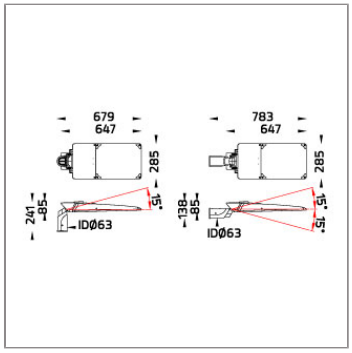
# NARA

## NARA 200

### POLE MOUNTED LIGHT

LAST UPDATE: 27-02-2026

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

IP66 IK09

| | |
|---|---|
| Ordering Code : | 7707-S-3-005-A4 |
| Lamp : | LED |
| Beam : | T4 - Asymmetric Forward Throw |
| CCT : | 4000 K |
| CRI : | CRI >70 |
| SDCM : | SDCM = 5 |
| Luminaire Lumen : | 28885 lm |
| Luminaire Wattage : | 203 W |
| Efficacy : | 142 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 : | 6.40 kg. |

### Ordering code guide

B D

XXXX-X-X-XXX-XX

A C E

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

IK BODY OPTIC Icon definition

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

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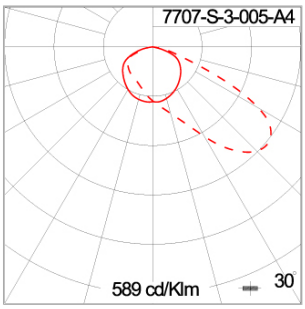
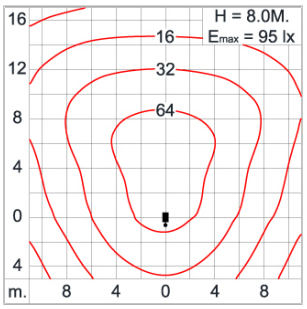
## Specification

| | |
|---|---|
| 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 | Luminiare 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 | Black C1<br>Graphite C2<br>Dark Grey C3<br>Aluminum Silver A4<br>White C6<br>Corten C8 |

## Light Distribution

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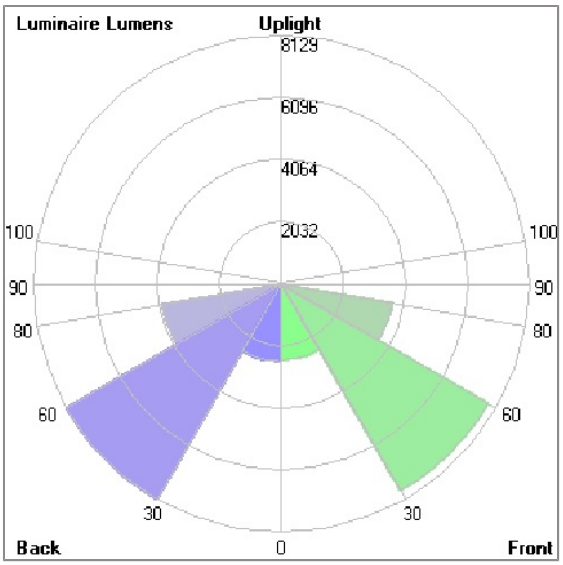
### Bug Report




Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | (0-30) | 2485.2 | 8.6 | 8.6 |
| FM | (30-60) | 7807.3 | 27.0 | 27.0 |
| FH | (60-80) | 3681.9 | 12.7 | 12.7 |
| FVH | (80-90) | 113.1 | 0.4 | 0.4 |
| BL | (0-30) | 2533.8 | 8.8 | 8.8 |
| BM | (30-60) | 8128.6 | 28.1 | 28.1 |
| BH | (60-80) | 3953.9 | 13.7 | 13.7 |
| BVH | (80-90) | 128.7 | 0.4 | 0.4 |
| UL | (90-100) | 12.9 | 0.0 | 0.0 |
| UH | (100-180) | 39.8 | 0.1 | 0.1 |
| Total | | 28885.2 | 99.8 | 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

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