

NATIONS

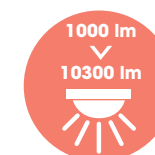


Elegant and organic in form, the Nations seamlessly integrates contemporary design with high-performance lighting, making it ideal for modern urban environments. Its sleek, sculptural silhouette mimics natural curves, adding a distinctive visual appeal to public spaces such as streetscapes, promenades, and parks.

Engineered for flexibility, the Nations is available with 16, 32, or 48 LEDs, delivering a lumen output ranging from 2,000 to 12,000. It supports single or double pole-top configurations, and can also be side-mounted or wall-mounted to suit diverse installation needs.

Combining form and function, the Nations offers both aesthetic enhancement and dependable illumination for pedestrian and vehicular zones alike.

- ▶ From 16' to 30' Height
- ▶ 1 Light, 2 Lights or Surface Mounted Versions.
- ▶ Smooth and Pure Design



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Physical

Housing	Luminaire Housing: Cast Aluminum; Pole Housing: Galvanized Steel
Lens	Tempered Glass
Weight	21 Pounds
EPA	1.08 ft²
Mounting	Post-Top (Single or Double Heads), Wall, or Intermediate Mounting
Ingress Protection	IP66
Impact Resistance	IK08

Electrical

Power Consumption	From 19 to 103 Watts
LED Voltage	Standard Input Voltage from 120-277 Volts High Input Voltage from 347-480 Volts
Control	Integral LED Driver and Control System. On/Off or 0-10v Dimming
Electrical Class	I and II
Operating Temperature	-40° F to 122° F
Lumen Maintenance	L90 B10 > 100,000 Hours
Surge Suppression	Optional Surge Suppressor; Standard Electrical Shock Resistance of 6/10 kV (diff/comm)

Photometrics

Number of LEDs	16, 32, or 48 LEDs
CCT	3000K and 4000K Standard; Amber, 2200K, 2700K, and 5700K are available upon request.
Delivered Lumen Output	2375 to 13805 Lumens
Efficacy	122 to 148 Lumens per Watt
BUG Rating	B2-U0-G2

Certifications

NRTL	Luminaire is Certified to North American Safety Standards and Requirements by Nationally Recognized Testing Laboratories.
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Light Distributions

CCT	# of LEDs	350 mA			500 mA			700 mA		
		Watts	Lumens	Efficacy	Watts	Lumens	Efficacy	Watts	Lumens	Efficacy
3000K	16	19	2375	125	26	3257	126	36	4361	122
	32	35	4749	136	49	6514	133	69	8723	127
	48	51	7124	140	73	9771	134	103	13084	128
4000K	16	19	2504	132	26	3437	133	36	4602	128
	32	35	5008	144	49	6875	141	69	9203	134
	48	51	7512	148	73	10312	142	103	13805	135

Options

- Surge protector
- Backlight control.
- NTC sensor.
- IP68 vent

Eco-Design

Luminaire designed in compliance with the environmental criteria of energy efficiency, recyclability and interoperability.

Associate member of the Zhaga consortium, Ragni integrates electronic elements in this product that comply with the Zhaga standard, which ensures its scalability and interoperability.

Member of the Global Compact since 2018, Ragni is committed to working towards the 17 Sustainable Development Goals (SDG 11, 12, 13, 15).

Luminaire guaranteed free of hazardous substances.

Luminaire eligible for the energy savings certificate.

