

LED Street light *ECO Series*

NEWVISION

CREE 

- Simple modular design
- Over 100,000 hours life expectancy
- 10 years manufacturer's warranty
- Modern one-piece design
- Up to seven module options
- Rated to IP66
- Designed to operate in temperatures up to 30°C



The New Vision Street Light ECO range is specifically designed for the European environment and to provide the highest possible specification at sensible prices.

Key Features:

Advanced Cree LED chips are used for their excellent performance and reliability to give 120 lumens per watt on the overall fixture performance.

Each LED module within the street light is manufactured with aluminium and designed to maximise surface area giving it excellent heat dissipation, durability and less weight. The aluminium finish is very smooth, reducing the likelihood of dirt / debris buildup.

The aluminium alloy outer casing is powdercoated in polyester TGIC to offer good mechanical and chemical resistance against corrosion and other adverse conditions.

A high performance driver is installed in an IP66 compartment to protect it from moisture ingress, it is also fully controllable and compatible with both DALI and 1-10V dimming systems. Driver also boasts a 90% efficiency, auto restart function as well as automatic dimming in over temperature situations.

Street Light - SEO series

Family : Weather Proof / Street Light / SEO



Technical Overview

Product Code	No. of Heads	Dimensions Length x Width x height	Chips		Lamp					
			CRI	Efficacy	Photometric		Electrical			
					Efficacy	Lumen	Input Voltage	Input current @ 240Vac	System Power	
SEO										
SEO-01028-740-S01	1	400 x 270 x 90mm	>70	180 lm/W	120 lm/W	3,360 lm	200-240 Vac (50/60Hz)	117 mA	28.0 W	
SEO-02056-740-S01	2	475 x 270 x 90mm	>70	180 lm/W	120 lm/W	6,720 lm		233 mA	56.0 W	
SEO-03084-740-S01	3	550 x 270 x 90mm	>70	180 lm/W	120 lm/W	10,080 lm		350 mA	84.0 W	
SEO-04112-740-S01	4	625 x 270 x 90mm	>70	180 lm/W	120 lm/W	13,440 lm		467 mA	112.0 W	
SEO-05140-740-S01	5	700 x 270 x 90mm	>70	180 lm/W	120 lm/W	16,800 lm		583 mA	140.0 W	
SEO-06168-740-S01	6	775 x 270 x 90mm	>70	180 lm/W	120 lm/W	20,160 lm		700 mA	168.0 W	
SEO-07196-740-S01	7	850 x 270 x 90mm	>70	180 lm/W	120 lm/W	23,520 lm		817 mA	196.0 W	

notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 740 in code with 727 or 760
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Chip and Lamp level differs due to optical & driver losses

Specifications		
Operating temperature	-25 to +40°C	
Driver life expectancy	100,000 hours (MTBF @ta=25°C)	
Lumen maintenance @ max. power @ ta=25°C	L90 B10 @	20,000 hours
	L80 B10 @	30,000 hours
	L70 B10 @	50,000 hours
Warranty	5 years	
Protection rating	IP66 / IK09	
Diffuser Material	Polycarbonate	
Body material	Aluminium Alloy HE9	

Compliance	
Low Voltage (Safety) Directive 2014/35/EU	
EN 60598-1	EN 60068-2-57
EN 60598-2	EN 60068-2-11
EN 62471	
EMC Directive 2014/30/EU	
EN 55015	EN 61000-3-2
EN 61547	EN 61000-3-3
EN 62493	
LED Drivers	
EN 61347-1	EN 62384
EN 61347-2-13	
SELV 60	 
ROHS	