

NEW ORLEANS II NL LED Specifications



*N2F-L-HTL-1NL SHOWN ABOVE

Project Name:

Catalog Number:

Type:

The **New Orleans II No Lens** series combines the latest in LED Array technology with traditional design and ease of maintenance for years of trouble-free operation. Superior optics allow for the use of fewer fixtures at less wattage and wider pole spacing to illuminate with excellent uniformity. Eliminate the need for costly yearly maintenance by switching to energy efficient LED lighting.







Choose from three different styles of capitals (Leaf, Fluted or smooth) to enhance any local architecture and environment. Type I, II, III, IV, V and VW optics are available.

The New Orleans II No Lens is Dark Sky Friendly. With no light being thrown over 90 degrees, our Dark Sky version results in a more pristine night sky with minimal light contamination.

The **New Orleans II LED** series is constructed of cast aluminum and features a high-quality, long lasting, durable powder coat finish in a variety of colors. The New Orleans II design compliments any street, retail or pathway project. A wide selection of decorative mounting arms and poles are available to complete the systems' overall design.

The **New Orleans II LED** series is an ideal choice for street and municipal lighting projects; as well as any pedestrian application, such as parks, and city and urban centers.

Ordering Information

MODEL	TOP	OPTICS	LEDS	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
		T1 Type 1	32LC	3 350mA	3K 3000K	UNV 120-277V	PT Post Top	BZ Bronze	PCR-120 Photocell & Receptacle	VWC Visionaire Wireless Controls
		T2 Type 2	48LC	5 530mA	4K 4000K	8 347V	* Slips over 3"ØD tenon x 4½" tall	BK Black	PCR-208 Photocell & Receptacle	WSC-8 Motion Sensor 8' Mounting Height
		T3 Type 3	80LC	7 700mA	5K 5000K	5 480V		GY Grey	PCR-240 Photocell & Receptacle	WSC-20 Motion Sensor 9-20" Mounting Height
		T4 Type 4						SBK Smooth Black	PCR-277 Photocell & Receptacle	* The WSC option will require (1) FSIR 100 remote for programming
		T5 Type 5						WH White	PCR-347 Photocell & Receptacle	The WSC option is only available with the 32LC or 64LC
		T5W Type 5 Wide						SWH Smooth White	PCR-480 Photocell & Receptacle	
								GP Graphite	PER Photo Receptacle w/shorting cap	CLS Cut Off Light Shield
								GY Grey	7PINPER 7 Pin Photo Receptacle w/shorting cap	DIM 0-10v Dimming Driver
								SL Silver Metallic		FIN1 FIN2 FIN3 FIN4
								ZFP Zinc-Free Primer Coat		
								CC Custom Color		BAA Buy America(n) Act Compliant

Housing

- The New Orleans II LED Series features a cast aluminum capital available in smooth, fluted or leaf pattern with a spun aluminum hard top offered in 3 styles; with an optional internal twistlock photocell receptacle accessible thru an attached windowed door.
- All external hardware is stainless steel.

Thermal Management

- The New Orleans II series provides excellent thermal management by mounting the LEDs to the substantial heat sink of the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.
- The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The New Orleans II series LEDs have been determined to last 100,000+ hours in 25° C environments when driven at 350 mA.

Optical System

- The highest lumen output, LEDs are utilized in the BOW LX II Series. IES distribution Types I, II, III, IV, V and V-W, are available. LED light engines come in multiples of 16 LEDs.
- CRI values are 70.

Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness.
- All finishes are available in standard and custom colors.
- Finish is guaranteed for five (5) years.
- Optional Zinc-Free Primer - Recommended within three miles of the ocean

Mounting

- The New Orleans II series is a post-top fixture that mounts over a 3" tenon X 4 1/4" tall, with a wide selection of decorative and custom mounting arms for both pole and wall mount applications (see Decorative Arms section of catalog).

Electrical Assembly

- The New Orleans II Series is supplied with a choice of 350, 530 or 700 high-performance LED drivers, that accept 120v thru 480v, 50 Hz to 60 Hz, input.
- Rated for -40 °C to +50 °C operations.
- Power factor of 90%.
- THD less than or equal to 20%
- 10 kV surge protector supplied as standard.
- 0-10v Dimming Driver supplied as standard.

Warranty

- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit visionairelighting.com.

