نـــورعمان

NOOROMAN

NL05

30W-400W LED Street Light Series.

NL05 is a street light series with a lens modular design. It includes four different sizes and models, with a power range of 30W-400W. The modular lens design allows for flexible combinations with 2835 and 5050 LEDs, providing versatile lighting options. Strom street lights are suitable for a wide range
of applications, including country roads, urban roads, highways, parks, industrial parks, plazas, docks, and outdoor parking lots.

IP66 Wet Location   **IK08** Rating   **5YEAR** WARRANTY

CE   CB   ENEC   RoHS

Smooth Surface

A smooth surface reduces dust accumulation, which is suitable for harsh environments with high wind, sand, and rain or snow. It uses a corrosion-resistant coating, making it suitable for long-term usage in coastal areas with high air corrosion or special circumstances.

Tool-free for Maintenance

Strom street lights can be accessed without the need for any tools. It utilizes a convenient snap fastener, providing easy and tool-free access for maintenance or replacement of electronic components.

30W/40W/60W /90W/100W

120W/150W

180W/200W/240W

300W/400W

Dual Waterproof Design

The light fixture uses a one-piece waterproof silicone rubber ring with an IP66 waterproof rating. A built-in breath valve helps maintain balanced air pressure inside and outside the light. Ensures that even in rainy or humid conditions, the light does not accumulate water or fog, ensuring high-quality illumination and minimizing light degradation.

Knife Switch

The knife switch cut the power off immediately when the power compartment opened, ensuring the safety of workers.

Smart Design

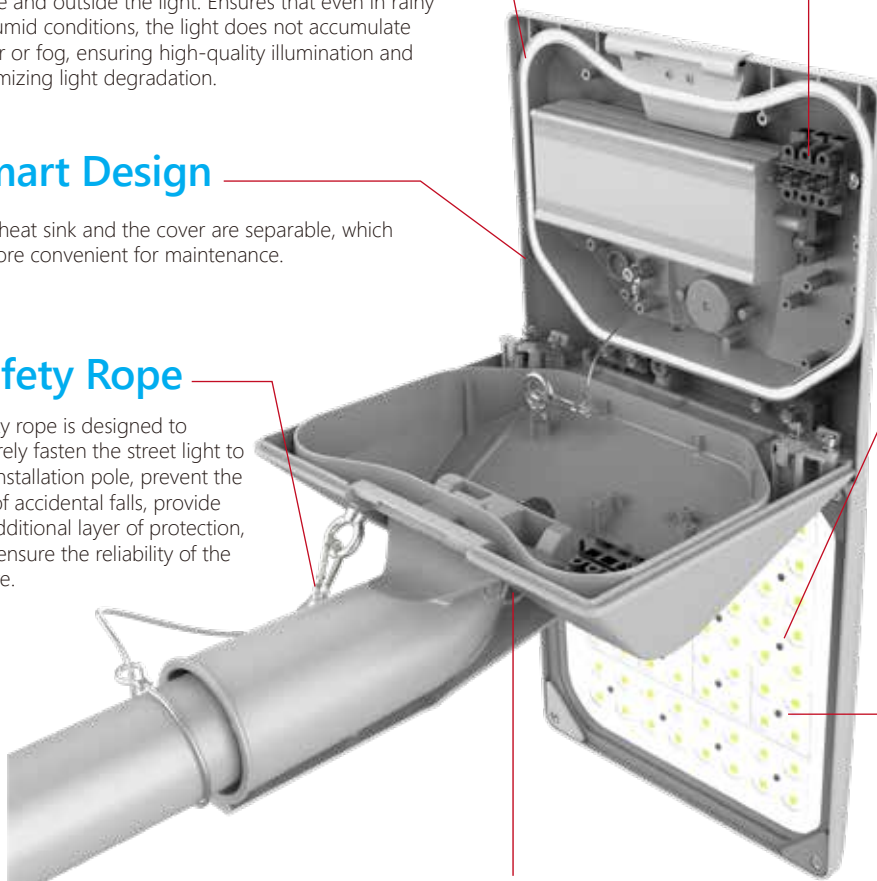The heat sink and the cover are separable, which is more convenient for maintenance.

Type II, Type III, Type IV Available

Different light angles, such as Type II and Type III, are available for two-lane or three-lane roads.

Safety Rope

Safety rope is designed to securely fasten the street light to the installation pole, prevent the risk of accidental falls, provide an additional layer of protection, and ensure the reliability of the fixture.

Modular Design

Modular lens allowing compatibility with both 2835 and 5050 led beads. This makes it not only simplifies maintenance but also allows for easy disassembly and installation. Additionally, it helps save on mold costs by eliminating the need for separate molds for each type of lens bead.

