NARA 120

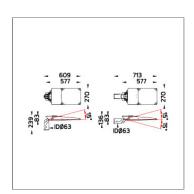
POLE MOUNTED LIGHT



LAST UPDATE: 28-10-2025



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-J-3-006-A4

Lamp: LED Beam: Т3 CCT: 4000 K CRI >70 CRI: SDCM: SDCM = 5Luminaire Lumen : 18580 lm Luminaire Wattage: 120 W Efficacy: 154 lm/W 50°C Ambient Temperature :

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

B D |

XXXX-X-X-XXX-XX

A C E

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



Icon definition

NARA 120

POLE MOUNTED LIGHT



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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 IKO9

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 qasket. Temperature and weather resistant. Working temperature -40°C to +200°C.

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.

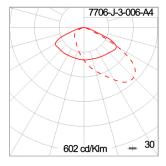
Equipped with pressure equalization element.

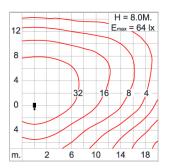
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





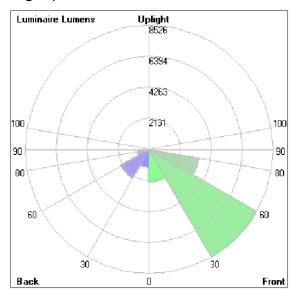
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Bug Report



Lum. Classification System [LCS]				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	2245.3	12.1	12.1
FM	[30-60]	8525.7	45.9	45.9
FH	[60-80]	3462.2	18.6	18.6
FVH	[80-90]	28.4	0.2	0.2
BL	[0-30]	1223.0	6.6	6.6
ВМ	[30-60]	2220.9	11.9	12.0
BH	[60-80]	786.2	4.2	4.2
BVH	[80-90]	62.5	0.3	0.3
UL	[90-100]	7.8	0.0	0.0
UH	[100-180]	22.2	0.1	0.1
Total		18584.2	99.9	100.0
BUG Rating		B3-U2-G2		

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POLE MOUNTED LIGHT



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Accessories



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



Ordering Code: ATR-SOC-OOO1-OO 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