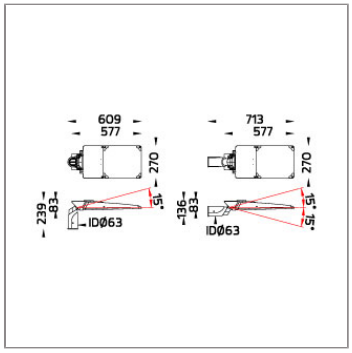
NARA

NARA 120

POLE MOUNTED LIGHT

LAST UPDATE: 29-04-2026

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

IP66 IK 09

Ordering Code :	7706-J-3-006-A4
Lamp :	LED
Beam :	T3 - Asymmetric Medium Side Throw
CCT :	4000 K
CRI :	CRI >70
SDCM :	SDCM = 5
Luminaire Lumen :	18580 lm
Luminaire Wattage :	120 W
Efficacy :	154 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

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.

Unilamp Co., Ltd.
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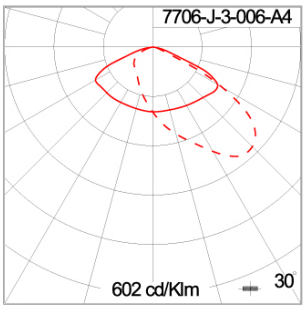
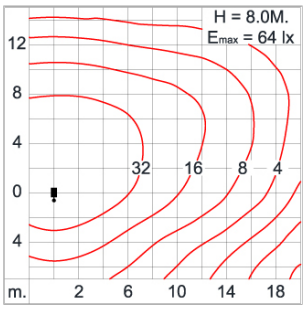
Specification

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.
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	Black C1 Graphite C2 Dark Grey C3 Aluminum Silver A4 White C6 Corten C8

Light Distribution





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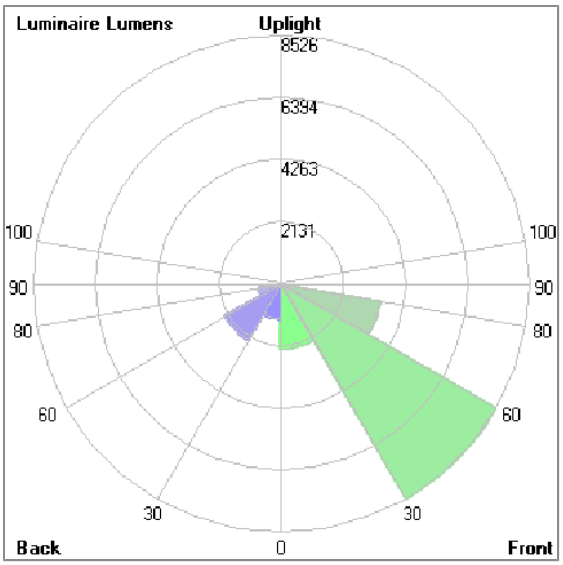
Bug Report



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
BM	(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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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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