

SL-Victory (CNS) Street Lighting datasheet



Features

- Easily upgradeable to higher performance light engine
- Special batwing and asymmetrical light patterns
- Optimized heat management system
- Power efficiency ~90% @220VAC(full load)
- IP 65 for light engine & power supply unit
- CCT: Typical middle CCT & low CCT
- 100V-277V AC input
- Power factor ~95% @220VAC
- Operation temperature: -30°C~+50°C
- NO UV or IR light radiation

Applications

- Street Lighting
- Architectural Lighting
- Parking Lot Lighting
- Residential Street Lighting
- Walkway Lighting
- Public Safety Illumination

Coding of Product Number

SL – Victory / 100277AC / EOS 101 ECA(CNS)O

	1	2	3	4	5	6
1. Product Series	SL: Solid state lighting					
2. Lighting Module Type	Victory: Victory street light series					
3. Input Voltage	100277AC:100~277AC, 50/60 Hz					
4. Light Engine Type	EOS : SL-EOS					
5. LED Light Engine Option series No.	28:28W		50:50W		70:70W	101:101W
6. Internal Code						

Product Family

Luminaire Power Consumption	Typ. Luminaire Luminous Flux/Efficacy	Color Temperature	CRI	Order Code
101W	14140 lm, 140 lm/W	5000K	70	SL-Victory/100277AC/EOS101ECA(CNS)O
101W	13130 lm, 130 lm/W	3000K	70	SL-Victory/100277AC/EOS101ECS(CNS)O
70W	9800 lm, 140 lm/W	5000K	70	SL-Victory/100277AC/EOS70ECA(CNS)O
70W	9100 lm, 130 lm/W	3000K	70	SL-Victory/100277AC/EOS70ECS(CNS)O
50W	7000 lm, 140 lm/W	5000K	70	SL-Victory/100277AC/EOS50ECA(CNS)O
50W	6500 lm, 130 lm/W	3000K	70	SL-Victory/100277AC/EOS50ECS(CNS)O
28W	3640 lm, 130 lm/W	5000K	70	SL-Victory/100277AC/EOS28ABA(CNS)O

Note:

1. The light output of luminaire is measured under 220VAC operation. There is $\pm 10\%$ measurement tolerance on both luminaire power consumption and Luminous flux.
2. The CRI of luminaire is measured under 220VAC operation. There is ± 5 measurement tolerance on

Product Specification

Parameter	Description
Light Source	High Power LED
Optical Lens	PMMA Optical Lens ¹
Optical Design	Special Batwing and Asymmetrical Light Patterns
Correlated Color Temperature	ANSI 5000K, 3000K
Housing	Aluminum with Anti Weathering Plastics(Block)
Power Input	100~277 VAC Input
Installation Tube Diameter (OD ²)	Max 65 mm (2.56")
Weight ³	~3 Kg (~6.6lbs) with Power Supply Unit
IP Rating	IP 65 for Light Engine& Power Supply

Note:

1. PMMA optical Lens can not be cleaned by organic or acidic solvent. Lens damage caused by organic or acidic solvent may lead to decrease of light output.
2. OD: Outer diameter
3. The max. weight could have +/- 10% manufacturing variance

