

# NTE Sistemas LED Street light NÉBULA

## NTE LED Street Light NÉBULA

Uniform and compact design. Reflective light base. PMMA lens with a wide variety of options in both symmetrical and asymmetrical optics, adapting to the most demanding projects. Fireproof internal wiring. For Urban roads, interurban roads, parks and gardens.

Protection IP66 and impact resistant IK09, standard body color RAL 9007.

Input Voltage 95-270Vac, 48-63Hz Power factor  $\geq 96\%$ .

LED L90B10 with a superior efficiency **up to 198 lm/W**.

Estimated useful life exceeding 100.000 hour. Manufacturers warranty 5 years. Easy mounting horizontal swivel arm from 0° - 15° up and down, vertical position of the swivel arm with a rotation of 15° of tolerance to adjust the inclination reaching 90°.

Pole aperture of Ø50mm for the S version and Ø60mm for the M and L version.

1-10V dimmable. For ambient temperatures -40° - 60°C.

Light colors: 2.200K - 2.700K - 4.000K - AMBER (standard 4.000K).

Optional with motion sensor. CRI>70, FHS <1%.

Light optics, symmetrical (NO LENS) 120°, VSM 150°, Asymmetrical T2 135° x 60°,

T3 135° x 75°, XW 155° x 75°, LD 135° x 55°.

Overvoltage protection 20KV.

Electromagnetic compatibility: IEC 61000-3-2, EN 61000-3-3, EN 55015.

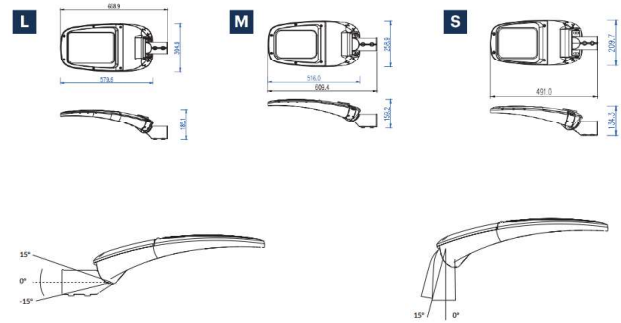
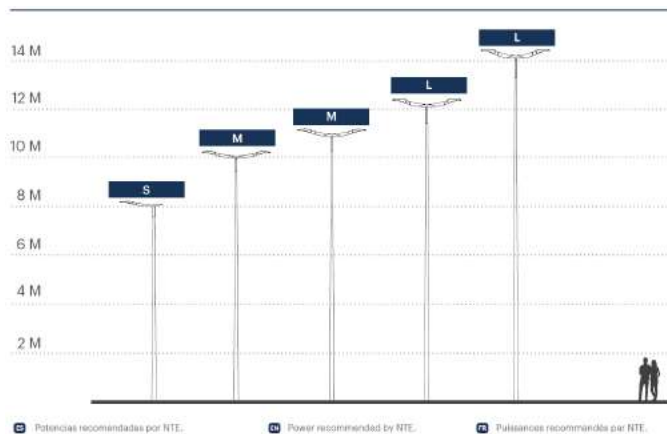
Certification: EN 60598-2-3 / EN 55015 / EN 61547 / EN 62493 / EN 61000-3-2 / 2009/125/CE

**Can be used in combination with the NTE SOLAR KIT.**

**Made in Spain**



Article No.	Description	Watt LED	Watt Lumen	Number LED	Lm/W	F-Led	F-lum	A	Color
83NTE0300	NÉBULA S15	15	16	8	198	3.095	2.580	330 mA	4.000K
83NTE0301	NÉBULA S25	25	27	16	198	5.240	4.360	300 mA	4.000K
83NTE0302	NÉBULA S40	40	43	16	181	7.680	6.400	400 mA	4.000K
83NTE0303	NÉBULA M40	40	43	12	180	7.520	6.300	550 mA	4.000K
83NTE0304	NÉBULA M60	60	65	24	185	11.700	9.800	400 mA	4.000K
83NTE0305	NÉBULA M80	80	86	24	173	14.580	12.140	550 mA	4.000K
83NTE0306	NÉBULA L80	80	86	24	180	15.240	12.700	550 mA	4.000K
83NTE0307	NÉBULA L120	120	130	48	185	23.400	19.500	420 mA	4.000K
83NTE0308	NÉBULA L150	150	161	48	175	27.630	23.000	520 mA	4.000K
83NTE0...P	Anti-saline coating	-	-	-	-	-	-	-	-



## FUTURE READY

Easy access to electrical components with quick connectors that allow for easy modifications or repairs without disassembling the luminaire. Consult NTE assembly manual for the necessary tools.

## LIGHT POLLUTION

The design of the luminaire and the optic systems it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

## Double level dimming

Device manufactured by NTE as an alternative to drivers with dual level dimming. These are some of the advantages that our system presents regarding to the drivers that incorporate this option:

- It can be installed in any luminaire that includes a 1-10V DC adjustable source, so that we can update already installed luminaires without changing the installation wiring.
- It is cheaper than a standard source that includes the option of double-level factory regulation.
- It has up to eight regulation steps compared to three or five, which is standard in market sources.
- Despicable consumption.
- Very small size, so it integrates perfectly in the same driver's compartment of any luminaire.
- Possibility of the client choosing the powers and hours of operation in each of them.

## ON REQUEST

Control: Double level PWN, DALI, IOT.

Light colors: 2.200K - 2.700K - AMBER

Protection: Anti Saline Coating for salt air environments, Anti Corrosion Coating for Chemical environments.

Warranty: 10 years instead of standard 5 years.

Other RAL Colors body. Standard RAL 9007.



- Installation without programming
- Installation with programming
- Savings percentage
- Lighting-up schedule

