



Características	
Modelo	SO-LD20W
Categoría	Luminaria Para Vialidad y Suburbana c/Panel
Material	0
Terminado	GRIS
Pantalla	0
Indice de Protección [IP]	0
Base	N/A
Dimensiones mm	410*220*70 mm
Lúmenes	900Lm
Temperatura	6500K
Parametros Eléctricos	
Tensión Nominal [V~]	3.2Vcd
Consumo de Potencia [W]	20W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.22A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	2 Años de Garantía
Certificación	

Product Type: SO-LD20W

Product Number: 15

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3129$   $y=0.3273$   $u(u')=0.1986$   $v=0.3116$   $v'=0.4674$

CCT:  $T_c=6506K$  ( $duv=0.00220$ )

Peak Wavelength: 446.3nm

Dominant Wavelength: 487.8nm

CRI:  $R_a=73.5$ ,  $avgR(1\sim14)=63.8$ ,  $avgR(1\sim15)=64.1$  TM30:  $R_f=70$ ,  $R_g=96$

$R_1=73$   $R_2=75$   $R_3=76$   $R_4=76$   $R_5=75$   $R_6=68$   $R_7=80$   $R_8=65$

$R_9=-16$   $R_{10}=41$   $R_{11}=76$   $R_{12}=45$   $R_{13}=73$   $R_{14}=86$   $R_{15}=69$

Color Quality Scale:  $Q_a=73.3$ ,  $Q_f=71.6$ ,  $Q_p=77.7$ ,  $Q_g=92.1$

$Q_1=83$   $Q_2=92$   $Q_3=64$   $Q_4=61$   $Q_5=73$   $Q_6=76$   $Q_7=79$   $Q_8=89$

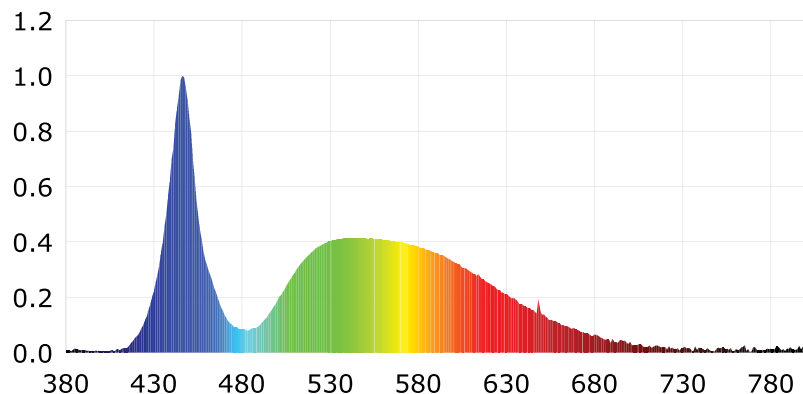
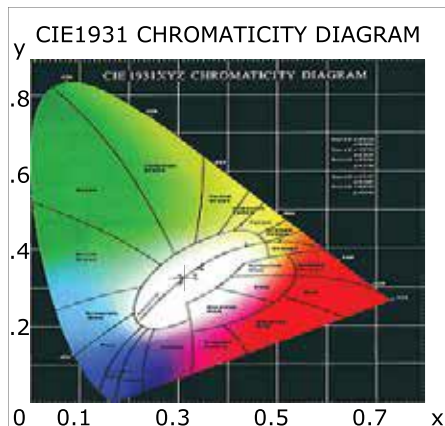
$Q_9=88$   $Q_{10}=72$   $Q_{11}=68$   $Q_{12}=70$   $Q_{13}=74$   $Q_{14}=63$   $Q_{15}=71$

Product Spec: 20W

Color Ratio:  $R=0.125$   $G=0.837$   $B=0.037$

Half Bandwidth: 18.0nm

Color Purity: 0.073



### Photometric Parameters

Luminous Flux: 921.62 lm

EEI: 0.00

Pupil Flux: 1603.13 Plm

Efficiency: 0.00 lm/W

Energy Efficiency Class: A++ (EU 874-2012)

Pupil Lumens Per Watt: 0.00 Plm/W

Radiant Power: 2.912 W

Pupil Factor (Kp): 1.739

### Electric Parameters

Voltage: 0.00V

Power Factor: 0.0000

Current: 0.0000A

Frequency: 0.00Hz

Power: 0.00W

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 44653 (4911)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 2035.57 ms