Options

- Photocell & Receptacle (PCR)
- Photo Receptacle (PER) (7PINPER)
- Integrated wireless controll (VWC)
- Motion Sensor FSP-211 Title 24 Compliant (WSC)
- Cut-Off Louver Shield (CLS)
- 0-10V Dimming Driver (DIM)
- Finials (FIN1, FIN2, FIN3, FIN4)
- Buy America(n) Act Compliant

Listings

- New Orleans II LED is UL listed, suitable for wet locations.
- Powder Coated ToughTM
- IP65 Rated
- IDA Certification

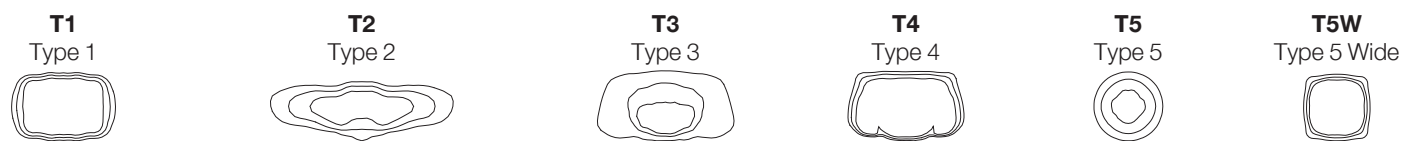


3000K must be selected with a fixed mount for IDA certification.
Fixed mount must be selected for IDA dark sky certification.

NEW ORLEANS II - ELECTRICAL LOAD (A)							
Ordering Nomenclature	System Watts	120	208	240	277	347	480
N2L-L-HTL1NL-T5-32LC-3	34	0.29	0.17	0.14	0.12	0.10	0.07
N2L-L-HTL1NL-T5-32LC-5	52	0.43	0.25	0.22	0.19	0.15	0.11
N2L-L-HTL1NL-T5-32LC-7	69	0.57	0.33	0.29	0.25	0.20	0.14
N2L-L-HTL1NL-T5-48LC-3	52	0.43	0.25	0.22	0.19	0.15	0.11
N2L-L-HTL1NL-T5-48LC-5	78	0.65	0.38	0.33	0.28	0.23	0.16
N2L-L-HTL1NL-T5-48LC-7	103	0.86	0.50	0.43	0.37	0.30	0.22
N2L-L-HTL1NL-T5-64LC-3	69	0.57	0.33	0.29	0.25	0.20	0.14
N2L-L-HTL1NL-T5-64LC-5	104	0.87	0.50	0.43	0.38	0.30	0.22
N2L-L-HTL1NL-T5-64LC-7	138	1.15	0.66	0.57	0.50	0.40	0.29
N2L-L-HTL1NL-T5-80LC-3	86	0.72	0.41	0.36	0.31	0.25	0.18
N2L-L-HTL1NL-T5-80LC-5	130	1.09	0.63	0.54	0.47	0.38	0.27
N2L-L-HTL1NL-T5-80LC-7	172	1.43	0.83	0.72	0.62	0.50	0.36

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Photometric Optical Summary



EPA Data

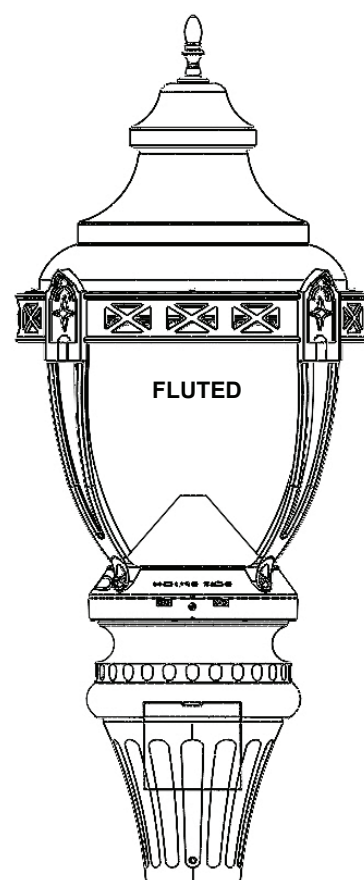
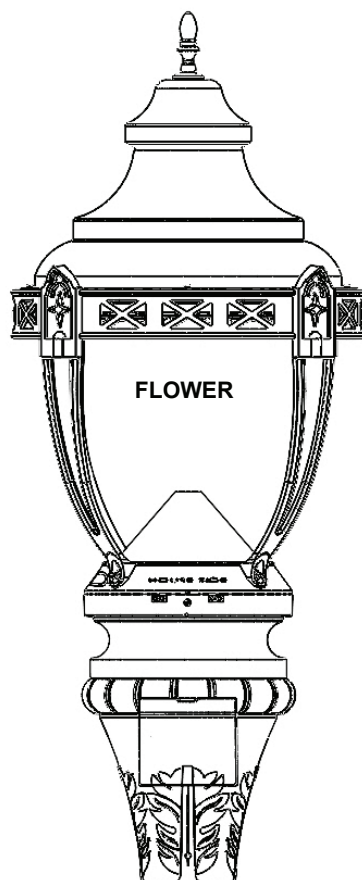
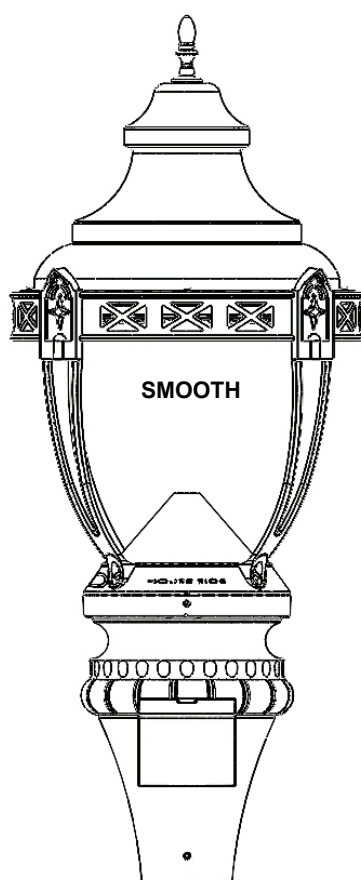
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Dimensions

