

## Data sheet

Model No.	TST-TGS024-400W
Power	400W
Voltage	85 : 265 V
Frequency	50 Hz
Power Factor	≥ 98%
Luminous Efficiency	130:140 LM/W
LED Type	SMD5630/SAMSUNG
Number of chips	960PCS
Protection	IP 66
Color Temp.	6000-6500K
Life span	50000 Hrs
CRI	≥ 80
Dimension (mm)	670*320*200mm



Powered by  
**SAMSUNG**  
LED Chips inside

## Spectrum Test Report

### Product Information

Product Category: TRUST LED Flood Light 400W  
Model: TST-TGS024-400W - SMD5630/SAMSUNG

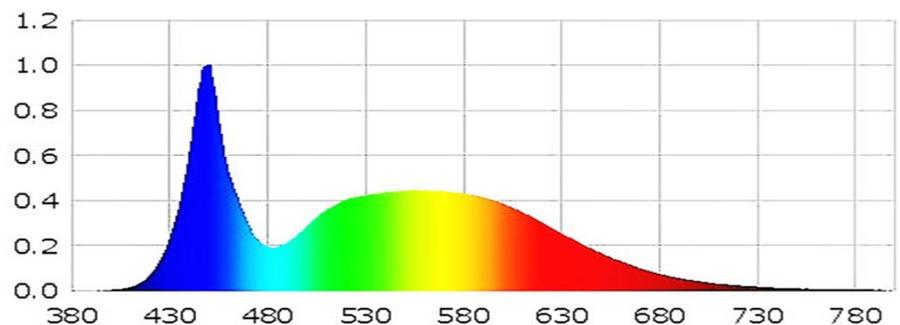
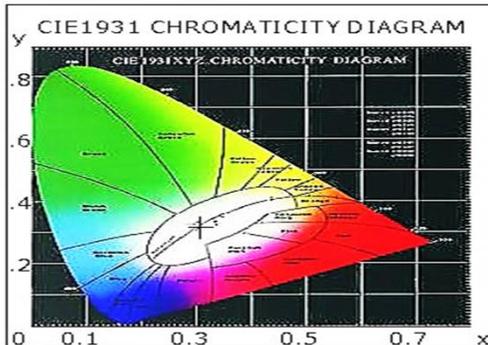
Product Number: 40

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3085$   $y=0.3191$   $u(u')=0.1986$   $v=0.3082$   $v'=0.4623$   
CCT:  $T_c=6610K$  ( $duv=0.00025$ )  
Peak Wavelength: 449nm  
Dominant Wavelength: 494.4nm  
Color Ratio:  $R=0.131$   $G=0.816$   $B=0.052$   
Half Bandwidth: 22.7nm  
Color Purity: 0.095

CRI:  $R_i$ :  $R_a=81.8$

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



### Photometric Parameters

Luminous Flux: 53230.66 lm

Efficiency: 130.82 lm/W

Radiant Power: 149.93 W

### Electric Parameters

Voltage: 219.00V

Current: 1.8010A

Power: 406.90W

Power Factor: 0.9830

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

