

# Specification Sheet

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Model name / **SJ9**

Product description / **Street Light**

Revision / **3A**

Issues date / **2013/3/5**

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## 1. Image



## 2. Specifications

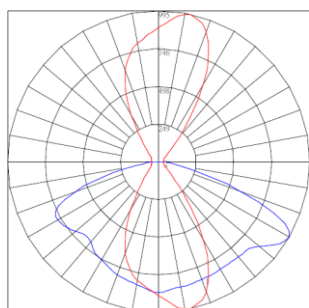
<b>Product number</b>	SJ9 HGS-□□□□7-00D1-09
<b>Input voltage</b>	90 ~ 305 Vac (47~63 Hz)
<b>Power factor</b>	> 0.9
<b>LED brand</b>	CREE / Philips Lumileds
<b>Color temperature</b>	Neutral(4000K) / Cool(5000K)
<b>CRI</b>	75
<b>Luminous output (initial)</b>	7,800 lm
<b>Power consumption</b>	78 W
<b>Luminaires efficacy (initial)</b>	100 lm/W
<b>Light distribution</b>	TYPE I / TYPE II / TYPE III
<b>Dimension</b>	864 x 375 x 174 mm
<b>Weight</b>	10.7 kg
<b>Operating temperature</b>	-40 ~ +50°C
<b>Support dimming function</b>	Optional (1-10V)
<b>Surge protection</b>	10KV/10KA (IEEE/ANSI C62.41.2 complied)
<b>IP protection</b>	IP65
<b>Mounting pole</b>	Outside diameter 60mm & 76mm

- ❖ Luminous flux measurement initial is at 25°C
- ❖ Luminous flux and power consumption measurement allowance is  $\pm 10\%$
- ❖ CRI allowance is  $\pm 5$
- ❖ Dimension allowance is  $\pm 5\text{mm}$
- ❖ Weight allowance is  $\pm 0.5\text{kg}$