Width: N2L-HTL1NL 16.25"

Height: N2L-HTL1NL 39.5"

Weight: 41 LBS



* Finials are painted black with standard acorn lenses. They are painted to match fixture with Hard Top option.

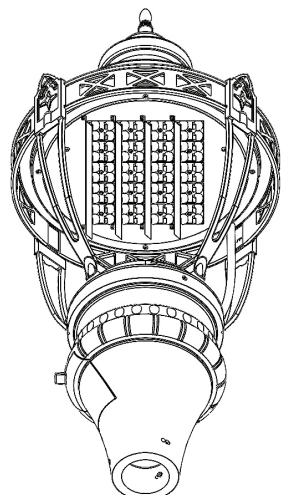
NEW ORLEANS - NO LENS - LUMEN DATA CHART 3K																										
# LEDs	Current	T1	B	U	G	T2	B	U	G	T3	B	U	G	T4	B	U	G	T5	B	U	G	T5W	B	U	G	Wattage
32LC	350	3777	2	0	2	3715	1	0	1	3413	1	0	1	3281	1	0	1	3910	2	0	1	3479	2	0	1	34
	530	5611	3	0	3	5519	1	0	1	5071	2	0	2	4875	1	0	1	5809	2	0	1	5168	3	0	1	52
	700	7059	3	0	3	6944	2	0	2	6380	2	0	2	6133	2	0	2	7309	3	0	1	6502	3	0	2	69
48LC	350	5612	3	0	3	5520	2	0	2	5072	2	0	2	4876	1	0	1	5810	2	0	1	5169	3	0	1	52
	530	8337	3	0	3	8201	2	0	2	7535	2	0	2	7243	2	0	2	8632	3	0	1	7679	3	0	2	78
	700	10487	3	0	3	10316	2	0	2	9478	2	0	2	9111	2	0	2	10858	3	0	1	9659	3	0	2	103
64LC	350	7483	3	0	3	7360	2	0	2	6763	2	0	2	6501	2	0	2	7747	3	0	1	6892	3	0	2	69
	530	11116	3	0	3	10934	2	0	2	10047	3	0	3	9658	2	0	2	11509	3	0	2	10239	3	0	2	104
	700	13847	4	0	4	13620	3	0	3	12515	3	0	3	12030	3	0	3	14336	3	0	2	12754	4	0	3	138
80LC	350	8824	3	0	3	8680	2	0	2	7975	2	0	2	7666	2	0	2	9136	3	0	1	8127	3	0	2	86
	530	13233	4	0	4	13017	3	0	3	11960	3	0	3	11498	3	0	3	13701	3	0	2	12189	4	0	2	130
	700	16969	4	0	4	16692	3	0	3	15337	3	0	3	14743	3	0	3	17569	4	0	2	15630	4	0	3	172