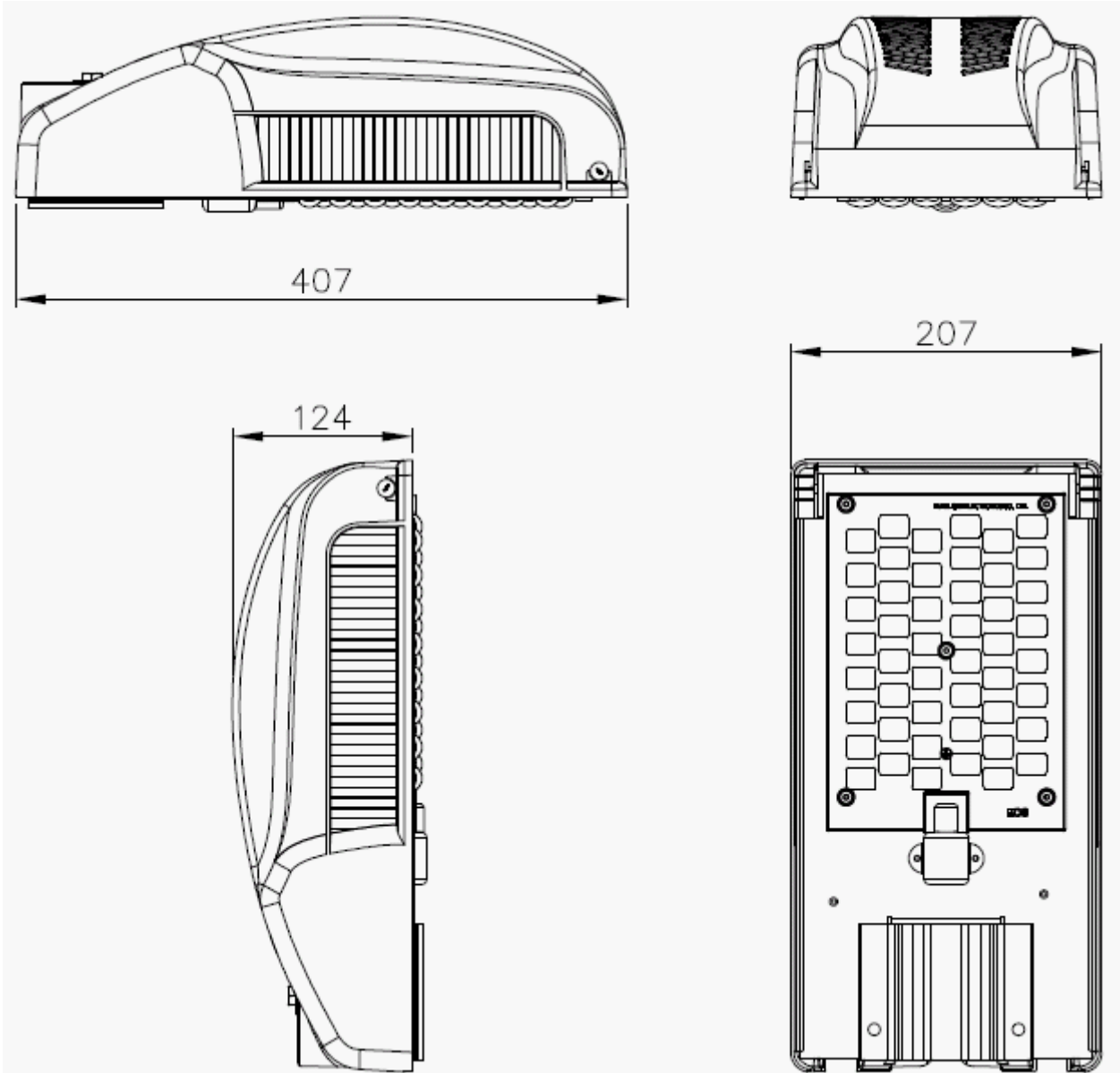
Electro-Optical-Thermal Characteristics (T_{Ambient}=25°C)

Parameter	Symbol	Property Unit	Unit
Total Power Consumption	W	~28 ~50 ~70 ~101	Watt
Fixture Temperature ¹	T _f	~35 ~40 ~45 ~50	°C
Input Voltage (AC)	VAC	100~277	V
Operating Temperature	T _a	-30~+50	°C
Storage Temperature	T _{stg}	-30~+60	°C

Note:

- 1.The fixture temperature of SL-Victory series is measured under good natural convection, at T_a=25°C.

Product Dimension: 407 (L)X207(W)X124(H)mm



Note:

1. Dimensions are in millimeters
2. Tolerances unless otherwise mentioned is $\pm 5\%$

Everlight Victory Street Light Illumination Characteristics

<p>Intensity Distribution Curve</p>			
<p>Application</p>	<p>Type II S Asymmetric short for parking and road way applications</p>	<p>Type II S Asymmetric short for parking and road way applications</p>	<p>Type II Asymmetric short for parking and road way applications</p>
<p>Isolux</p>			

Notes:

- The iso lux plot is only a reference for light patterns.