



**NORDLAND
LIGHTING®**



NST 36 LED Street Light

OVERVIEW

The NST36 LED Street Light combines sleek, modern aesthetics with advanced engineering to deliver outstanding lighting performance and durability. Designed for seamless installation and minimal maintenance, this versatile luminaire is perfect for a wide range of outdoor environments including roads, streets, parking lots, and urban spaces. Offering wattage options from 20W up to 230W, the NST36 achieves impressive energy efficiency with a luminous efficacy of 165 lumens per watt, reducing operational costs while providing bright, consistent illumination. Its wide input voltage

compatibility (100-240 VAC) and high power factor (>0.94) ensure stable, efficient power consumption. Engineered to withstand harsh conditions, the luminaire features robust IP66 ingress protection against dust and water, and IK09/IK10 impact resistance for superior durability. Comprehensive surge protection (4kV to 10kV) safeguards the fixture from electrical spikes, enhancing reliability and lifespan. Flexible control options include dimmable drivers, photocell sensors, DALI dimming, as well as plug-and-play microwave and PIR motion sensors, making it fully adaptable for smart city applications

and energy-saving strategies. Available in color temperatures of 3000K, 4000K, and 5000K with high color rendering indices (CRI 70 and 80), it delivers natural, high-quality light tailored to diverse settings. Installation is simplified with adjustable mounting angles ($\pm 15^\circ$) suitable for both post-top and side-entry poles, complemented by a removable metal gear plate for easy maintenance and upgrades. Backed by a 5-year warranty, the NST36 LED Street Light delivers long-lasting, reliable performance and energy savings.

APPLICATIONS



ROADS



OUTDOOR
AREAS



SPORTS
FACILITIES



INDUSTRIAL
ENVIRONMENTS



WASHBAYS

STREET • OUTDOOR • PARKING

PERFORMANCE

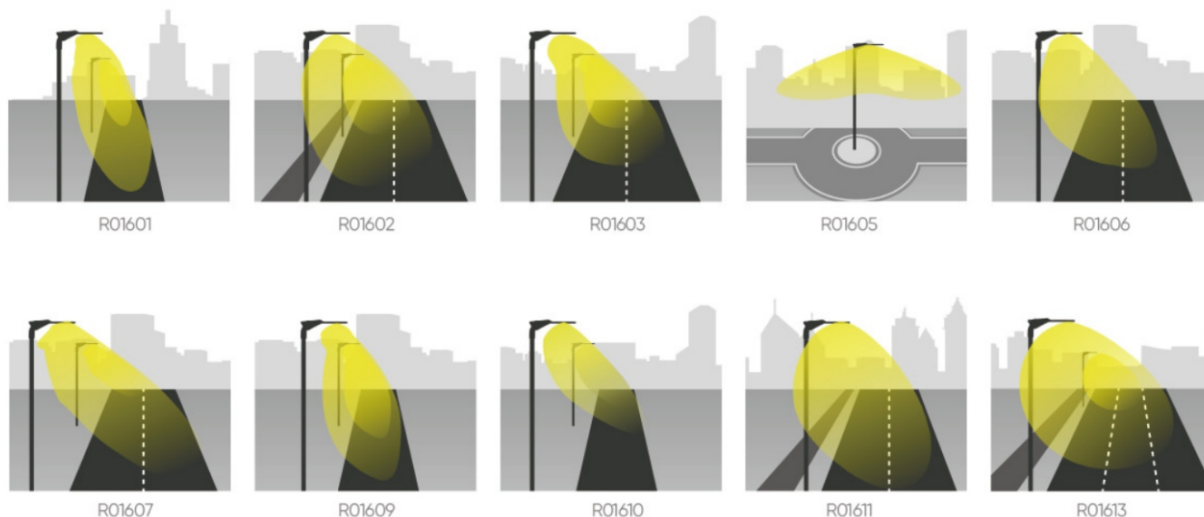
Model Name	NST 36-020	NST 36-030	NST 36-040	NST 36-060	NST 36-075	NST 36-100
Wattages	20 Watt	30 Watt	40 Watt	60 Watt	75 Watt	100 Watt
Nominal Lumens	3200lm	4800lm	6400lm	2726lm	9600lm	12000lm
System efficacy lm/W	160lm/W	160lm/W	160lm/W	160lm/W	160lm/W	160lm/W

Model Name	NST 36-120	NST 36-150	NST 36-180	NST 36-200	NST 36-230
Wattages	120 Watt	150 Watt	180 Watt	200 Watt	230 Watt
Nominal Lumens	19200lm	24000lm	28800lm	32000lm	36800lm
System efficacy lm/W	160lm/W	160lm/W	160lm/W	160lm/W	160lm/W

LED AND OPTICS

LED Type	LED 3030
Expected lifetime	>120000
L70 rating	>120000 @ 25°C L70B10
Colour Rendering Index RA	>80
Colour Temperature	4000K (3000,5000 Optional)

Beam Angle



ELECTRICAL AND OPERATING

Driver	LED Constant Current
Operating temperature	-30°C to +50°C
Input voltage/Frequency	AC 120 - 240V ,AC 220 - 240V ,50/60Hz
Power Factor	>0.94

PRODUCT MATERIALS AND INSTALLATION

Housing	Aluminium Alloy (ADC12)
Lens	Tempered Glass Lens
Finish	Silver Grey, Powder Coated
Ingress Protection	IP66
IK Rating	IK09