NEW ORLEANS - NO LENS - LUMEN DATA CHART 4K																										
# LEDs	Current	T1	B	U	G	T2	B	U	G	T3	B	U	G	T4	B	U	G	T5	B	U	G	T5W	B	U	G	Wattage
32LC	350	3851	2	0	2	3788	1	0	1	3480	1	0	1	3346	1	0	1	3987	2	0	1	3547	2	0	1	34
	530	5721	3	0	3	5628	2	0	2	5171	2	0	2	4971	2	0	2	5923	2	0	1	5270	3	0	1	52
	700	7198	3	0	3	7080	2	0	2	6505	2	0	2	6254	2	0	2	7452	3	0	1	6630	3	0	2	69
48LC	350	5722	3	0	3	5629	2	0	2	5172	2	0	2	4972	2	0	2	5924	2	0	1	5270	3	0	1	52
	530	8501	3	0	3	8362	2	0	2	7683	2	0	2	7386	2	0	2	8801	3	0	1	7830	3	0	2	78
	700	10693	3	0	3	10518	2	0	2	9664	2	0	2	9290	2	0	2	11071	3	0	2	9849	3	0	2	103
64LC	350	7630	3	0	3	7505	2	0	2	6896	2	0	2	6629	2	0	2	7899	3	0	1	7027	3	0	2	69
	530	11334	3	0	3	11149	3	0	3	10244	3	0	3	9848	2	0	2	11735	3	0	2	10440	3	0	2	104
	700	14119	4	0	4	13888	3	0	3	12760	3	0	3	12267	3	0	3	14618	3	0	2	13004	4	0	3	138
80LC	350	8997	3	0	3	8850	2	0	2	8132	2	0	2	7817	2	0	2	9315	3	0	1	8287	3	0	2	86
	530	13493	4	0	4	13273	3	0	3	12195	3	0	3	11723	3	0	3	13970	3	0	2	12428	4	0	2	130
	700	17302	4	0	4	17019	3	0	3	15638	3	0	3	15033	3	0	3	17914	4	0	2	15936	4	0	3	172

NEW ORLEANS - NO LENS - LUMEN DATA CHART 5K																										
# LEDs	Current	T1	B	U	G	T2	B	U	G	T3	B	U	G	T4	B	U	G	T5	B	U	G	T5W	B	U	G	Wattage
32LC	350	3956	2	0	2	3891	1	0	1	3575	1	0	1	3437	1	0	1	4095	2	0	1	3643	2	0	1	34
	530	5877	3	0	3	5781	2	0	2	5312	2	0	2	5106	2	0	2	6085	2	0	1	5413	3	0	1	52
	700	7394	3	0	3	7273	2	0	2	6682	2	0	2	6424	2	0	2	7655	3	0	1	6810	3	0	2	69
48LC	350	5878	3	0	3	5782	2	0	2	5313	2	0	2	5107	2	0	2	6086	2	0	1	5414	3	0	1	52
	530	8732	3	0	3	8590	2	0	2	7892	2	0	2	7587	2	0	2	9041	3	0	1	8043	3	0	2	78
	700	10984	3	0	3	10804	2	0	2	9927	3	0	3	9543	2	0	2	11372	3	0	2	10117	3	0	2	103
64LC	350	7837	3	0	3	7709	2	0	2	7083	2	0	2	6809	2	0	2	8114	3	0	1	7219	3	0	2	69
	530	11643	3	0	3	11453	3	0	3	10523	3	0	3	10116	3	0	3	12055	3	0	2	10724	3	0	2	104
	700	14503	4	0	4	14266	3	0	3	13108	3	0	3	12601	3	0	3	15016	3	0	2	13358	4	0	3	138
80LC	350	9242	3	0	3	9091	2	0	2	8353	2	0	2	8030	2	0	2	9569	3	0	1	8513	3	0	2	86
	530	13861	4	0	4	13634	3	0	3	12527	3	0	3	12043	3	0	3	14351	3	0	2	12767	4	0	3	130
	700	17773	4	0	4	17483	3	0	3	16064	3	0	3	15442	3	0	3	18402	4	0	2	16370	4	0	3	172

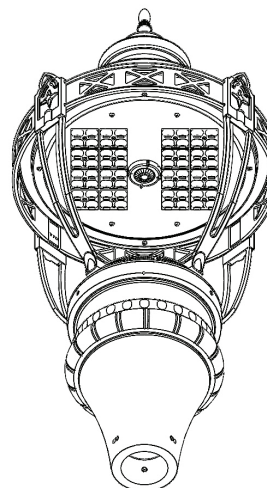
Cutoff Louver Shield

The Back Side Cutoff Louver Shield will reduce light output behind



Motion Sensor

The WSC option is only available with the 32LC or 64LC



Motion Sensor Default Setting									
Type	High Mode	Low Mode	Time Delay	Cut off Delay	Sensitivity	Hold Off Set Point	Photocell On/Off	Ramp up Time	Fade Down Time
WSC - Default	10V	1V	5 Min	1 Hour	Max	Disabled	Disabled	Disabled	Disabled
WSC Range	0-10V	0-9.8V	5-30 Min	1-5 Hours	Low, Med, Max	1-250FC	1-250FC	1-60 Dec	1-60 Dec