$ $u'=0.2023$ $v'=0.4773$

CCT=5767K(Duv=0.0034) Dominant WL:Ld =510.1nm Purity=2.2%

Ratio:R=14.4% G=80.8% B=4.9% Peak WL:Lp=445.9nm FWHM=20.8nm

Render Index:Ra=83.0

R1 =82 R2 =85 R3 =89 R4 =85 R5 =83 R6 =81 R7 =87

R8 =72 R9 =14 R10=66 R11=85 R12=67 R13=82 R14=94 R15=77

Photo Parameters:

Flux = 12342 lm Eff. : 101.26 lm/W Fe = 39.70 W

Electrical parameters:

V = 220.78 V I = 0.5596 A P = 121.9 W PF = 0.9865

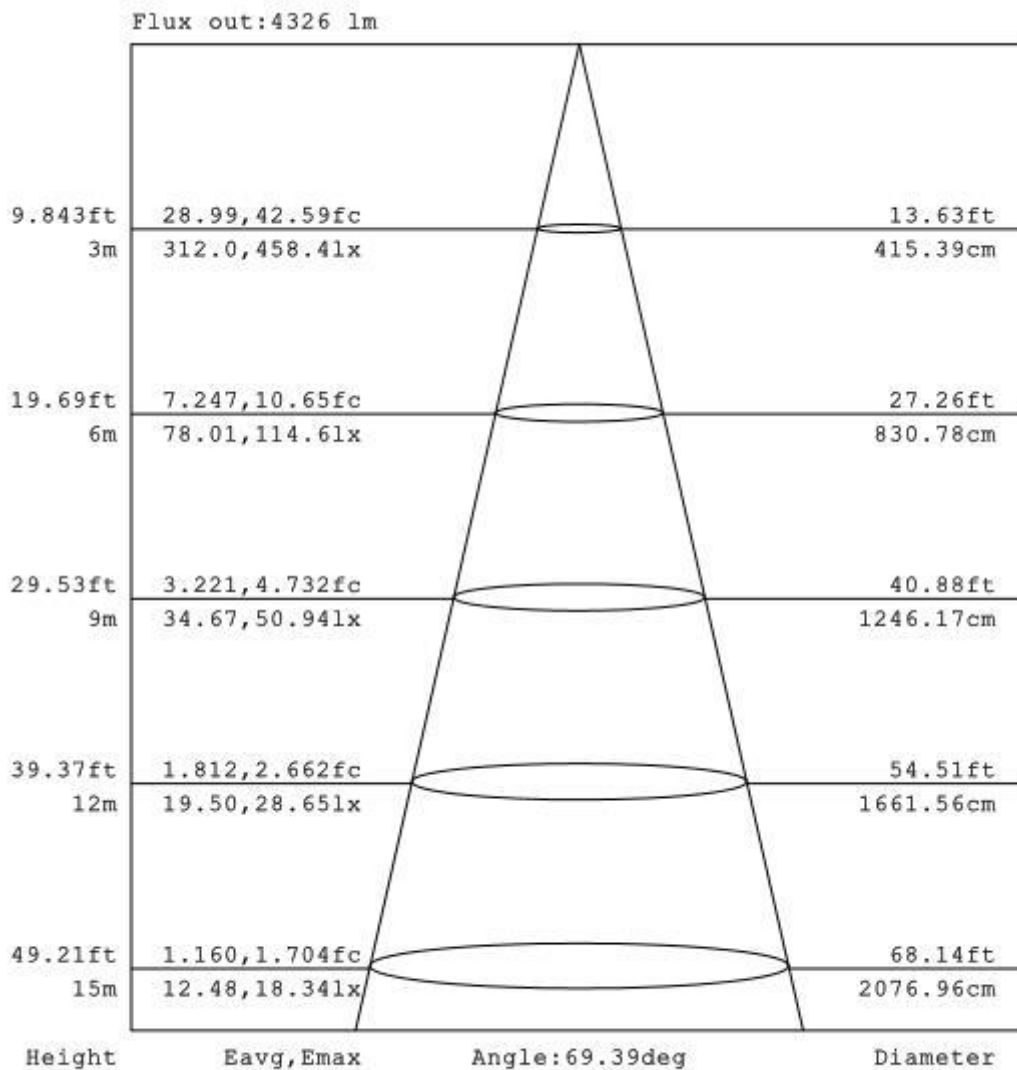
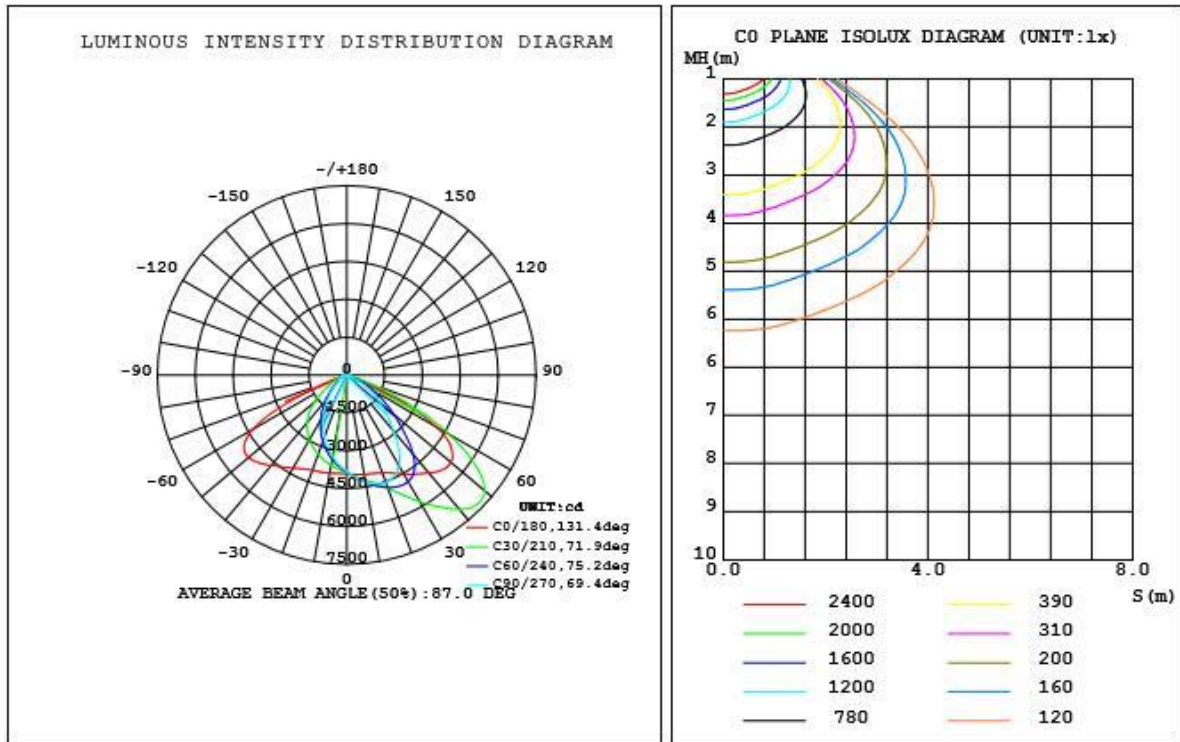
WHITE:ANSI_5700K

Status: Integral T = 10 ms Ip = 8647 (13%)

Model:
Tester:
Temperature:25.3Deg
Manufacturer:SANTREE

Number:4
Date:2016-10-13
Humidity:65.0%
Remarks:1

120W 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.