CERTIFICATIONS. STANDARDS

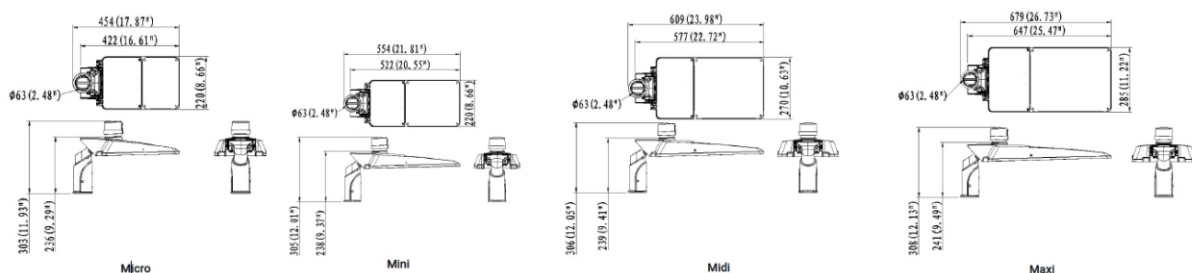
Non - EX
Complies to SANS 60598-1

DIMENSIONS AND PACKAGING

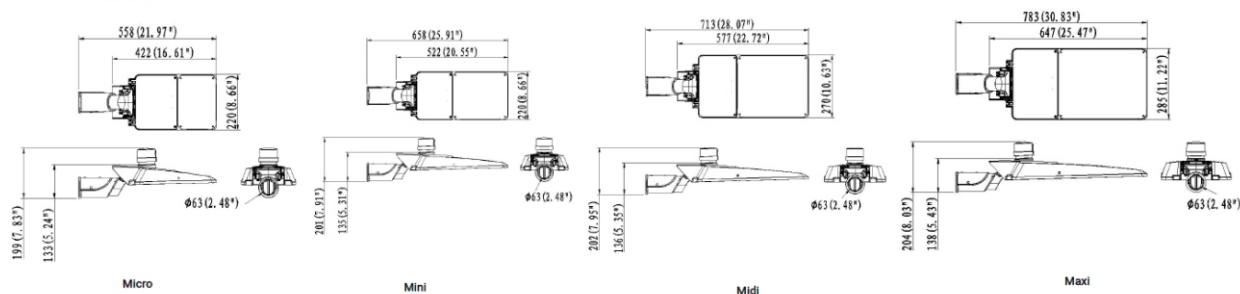
Model	NST 36-020	NST 36-030	NST 36-040	NST 36-060	NST 36-075	NST 36-100
Wattage	20 Watt	30 Watt	40 Watt	60 Watt	75 Watt	100 Watt
Model Size	Micro	Micro	Micro	Mini	Mini	Mini
Micro Dimensions	558 x 220 x 199 mm					
Weight Kg (Unit / packaged)	3.5 Kg / 4.7 Kg					
Mini Dimensions	658 x 220 x 201 mm					
Weight Kg (Unit / packaged)	4.15 Kg / 5.9 Kg					

Model	NST 36-120	NST 36-150	NST 36-180	NST 36-200	NST 36-230	
Wattage	120 Watt	150 Watt	180 Watt	200 Watt	230 Watt	
Model Size	Midi	Midi	Midi	Maxi	Maxi	
Midi Dimensions	713 x 270 x 202 mm					
Weight Kg (Unit / packaged)	5.2 Kg / 7.2 Kg					
Maxi Dimensions	783 x 285 x 204 mm					
Weight Kg (Unit / packaged)	6.4 Kg / 8.5 Kg					

Post top mount



Side entry mount



ACCESSORIES



Wall mount adaptor
Q235+SPCC materials with outdoor powder coating.
Code: SP-R03-18



T shape pole mount adaptor
Q235+SPCC materials with hot dip galvanizing, for 100x100mm square pole.
Code: SP-R03-07



T shape pole mount adaptor
Q235 materials with hot dip galvanizing, for dia.60/ 76mm pole
Code: SP-R03-06(for dia.60mm)
Code: SP-R03-08(for dia.76mm)
Code: SP-R03-08 a(for dia.90mm)



L shape pole mount adaptor
Q235+SPCC materials with hot dip galvanizing, for 100x100mm square pole.
Code: SP-R03-10



L shape pole mount adaptor
Q235 materials with hot dip galvanizing, for dia.90mm pole
Code: SP-R03-09(for dia.90mm)
Code: SP-R03-09 a(for dia.76mm)
Code: SP-R19-01(for dia.60mm)



Corner mount adaptor
SPCC materials with hot dip galvanizing.
Code: SP-R19-02



Quad adaptor
Q235 materials with hot dip galvanizing, 90° 4 ways
Code: SP-R03-15 (for dia.90mm)



Triple adaptor
Q235 materials, with hot dip galvanizing, 90° 3 ways
Code: SP-R03-14 (for dia. 90mm)



Twin adaptor
Q235 materials with hot dip galvanizing, 90° 2 ways
Code: SP-R03-13 (for dia 90mm pole)



Post top mount adaptor
Q235 materials with hot dip galvanizing, 76mm to 60mm Adaptor
Code: SP-R03-16 (for dia 76mm pole)

MOUNTING OPTIONS



Side entry mount



Post top mount

PHOTOMETRIC PERFORMANCE:

As photometric data and IES files differ according to the selected optics and wattages, these are available on request

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