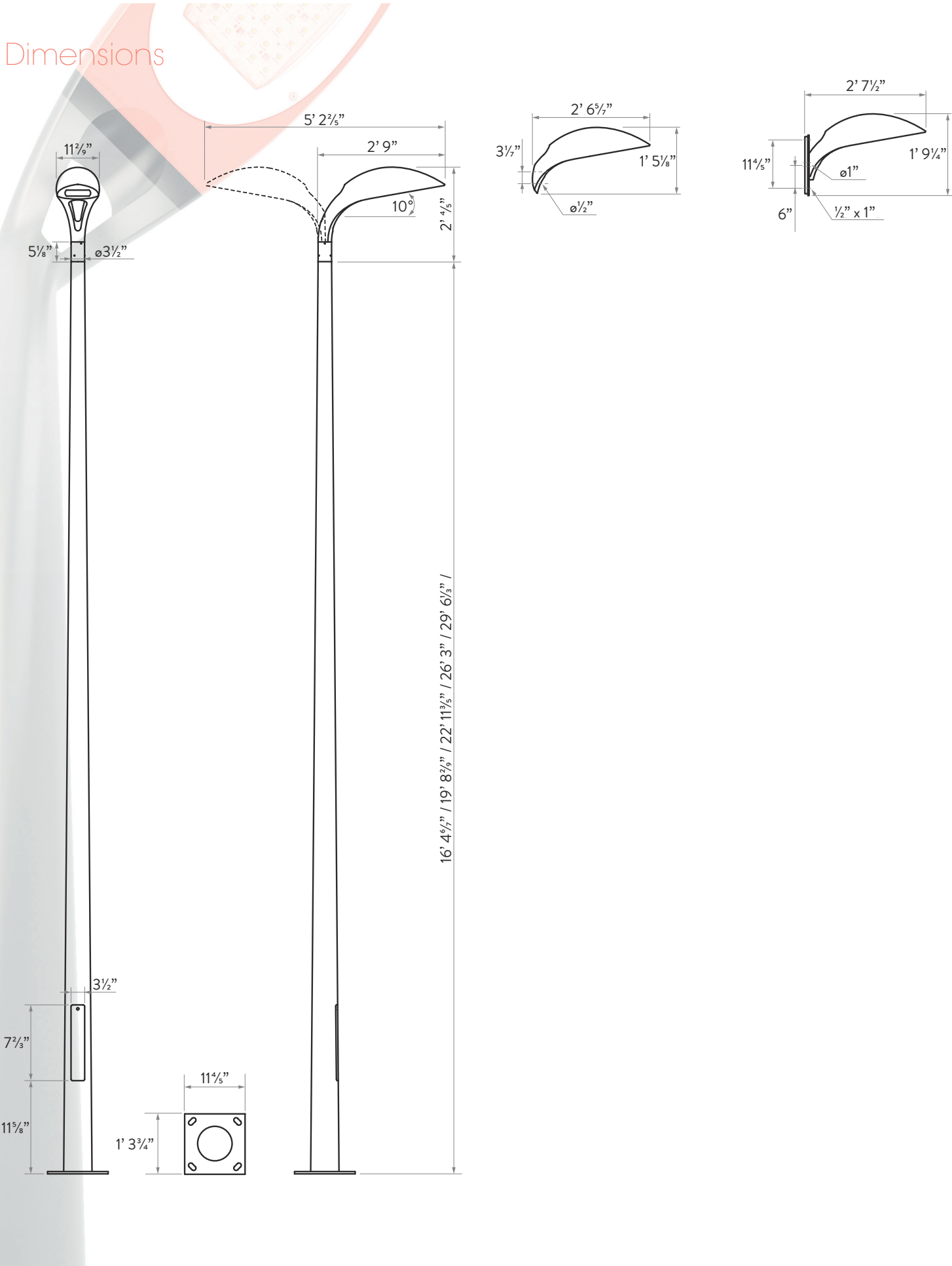
Luminaire compliant with the decree of 27/12/2018 on the prevention, reduction and limitation of light pollution: product configuration to be defined according to the nature of the project.

Luminaire is Seamlessly
Incorporated to ø3½ Pole

Openwork Masthead

From 6' to 30'

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ORDERING INFORMATION

MODEL	# OF LEDS	CCT	DRIVE CURRENT	DISTRIBUTION	LINE VOLTAGE	MOUNTING	FINISH	OPTIONS
NAT <i>Nations Luminaire</i>	16 <i>16 LEDs</i>	3 <i>3000K</i>	35 <i>350 mA</i>	T1 <i>Type I</i>	1 <i>120-277v</i>	TP1F <i>Top Mount, Single Luminaire</i>	BLK <i>Black</i>	7PIN <i>7-Pin Photocell Receptacle</i>
	32 <i>32 LEDs</i>	4 <i>4000K</i>	50 <i>500 mA</i>	T2 <i>Type II</i>	3 <i>347-480v</i>	TP2F <i>Top Mount, Double Luminaires</i>	BRZ <i>Bronze</i>	MS <i>Motion Sensor</i>
	48 <i>48 LEDs</i>		70 <i>700 mA</i>	T3 <i>Type III</i>			SLV <i>Silver</i>	DIM <i>0-10v Dimming</i>
			C <i>Custom¹</i>	T4 <i>Type IV</i>			WHT <i>White</i>	LS <i>Lens Shield</i>
				T5 <i>Type V</i>			RAL # <i>Custom RAL Color</i>	

