

“NOVUS” STREET LIGHT (Model: SLCN)

FEATURES:

- High Efficiency (~105 lumens/W)
- Philips Lumileds LED
- Wide input voltage range (90/100-305VAC) for protection against voltage fluctuation
- Up to 10kV surge protection for protection against transient voltage
- >50,000 hours design life



INVENTRONICS



SPECIFICATIONS⁺:

Model	SLCN-600	SLCN-1000	SLCN-1500	SLCN-2000
System Power	60W	100W	150W	200W
LED Chips/Packages	Philips Lumileds			
Color Temperature (CCT)	3000K, 4000K, 5000K, 5700K, 6500K (standard model)			
CRI	>80 Ra			
Luminous Flux	6300 lm	10500 lm	15750 lm	21000 lm
Luminous Efficacy	~105 lumens / W			
Input Voltage	100-305Vac or 90-305Vac			
Power Factor	>0.95			
Power Supply Efficiency	>90%			
Surge Protection	4kV (Line-Line); 6kV (Line-Earth), 6kV (Line-Line); 10kV (Line-Earth)			
Beam Angle	80 x 140°			
Design Life	>50,000 hours			
Housing Color	BLACK (FACE), GREY (BODY)			
Housing Material	Diecast Aluminum / Tempered Glass			
Lens Material	PMMA			
Ingress Protection	IP65			
Product Size	L480 x W215 x H65 mm	L580 x W250 x H70 mm	L690 x W300 x H72 mm	L780 x W300 x H75 mm
Net Weight	3.1kg	4.7kg	6.9kg	7.8kg

⁺Product specifications are subject to changes without notice

REVISION: 3

Title: CLARO “NOVUS” STREET LIGHT

Model: SLCN

SHEET No: 1 of 3

Date: 2017.08.12

Version: 1.2

“NOVUS” STREET LIGHT (Model: SLCN)

PRODUCT PHOTOS:



60W



100W



150W



ORDERING INFORMATION: e.g., SLCN-100065N

Series		Wattage		Color Temperature (CCT)		Dimming		CRI		Beam Angle	
SLCN	NOVUS	600	60W	30	3000K	N	Non-dimmable	80	80Ra	85x140	8x14
		1000	100W	40	4000K	D	Dimmable				
		1500	150W	50	5000K						
		2000	200W	57	5700K						
						65	6500K				

REVISION: 3

Date: 2017.08.12

Title: CLARO “NOVUS” STREET LIGHT

Model: SLCN

SHEET No: 2 of 3

Version: 1.2

“NOVUS” STREET LIGHT (Model: SLCN)

PHOTOMETRIC TEST RESULTS:

Filename: Claro NOVUS 100W Street Light v2.0b

Manufacturer: EPITAX PTE LTD

Luminaire: CLARO “NOVUS” 100W LED STREET LIGHT

Luminaire Cat: STREET LIGHT

Lamp Cat: LED

Lamp Output: 1 lamp, rated Lumens/lamp: 808

Max Candela: 211,001.3 at Horizontal: 90°, Vertical: 59°

Input Wattage: 99.7

Luminous Opening: Point

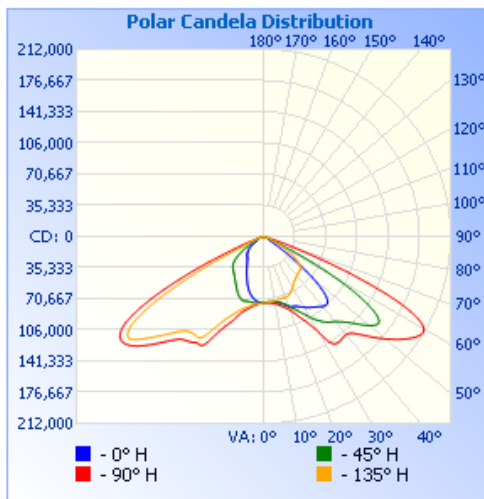
Test: 1

Test Date: 2016-5-24

Test Lab: EVERFINE

Photometry : Type C

Nema Type: 7 X 5



Roadway Summary

Cutoff Classification: NONCUTOFF

Distribution: TYPE II, SHORT

Max Cd, 90 Deg Vert: 411.7

Max Cd, 80 to <90 Deg: 3,467.8

	Lumens	% Lamp
Downward Street Side:	221,083.7	27361.8%
Downward House Side:	133,446.5	16515.7%
Downward Total:	354,530.2	43877.5%
Upward Street Side:	705.5	87.3%
Upward House Side:	812.4	100.5%
Upward Total:	1,517.9	187.9%
Total Lumens:	356,048.2	44065.4%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	69,961.3	8658.6%	19.7%
0-40	132,511.5	16399.9%	37.2%
0-60	306,975.8	37992%	86.2%
60-90	47,539.3	5883.6%	13.4%
70-100	7,107.5	879.6%	2%
90-120	1,005.4	124.4%	0.3%
0-90	354,515.0	43875.6%	99.6%
90-180	1,517.6	187.8%	0.4%
0-180	356,032.7	44063.5%	100%

