



Características	
Modelo	TU-PLS-18W-OP
Categoría	Tubos T8 LED Tecnoled Plus
Material	AL+PC
Terminado	ALUMINIO NAT.
Pantalla	0
Indice de Protección [IP]	IP20
Base	N/A
Dimensiones mm	1215*26 mm
Lúmenes	1800 Lm
Temperatura	6000k
Parametros Eléctricos	
Tensión Nominal [V~]	85-265 V~
Consumo de Potencia [W]	18W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.21A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	3 Año de Garantía
Certificación	NOM

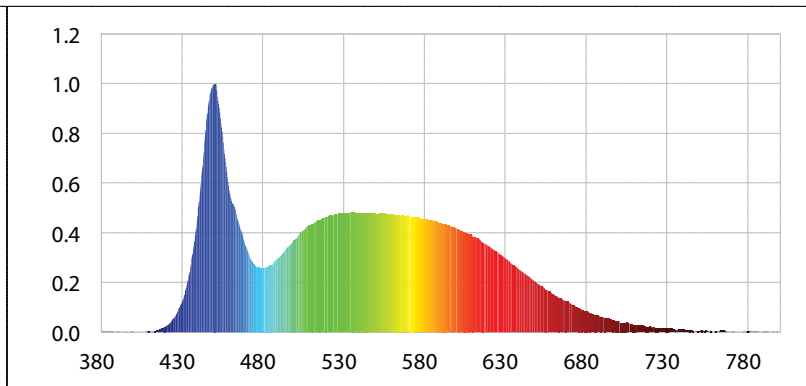
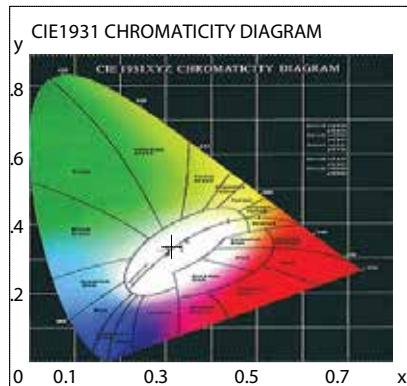
**Product Infomation**

Product Type: TU-PLS-18W-OP  
Product Spec: 18 W

Product Number: 132

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3141$   $y=0.3375$   $u(u')=0.1956$   $v=0.3153$   $v'=0.4730$   
 CCT:  $T_c=6376K$  ( $duv=0.00681$ )      Color Ratio:  $R=0.135$   $G=0.808$   $B=0.056$   
 Peak Wavelength: 450.5nm      Half Bandwidth: 22.6nm  
 Dominant Wavelength: 494.5nm      Color Purity: 0.062  
 CRI:  $R_a=84.3$ ,  $avgR(1\sim14)=77.3$ ,  $avgR(1\sim15)=77.3$       TM30:  $R_f=83$ ,  $R_g=95$   
 $R1=82$      $R2=88$      $R3=92$      $R4=84$      $R5=83$      $R6=84$      $R7=89$      $R8=72$   
 $R9=12$      $R10=72$      $R11=84$      $R12=61$      $R13=84$      $R14=96$      $R15=77$   
 Color Quality Scale:  $Q_a=84.0$ ,  $Q_f=84.1$ ,  $Q_p=83.9$ ,  $Q_g=92.1$   
 $Q1=85$      $Q2=99$      $Q3=81$      $Q4=77$      $Q5=83$      $Q6=85$      $Q7=87$      $Q8=91$   
 $Q9=97$      $Q10=89$      $Q11=86$      $Q12=86$      $Q13=85$      $Q14=73$      $Q15=78$



**Photometric Parameters**

Luminous Flux: 1849.53 lm      Efficiency: 100.79 lm/W      Radiant Power: 5.918 W  
 EEI: 0.14      Energy Efficiency Class: A+ (EU 874-2012)  
 Pupil Flux: 3486.74 Plm      Pupil Lumens Per Watt: 190.01 Plm/W      Pupil Factor (Kp): 1.885

**Electric Parameters**

Voltage: 127.00V      Current: 0.1510A      Power: 18.35W  
 Power Factor: 0.9550      Frequency: 60.00Hz

**Test Infomation**

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Min  
 Max of Signal: 45628 (3050)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 581.56 ms