

“VISTA” PERIMETER LIGHT (Model: SLCV)

FEATURES:

- High Efficiency (~100 lumens/W)
- Philips Lumileds LED
- Wide input voltage range (90-305VAC) for protection against voltage fluctuation
- 2.5kV surge protection for protection against transient voltage
- 40,000 hours design life



SPECIFICATIONS⁺:

Model	SLCV-300	SLCV-500
System Power	30W	50W
LED Chips/Packages	Philips Lumileds	
Color Temperature (CCT)	3000K, 4000K, 5000K, 5700K, 6500K (standard model)	
CRI	>80	
Luminous Flux (lumens)	3000	5000
Luminous Efficacy	100 lumens / W	
Input Voltage	90-305VAC	
Power Factor	>0.95	
Power Supply Efficiency	90%	
Surge Protection	2.5kV	
Beam Angle	40 x 95°	
Design Life	40,000 hours	
Housing Color	BLACK (FACE), GREY (BODY)	
Housing Material	Diecast Aluminum / Tempered Glass	
Lens Material	PMMA	
Ingress Protection	IP65	
Product Size	L49 x W55 x H21 mm	
Carton Size	L53 x W57 x H46 mm	
Net Weight	2.3kg	
Gross Weight	2.9kg	

⁺Product specifications are subject to changes without notice

REVISION: 8

Date: 2018.03.01

Title: CLARO “VISTA” PERIMETER LIGHT

Model: SLCV

SHEET No: 1 of 3

Version: 6.1

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PRODUCT PHOTOS:



ORDERING INFORMATION: e.g., SLCV-30065N

Series		Wattage		Color Temperature (CCT)		Dimming
SLCV	“VISTA” Perimeter Light	300	30W	30	3000K	N Non-dimmable D Dimmable
		500	50W	40	4000K	
				50	5000K	
				57	5700K	
				65	6500K	

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PHOTOMETRIC TEST RESULTS:

Filename: Claro Vista Street Light 30W SLCV-30060N v1.0

Manufacturer: Claro Research(ShenZhen) CO.,LTD

Luminaire: SLCV-30060N

Lamp: LED

Lamp Cat: SLCV-30060N

Lamp Output: Total luminaire Lumens: 2999.7

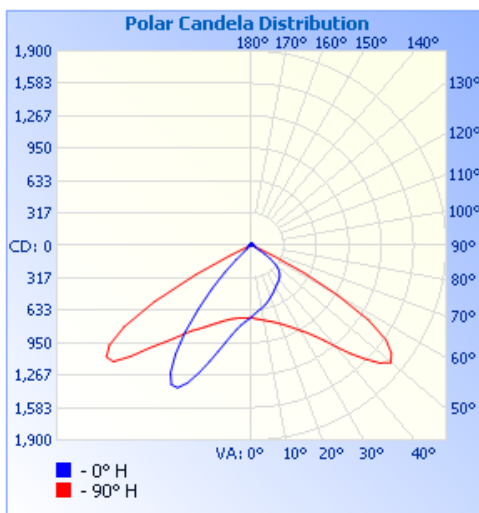
Max Candela: 1,852.6 at Horizontal: 135°, Vertical: 40°

Input Wattage: 29.8

Luminous Opening: Rectangle (L: 0.24M, W: 0.17M)

Photometry : Type C

Nema Type: 6 X 6

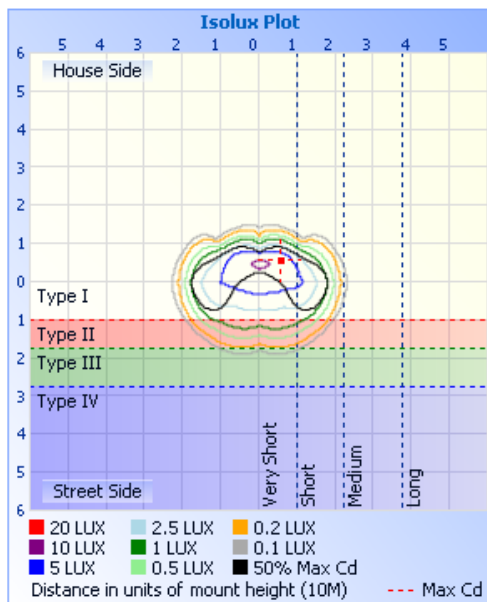


Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	TYPE I, VERY SHORT
Max Cd, 90 Deg Vert:	17.4
Max Cd, 80 to <90 Deg:	22.5
	Lumens % Lamp
Downward Street Side:	1,208.3 40.3%
Downward House Side:	1,673.8 55.8%
Downward Total:	2,882.1 96.1%
Upward Street Side:	58.8 2%
Upward House Side:	58.8 2%
Upward Total:	117.7 3.9%
Total Lumens:	2,999.8 100%

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	710.3	23.7%
0-40	1,369.1	45.6%
0-60	2,685.5	89.5%
60-90	196.5	6.6%
70-100	69.7	2.3%
90-120	54.9	1.8%
0-90	2,882.1	96.1%
90-180	117.7	3.9%
0-180	2,999.7	100%



Illuminance at a Distance

Distance	Center Beam LUX	Beam Width
1.67M	252 LUX	1.26 M 3.64 M
3.33M	63.0 LUX	2.52 M 7.29 M
5.00M	28.0 LUX	3.78 M 10.92 M
6.67M	15.8 LUX	5.04 M 14.57 M
8.33M	10.1 LUX	6.30 M 18.21 M
10.00M	7.00 LUX	7.56 M 21.85 M

■ Vert. Spread: 41.4°
■ Horiz. Spread: 95.1°