

Data sheet

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|---------------------|-----------------|
| Model No. | TST-TGS023-250W |
| Power | 250W |
| Voltage | 85 : 265 V |
| Frequency | 50 Hz |
| Power Factor | ≥ 98% |
| Luminous Efficiency | 130:140 LM/W |
| LED Type | SMD5630/SAMSUNG |
| Number of chips | 600PCS |
| Protection | IP 66 |
| Color Temp. | 6000-6500K |
| Life span | 50000 Hrs |
| CRI | ≥ 80 |
| Dimension (mm) | 530*320*190mm |



Powered by
SAMSUNG
LED Chips inside

Spectrum Test Report

Product Information

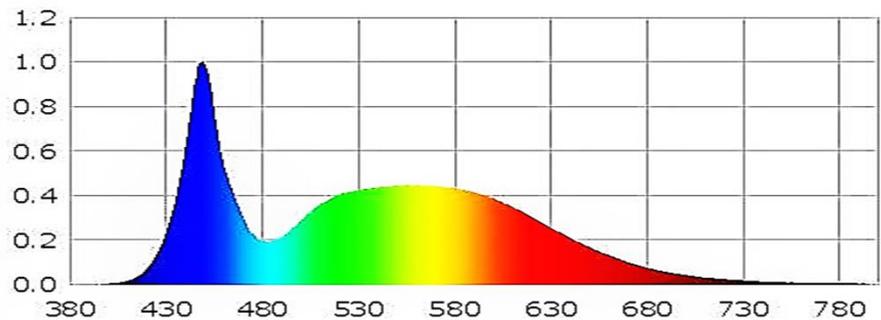
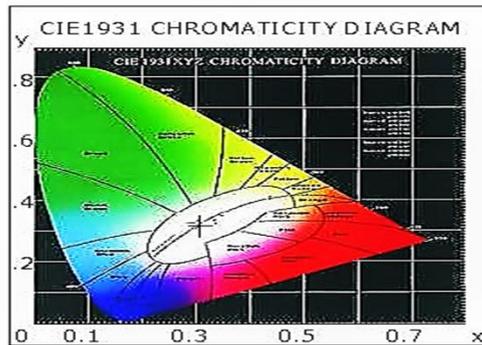
Product Category: TRUST LED FLOOD LIGHT 250W
Model : TST-TGS023-250W - SMD5630/SAMSUNG

Product Number: 31

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3085$ $y=0.3191$ $u(u')=0.1986$ $v=0.3082$ $v'=0.4623$
CCT: $T_c=6840K$ ($duv=0.00025$) Color Ratio: $R=0.131$ $G=0.816$ $B=0.052$
Peak Wavelength: 449nm Half Bandwidth: 22.7nm
Dominant Wavelength: 494.4nm Color Purity: 0.096

CRI: R_i : $R_a=82.6$
 $R_1=84$ $R_2=82$ $R_3=78$ $R_4=90$ $R_5=84$ $R_6=74$ $R_7=89$ $R_8=80$
 $R_9=24$ $R_{10}=55$ $R_{11}=90$ $R_{12}=51$ $R_{13}=82$ $R_{14}=87$ $R_{15}=83$



Photometric Parameters

Luminous Flux: 33667.14 lm Efficiency: 132.6 lm/W Radiant Power: 93.482 W

Electric Parameters

Voltage: 219.00V Current: 1.1410A Power: 253.90W
Power Factor: 0.9880 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm: 1nm
Stabilization Time: 0 ms
Max of Signal: 49872 (4453)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 20.08 ms