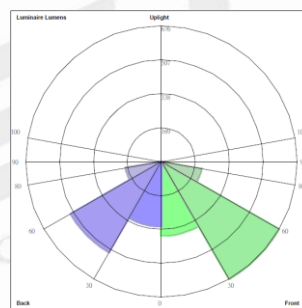
### 3. Optical data

#### TYPE I

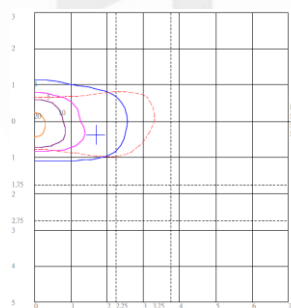
Polar graph



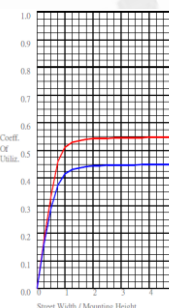
Luminaire classification system graph



ISO foot candle lines of horizontal illuminance

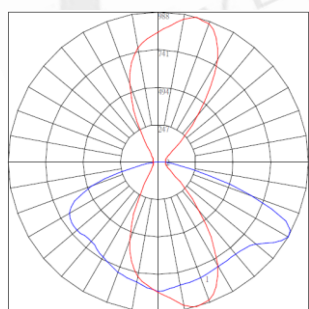


Coefficients of utilization

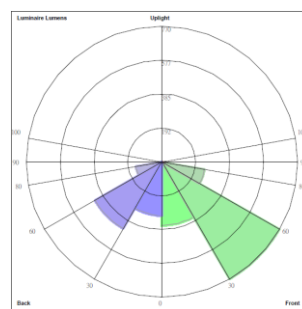


#### TYPE II (TYPE I tilt 5°)

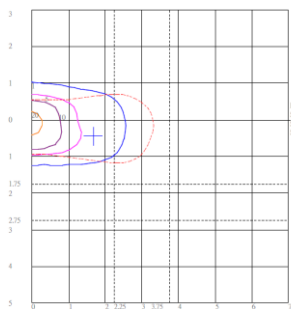
Polar graph



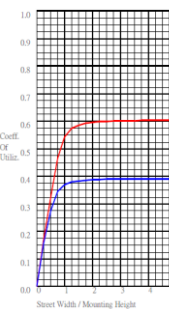
Luminaire classification system graph



ISO foot candle lines of horizontal illuminance

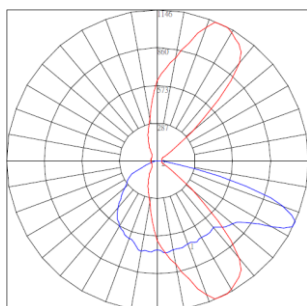


Coefficients of utilization

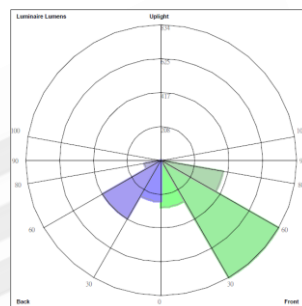


## TYPE III

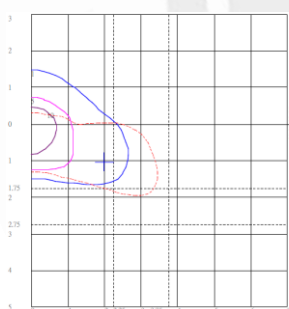
Polar graph



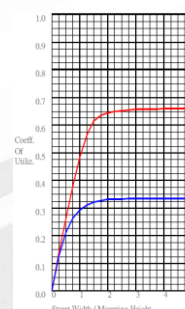
Luminaire classification system graph



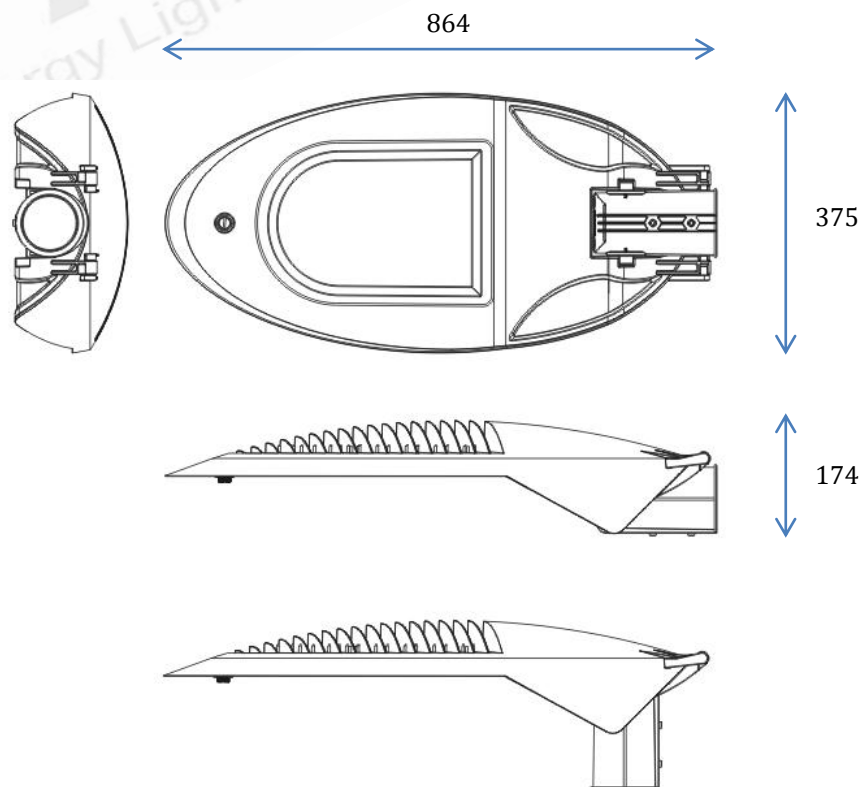
ISO foot candle lines of horizontal illuminance



Coefficients of utilization



## 4. Dimension



(mm)

## 5. Packing information

Dimension	988 x 428 x 245 mm
Weight	12.7 kg

## 6. Attention

1. Always ensure power supply is disconnected before and during installation, maintenance, lamp replacement and accessory fitting.
2. Please ensure the fixture in well grounding.
3. Please prevent to use in sulfide and chloride environment.
4. Do not stare at operating light source directly in 1 meter.
5. Please ensure the wire is connected to the right pole.  
[ Brown : AC/L ; Blue : AC/N ; Green/Yellow : Grounding]

## 7. Exemption clause

1. This warranty applies only to the repair or replacement of the product and only when the product is properly handled.
2. This warranty excludes defects resulting from vandalism or unauthorized modification.
3. This warranty excludes defects resulting from improper power supply.
4. This warranty excludes defects resulting from improper wiring.
5. This warranty excludes defects resulting from installation, module replacement with power on.
6. This warranty excludes defects resulting from improper power surges.
7. This warranty excludes defects resulting from acts of God.
8. This warranty excludes defects resulting from special installation like boat or vehicles use (Except specified model).
9. This warranty excludes defects resulting from installation outside set ambient temperature.
10. This warranty excludes defects resulting from corrosive environment (Chloride, Sulfide) installations.
11. This warranty excludes defects resulting from wet location installation without proper waterproof connectors.
12. This warranty excludes defects resulting from underwater usage.
13. This warranty excludes defects resulting from visible steam inside LED module by climate change.

## 8. Order number rule

XX	X-	X	X	XX	X-	XX	X	X-	XX
Company	Category	LED brand	CCT	Optic	Voltage	Socket	Module current	Control	series
<b>Company</b>				<b>Optic</b>					
HG				T1					
				T2					
				T3					
<b>Category</b>				<b>Voltage</b>					
S				7					
				100~277 Vac					
<b>LED brand</b>				<b>Socket</b>					
C				00					
				pigtail					
L				<b>Module current</b>					
				D					
				700mA					
<b>CCT</b>				<b>Control</b>					
C				1					
				Non-dimming					
N				V					
				1-10V dimming					
W									