



lighting your way





NAIT MINI series is the newest and the smallest member of the NAIT series, aimed especially at urban and park lighting.

This little performer is embodied in a smaller, elegant, and smooth aluminum die-cast housing with an equally powerful LED source, designed to perform on another level.

It's a perfect lighting solution for smaller installation heights, as the name implies.

NAT MINI

series



NAIT MINI MT-16 LED

Unlocking full potential

This version of the NAIT MINI luminaire is practically doubling down on its predecessor. Aiming at higher installation height it also has more advanced optics with more power and luminous flux.

It is aimed at higher levels of demand for illumination, while still maintaining uniform design and presenting an eco-friendly lighting solution.

We can implement this luminaire on complex projects, such as smaller roundabouts, road crossings, pedestrian crossings, or roads with medium speeds, while still respecting all the necessary lighting standards.





PERFORMANCE DATA

System flux: 2940 - 5600lm

System power: 21,0 - 40,0 W

CCT: 1800K, 2200K, 2700K, 3000 K, 4000 K

CRI: ≥ 70 , ≥ 80

Classification: IEC protection class I/II, IP66, IK10

Surge protection: 10 kV (L/N-ground), 6 kV (L-N)

Smart lighting: AstroDIM, Virtual Midnight, StepDIM, DALI

On request 4-pin socket (ZHAGA book 8), CLO

Overtime

performance: L80B10 100.000 hours at $T_a=25^\circ\text{C}$

MEASUREMENTS:

units: mm

MATERIALS

Housing material: High pressure die-cast aluminum

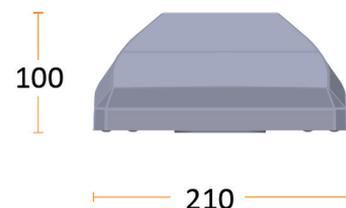
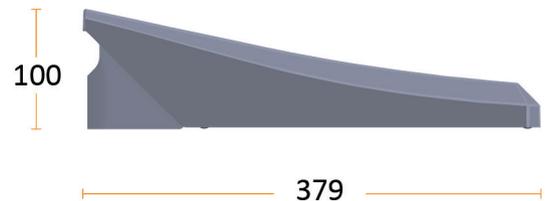
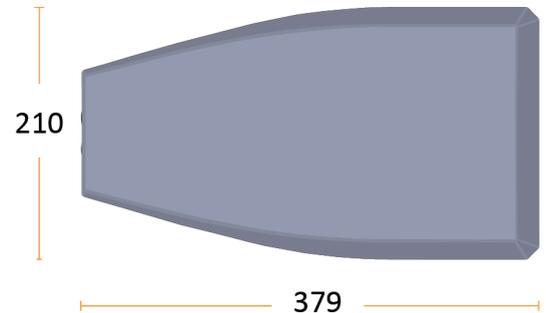
Finish: Polyester powder-coated paint in RAL 9007

Optical material: PMMA High transparent

Optical cover: OPTIWHITE 5 mm tempered glass

Cable gland: stainless steel with pressure equalization membrane

Fixation bolts: stainless steel grade A4



FEATURES

Net weight: 3,6 kg

Pre-wiring: preinstalled with fast connector

- Default: 3-pin fast connector IP66 on 0,2m 3G1 cable

- Optional: custom cable length with or without fast connector

INSTALLATION

Mounting device: For pole spigot from 42 to 60 mm

Fixation type: post top / side entry

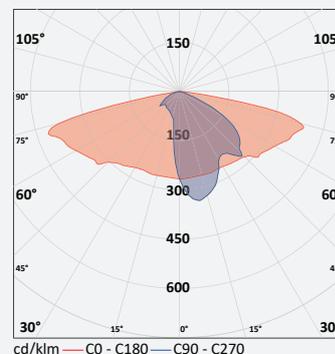
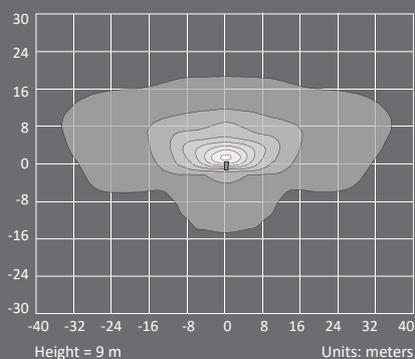
Tilt angle: $0^\circ / \pm 90^\circ$

Connecting: IP66 fast connector (2/3 or 5 pole)

Commonly used optics with LITE

PR optic

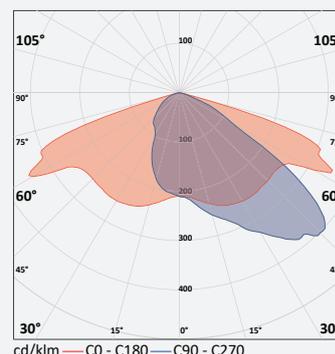
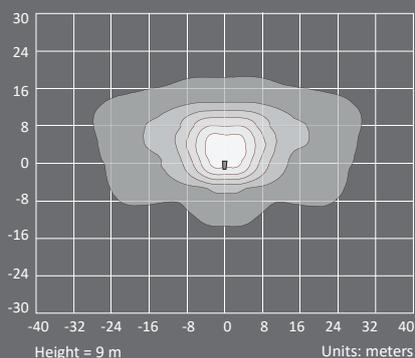
Excellent longitudinal luminance uniformity for EN13201 M-class where road width is wider than the pole height.



H4 optic

Excellent longitudinal luminance uniformity for EN13201 M-class where road width is wider than the pole height.

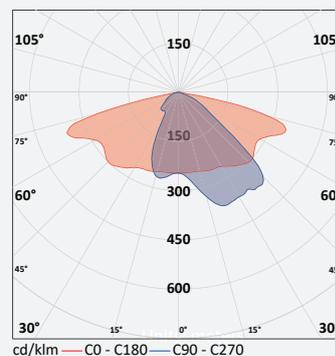
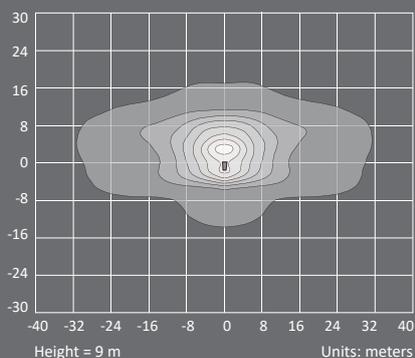
Usually to illuminate up to four lanes in front of the pole.



H3 optic

Excellent longitudinal luminance uniformity for EN13201 M-class where road width is \geq the pole height. Usually to illuminate up to

three lanes in front of the pole.



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