Lens+Glass

With PC lens + glass, resulting in higher protective performance. The glass reduces the impact of sunlight on the PC lens material, preventing it from yellowing or becoming brittle. This design helps reduce light degradation and ensures a more stable performance of the entire light fixture.

The light fixture has ±20° adjustability, allowing it to match different pole angles

Parameters

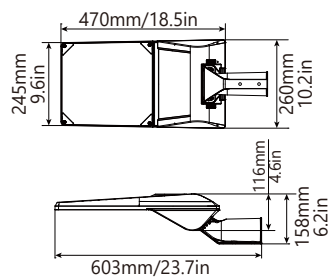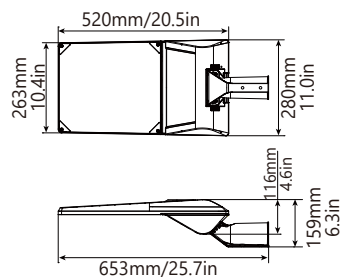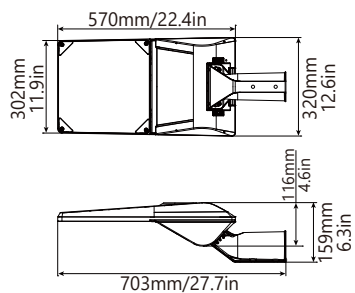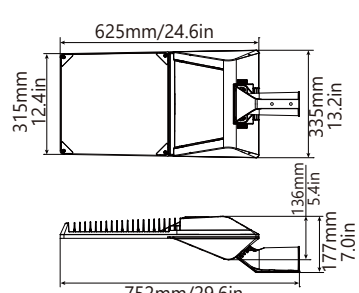| Model No.	NL05-(30W-100W)	NL05-120W/150W	NL05-180W/200W/240W	NL05-300W/400W
Watt	30W/40W/60W/90W/100W	120W/150W	180W/200W/240W	300W/400W
Light Efficiency	30-240W: 130Lm/W-150Lm/W(@4000K, Ra70), 300-400W: 130Lm/W(@4000K, Ra70)			
Lumen Flux(±10%)	3,900-15,000Lm	15,600-22,500Lm	23,400-36,000Lm	39,000Lm/52,000Lm
CCT	3000K/4000K/5000K/5700K			
Beam Angle	T2, T3, T4			
CRI	≥70			
Percent Flicker[%]	< 15%			
SDCM	≤3			
Input Voltage	AC220-240V			
Power Factor	≥0.95			
THD	≤15%			
Surge Protection	10KV			
Protection against electric	Class I			
IP (Environmental location of luminaries)	IP66/Wet location			
IK	IK08			
Operating Temp Ranger	-40℃~+55℃ @ outdoor/-104℉~+131℉ @outdoor			
Intelligent control	1-10V Dimming			
Lifetime	50, 000H(L80B20@25℃)			
Weight (kg/lbs)	5.23kg-5.50kg/11.5lbs-12lbs	6.50kg/14.3lbs	8.1kg-8.20kg/17.80bs-18.0lbs	10.2kg-10.5kg/22.5lbs-23.0lbs
Dimension(mm/in)	470*260*116mm 18.5*10.2*4.6in	520*280*116mm 20.5*11*4.6in	570*320*116mm 22.4*12.6*4.6in	625*335*136mm 24.6*13.2*5.4in
Warranty	5 Years			
Certificate	CE / CB / ENEC / RoHS			
Specification	LED: Lumileds Driver: Sosen, Inventronics			
Material	Structure: Die-casting/High Thermal Conductivity AL Finish: Powder coated Lens: PC+Tempered Glass Color: Gray			

MINI   PRO   PLUS   MAX

Dimension (mm)

470mm/18.5in
245mm 9.6in
260mm 10.2in
116mm 4.6in
158mm 6.2in
603mm/23.7in

Mini

520mm/20.5in
263mm 10.4in
280mm 11.0in
116mm 4.6in
159mm 6.3in
653mm/25.7in

Pro

570mm/22.4in
302mm 11.9in
320mm 12.6in
116mm 4.6in
159mm 6.3in
703mm/27.7in

Plus
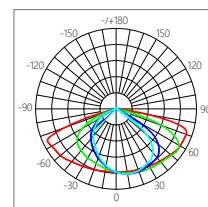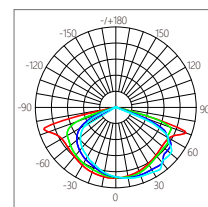
625mm/24.6in
315mm 12.4in
335mm 13.2in
136mm 5.4in
177mm 7.0in
752mm/29.6in

Max

Photometric Diagrams

T2

T3