

NARA

NARA 120

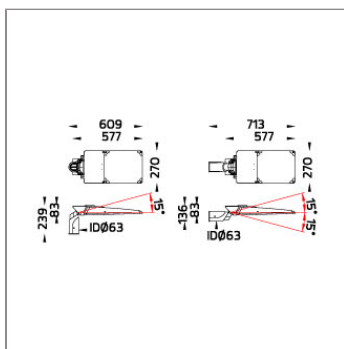
POLE MOUNTED LIGHT



LAST UPDATE: 21-04-2026



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



Ordering Code :	7706-I-3-006-A4
Lamp :	LED
Beam :	T2 - Asymmetric Long Side Throw
CCT :	4000 K
CRI :	CRI >70
SDCM :	SDCM = 5
Luminaire Lumen :	18120 lm
Luminaire Wattage :	120 W
Efficacy :	151 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

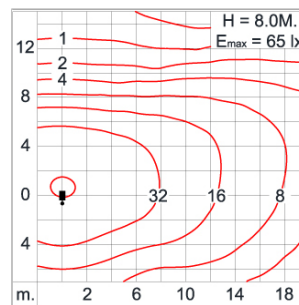
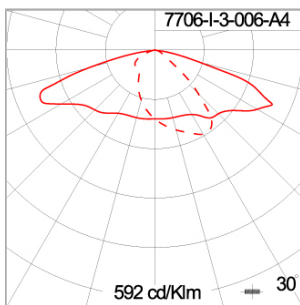
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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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.												
Enhanced Protection	Pressure equalization element ensuring optimal performance in varying conditions.												
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.												
Caution	Installation work has to be carried on according to the enclosed installation manual.												
Color	<table border="0"> <tr> <td></td> <td>Black C1</td> </tr> <tr> <td></td> <td>Graphite C2</td> </tr> <tr> <td></td> <td>Dark Grey C3</td> </tr> <tr> <td></td> <td>Aluminum Silver A4</td> </tr> <tr> <td></td> <td>White C6</td> </tr> <tr> <td></td> <td>Corten C8</td> </tr> </table>		Black C1		Graphite C2		Dark Grey C3		Aluminum Silver A4		White C6		Corten C8
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Light Distribution



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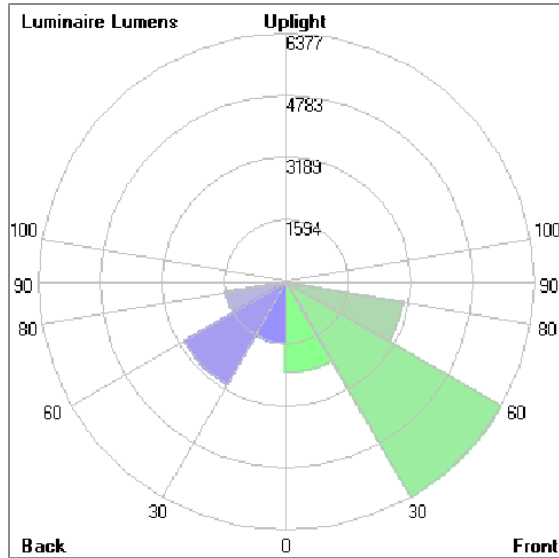
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Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	2337.4	12.9	12.9
FM	[30-60]	6377.2	35.2	35.2
FH	[60-80]	3038.4	16.8	16.8
FVH	[80-90]	93.0	0.5	0.5
BL	[0-30]	1575.8	8.7	8.7
BM	[30-60]	3033.9	16.7	16.7
BH	[60-80]	1571.1	8.7	8.7
BVH	[80-90]	64.0	0.4	0.4
UL	[90-100]	7.0	0.0	0.0
UH	[100-180]	18.6	0.1	0.1
Total		18116.4	100.0	100.0
BUG Rating		B3-U2-G3		

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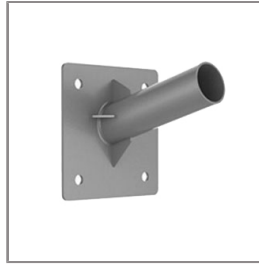
Accessories



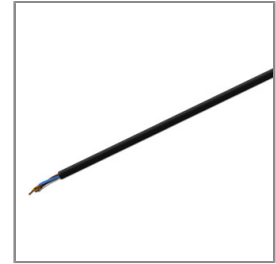
Ordering Code:
ATR-SEN-0001-00
Photocell, On-Off,
pre-assembly from factory



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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