

NARA

NARA 150

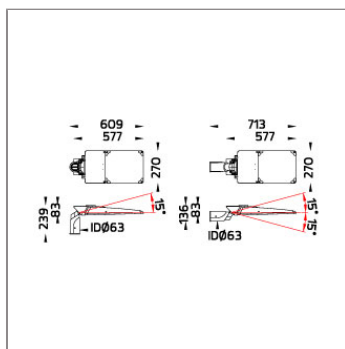
POLE MOUNTED



LAST UPDATE: 30-06-2025



From slow speed secondary roads to multi lane highways NARA is the perfect solution for all road lighting requirements. T2 and T3 CAD optimized optics are available as a standard product option. On request a NEMA or Zhaga connector can be added. Across the range a 0.8m long pre-wired cable and pressure equalizing element are standard. The cleverly designed pole adapter allows horizontal or vertical pole entry and includes an easy-to-read graduated scale. The housing is cast from a highly corrosion resistant aluminum alloy. The operating temperature of 50°C allows reliable use in challenging environmental conditions.



Technical Data



| | |
|-----------------------|-----------------------|
| Ordering Code : | 7706-S-3-005-A4 |
| Lamp : | LED |
| Beam : | T4 |
| CCT : | 4000 K |
| CRI : | CRI >70 |
| SDCM : | SDCM = 5 |
| Luminaire Lumen : | 21180 lm |
| Luminaire Wattage : | 150 W |
| Efficacy : | 141 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70 >72,000 h (@25°C) |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 5.20 kg. |

Ordering code guide

XXXX-X-X-XXX-XX
A B C D E

- A Product Code
- B Reflector
- C Electrical Component
- D Lamp
- E Color




Icon definition

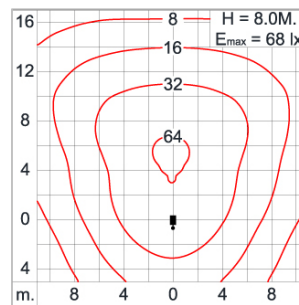
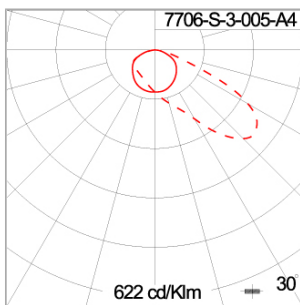
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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online@unilamp.co.th
www.unilamp.co.th

Specification

| | |
|-------------------------|--|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class I |
| IK Rating | Protection against mechanical impact IK09 |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| Coating Process | Luminaire top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C. |
| Lens | Molded PMMA lens from renowned manufacturers in various light distribution patterns. |
| Adjustable Optic | Adjustable aiming unit through graduated scale. |
| Gasket | Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C. |
| External Screws | External screws are in stainless steel with protection grease. |
| Led | High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material. |
| Driver | High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard. |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. |
| Pre-Wire Cable | Pre-wired with 800mm long 3x1 sqmm cable. Equipped with pressure equalization element. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color |  Aluminum Silver A4 |

Light Distribution



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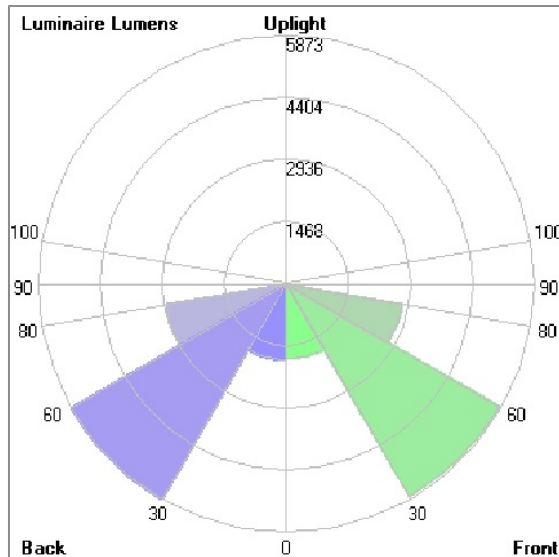
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Bug Report



Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 1780.5 | 8.4 | 8.4 |
| FM | [30-60] | 5800.4 | 27.4 | 27.4 |
| FH | [60-80] | 2788.0 | 13.2 | 13.2 |
| FVH | [80-90] | 98.6 | 0.5 | 0.5 |
| BL | [0-30] | 1811.6 | 8.6 | 8.6 |
| BM | [30-60] | 5872.6 | 27.7 | 27.7 |
| BH | [60-80] | 2890.2 | 13.6 | 13.6 |
| BVH | [80-90] | 99.1 | 0.5 | 0.5 |
| UL | [90-100] | 11.9 | 0.1 | 0.1 |
| UH | [100-180] | 28.1 | 0.1 | 0.1 |
| Total | | 21181.0 | 100.1 | 100.0 |
| BUG Rating | | B4-U2-G4 | | |

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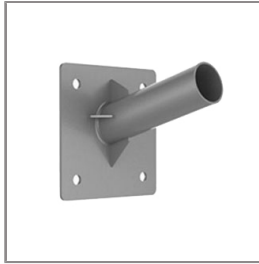
Accessories



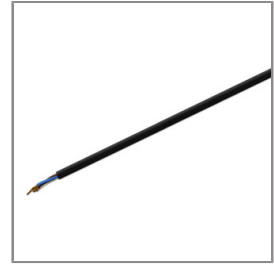
Ordering Code:
ATR-SEN-0001-00
Photocell, On-Off,
pre-assembly from factory



Ordering Code:
ATR-SOC-0001-00
7 pin NEMA socket
according to ANSI
standard, pre-assembly
from factory



Ordering Code:
ATR-MOT-0003-XX
Wall mount adapter



Ordering Code:
ATR-CAB-0001-00
Extended pre-wired cable,
L= 6000, pre-assembly
from factory



Ordering Code:
ATR-MOT-0004-XX
Double head pole mount
adapter, for 76mm spigot
diameter



Ordering Code:
AUN-MOT-0058-XX
Pole mount adaptor, spigot
diameter 76mm



Ordering Code:
STEEL-POLE-FOR-NARA
Please contact Sales
Representative