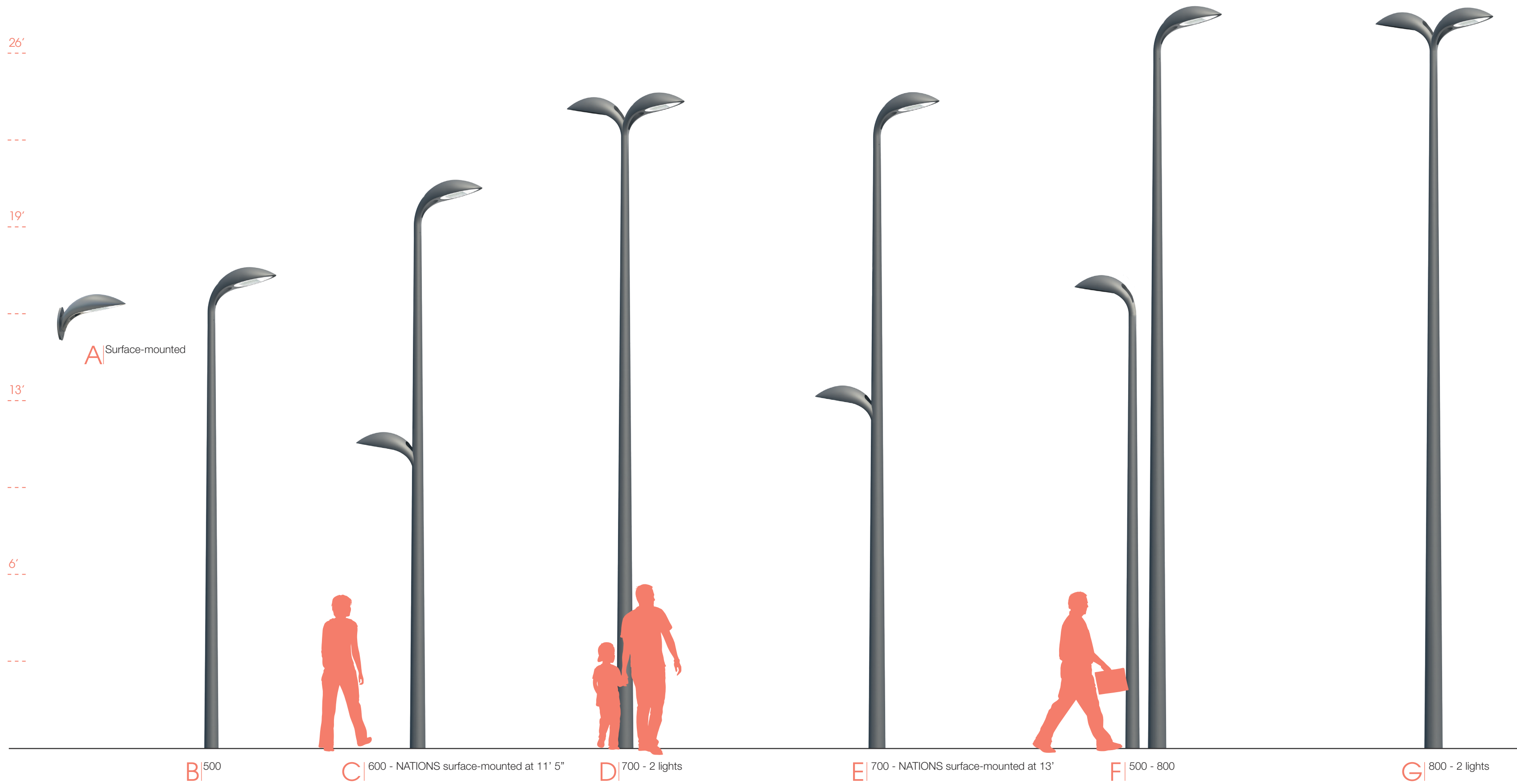
¹Consult factory for custom ordering information.
Factory assistance is available via phone at 1.720.370.0400 or via email at info@ragnigroupna.com.

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