

Data sheet

Model No.	TST-NANO09-20W
Power	18W
Voltage	85 : 265 V
Frequency	50 Hz
Power Factor	> 97%
Luminous Efficiency	100:110 LM/W
LED Type	SMD2835
Protection	IP 20
Color Temp.	3000-3500K
	4000-4500K
	6000-6500K
Life span	30000 Hrs
size	1200mm



Spectrum Test Report

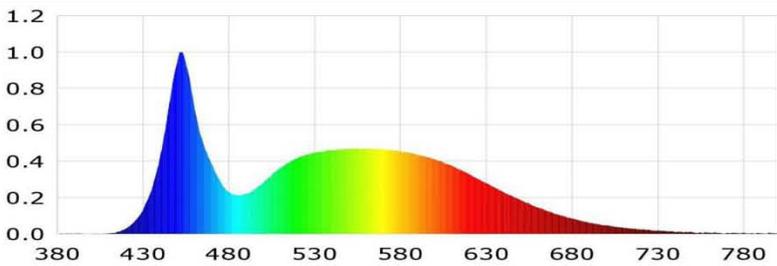
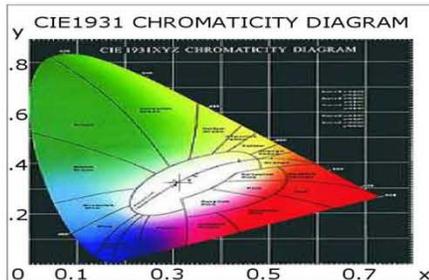
Product Information

Product Category: 18w
Product Number: 33

Product Type: TST-NANO09 -: 18w

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3142$ $y=0.3285$ $u(u')=0.1991$ $v=0.3122$ $v'=0.4683$
 CCT: $T_c=6430K$ ($duv=0.00218$)
 Peak Wavelength: 452nm
 Dominant Wavelength: 489.4nm
 CRI: R_i : $R_a=81$
 $R_1=84$ $R_2=85$ $R_3=82$ $R_4=89$ $R_5=83$ $R_6=77$ $R_7=92$ $R_8=80$
 $R_9=26$ $R_{10}=60$ $R_{11}=88$ $R_{12}=47$ $R_{13}=84$ $R_{14}=90$ $R_{15}=83$



Photometric Parameters

Luminous Flux: 2070.3 Lm Efficiency: 103 Lm/w Radiant Power: 5.474 W

Electric Parameters

Voltage: 219.70V Current: 0.0920A Power: 20.1
 Power Factor: 0.982 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm
 Stabilization Time: 0 ms
 Max of Signal: 44044 (4595)

Photometric Method:
 Photometric Condition: Sphere diameter: 1.00m, 4π
 CCD Integration Time: 101.54 ms