

## SO-ECH 100W

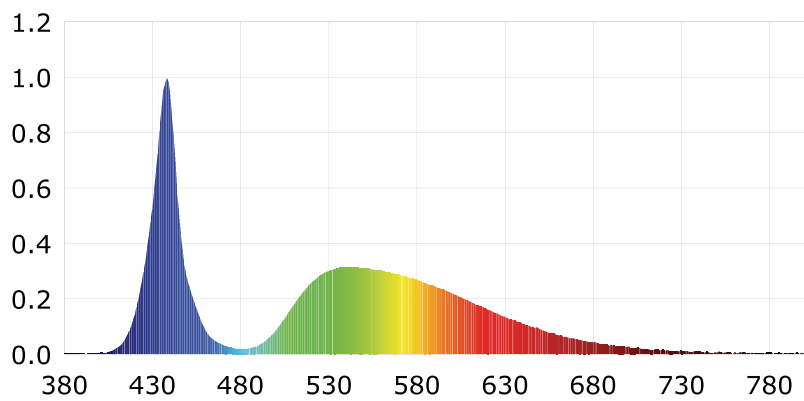
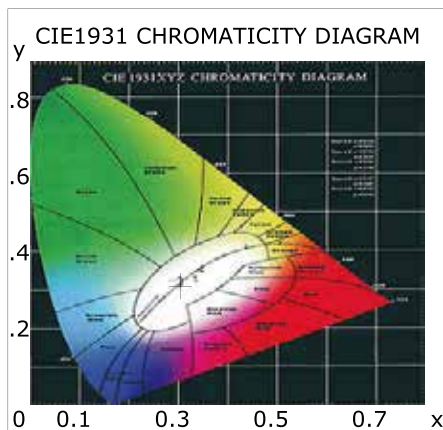
**NOM**

### Características

Categoría Luminaria Para Vialidad y Suburbana Panel Externo  
Terminado ALUMINIO  
Dimensiones 625\*260\*90 mm  
Lúmenes 2700Lm  
Temperatura 6500K

### Parámetros Eléctricos

Tensión Nominal [V~] 6.4Vcd  
Consumo de Potencia [W] 100W  
Frecuencia Nominal [Hz] 50/60Hz  
Consumo de Corriente [A] 0  
Temperatura de Operación 0 - 40 °C



### Product Information

Product Type: SO-ECH-100W Product Spec: 100W  
Product Number: 40

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3050$   $y=0.3095$   
 $u(u')=0.1998$   $v=0.3042$   $v'=0.4564$  CCT:  $T_c=7192K$   
( $duv=-0.00298$ )

Color Ratio:  $R=0.117$   $G=0.858$   $B=0.025$

Peak Wavelength: 438.1nm Half Bandwidth: 15.8nm

Dominant Wavelength: 479.8nm Color Purity: 0.117

CRI:  $R_a=63.6$ ,  $ang(1\sim14)=53.1$ ,  $ang(1\sim15)=53.7$

TM30:  $R_f=55$ ,  $R_g=98$   $R_1=69$   $R_2=64$   $R_3=58$   $R_4=65$   $R_5=70$

$R_6=56$   $R_7=67$   $R_8=61$   $R_9=-26$   $R_{10}=13$   $R_{11}=71$   $R_{12}=37$   $R_{13}=64$

$R_{14}=76$   $R_{15}=63$

### Color Quality Scale:

$Q_a=65.8$ ,  $Q_f=61.3$ ,  $Q_p=76.8$ ,  $Q_g=93.2$

$Q_1=81$   $Q_2=84$   $Q_3=55$   $Q_4=54$   $Q_5=68$   $Q_6=70$   $Q_7=74$   $Q_8=90$

$Q_9=78$   $Q_{10}=58$   $Q_{11}=53$   $Q_{12}=58$   $Q_{13}=66$   $Q_{14}=58$   $Q_{15}=68$

y CIE1931

### Photometric Parameters

Luminous Flux: 2671.59 Lm Efficiency: 0.00 lm/W

Radiant Power: 8.814 W

EEL: 0.00 Energy Efficiency Class: A++ (EU 874-2012)

Pupil Flux: 4418.18 le

Pupil Lumens Per Watt: 0.00 le/W

Pupil Factor ( $K_p$ ): 1.654

### Electric Parameters

Voltage: 0.00V Current: 0.0000A

Power: 475.50W Power Factor: 0.0000

Frequency: 0.00HZ

### Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Min

Max of Signal: 39842 (3169)

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 400.00 ms

BOTÓN	ON	OFF	1	2	3	4	5
FUNCIÓN	PRENDIDO	APAGADO	100% 3hrs	100% 3hrs	100% 4hrs	100% 4hrs	20% 12hrs
			60% 3 hrs	60% 3 hrs	60% 2 hrs		
			20% 2 hrs	35% 2 hrs	20% 2 hrs		



Garantía del luminario, panel y batería: 2 años  
Vida útil de la batería: 3 años  
Vida útil del luminario: + 5 años  
Vida útil del panel solar: + 5 años