



LED WATTAGE CHART

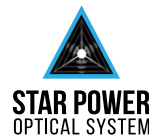
	16L	20L	32L	48L
350 milliamps		22w	33w	51w
400 milliamps	21w			
530 milliamps	28w	33w	54w	-
700 milliamps	36w	44w	71w	-
1050 milliamps	52w			

The Newport LED is a beautiful series of uplifting luminaires designed to make people feel comfortable in any retail, urban, park, or pathway setting. The patent pending Star Power LED optical system improves light efficiently offering up to 70 percent energy savings over traditional light sources, directing the light downward with the elimination of direct up light. The Newport LED comes standard with an opal lens.

Available in a range of warm to cool colors. The Newport LED is available in Amber, 2700K, 3000K, 3500K, 4000K or 5000K Kelvin. The Newport utilizes the highest lumen per watt LEDs available. The Newport Series is available from 21 to 71 watts.

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).



STAR POWER™ OPTICAL SYSTEM

The Star Power™ reflector is an excellent system which provides great value and performance. Star Power Patent number: 10168023

Project Name:

Type:

NEWPORT ORDERING GUIDE

Cat#	Shade	# of Bars	Light Dist.	# of LEDs	Milliamps
Newport 1 (NWP-1)	Shade 1 (S1)	2 Bar Mounting (2B)	Type 3 (T3)	16 (16L)	350 (35)
	Shade 2 (S2)	4 Bar Mounting (4B)	Type 5 (T5)	20 (20L) ①	400 (40) ②
	Shade 3 (S3)			32 (32L)	530 (53)
				48 (48L) ②	700 (7)
					1050 (1) ②

Kelvin	Volts	Mounting	Color	Controls Options	Options
Amber 586-600nm (AMBER) ① ① ②	120-277 (UNV)	Post Top Over 3" OD (PT3) ④	Bronze Textured (BRZ)	Custom Controls Integration (CC1) ⑤	Marine Grade Finish (MGF)
2700K, 70 CRI (27K7)			White Textured (WHT)	Button Type Photocell (PC) ⑤	Decorative Band (DB)
2700K, 80 CRI (27K8) ③			Smooth White Gloss (SWT)		Clear Lens (CL) ⑥
3000K, 70 CRI (30K7)			Silver Metallic (SVR)		Buy American Act (BAA) ⑦
3000K, 80 CRI (30K8) ③			Black Textured (BLK)		Trade Agreement Act (TAA) ⑦
3500K, 80 CRI (35K8) ③			Smooth Black Gloss (SBK)		Build America Buy American (BABA) ⑦
4000K, 70 CRI (40K7)			Graphite Textured (GPH)		
4000K, 80 CRI (40K8) ③			Grey Textured (GRY)		
5000K, 70 CRI (50K7)			Green Textured (GRN)		
5000K, 80 CRI (50K8) ③			Hunter Green Textured (HGN)		
			Custom (CS)		

Notes:

- ① Type 3 Only
- ② 350mA Max
- ③ Consult Factory for Lead Time. Consult Factory for 90 CRI Requests.
- ④ Consult Factory for other provisions.
- ⑤ Universal Voltage 120-277
- ⑥ Clear Lens utilizes (DB) Decorative Band option
- ⑦ 16L Only
- ⑧ Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
- ⑨ Turtle Safe
- ⑩ Consult factory for all BAA/TAA/BABA requests
- ⑪ Consult Factory for Lead Time
- ⑫ Not Available above 1000mA



701 Kingshill Place, Carson, CA 90746
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nslighting.com

PRODUCT SPECIFICATIONS

ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is $\geq .95$, THD maximum load is 15%
- LED Drivers Ambient Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and 105°C
- CRI 70, 80 or 90
- Color temperatures: Amber, 2700K, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplied as standard.

CONSTRUCTION

- Cast Aluminum

OPTIONS

• MARINE GRADE FINISH (MGF) - A multi-step process creating protective finishing coat against harsh environments. Chemically washed in a 5 stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.

- DECORATIVE BAND -
- CLEAR LENS -

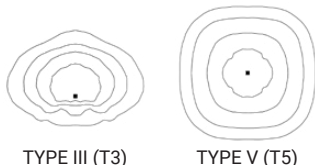
CONTROL OPTIONS

- PHOTOCELL - Button type photocell.
- Controls Agnostic: Please contact factory for your preferred controls option. (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, DALI II, Avi-On, or other control systems)

OPTICS

Star Power Optical System is 95% reflective material. Utilizes a linear diffused pattern, softening the light distribution and eliminating any dark shadows or striations.

- IES Types



FINISH

- 3-5 mils electrostatic powder coat.
- NLS Light's standard high-quality finishes prevent corrosion protects against and extreme environmental conditions

WARRANTY

Five-year limited warranty for drivers and LEDs.

LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0

BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

<https://nlsighting.com/buy-american/>



The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.



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PRODUCT SPECIFICATIONS

NEWPORT - LUMEN DATA CHART

PART NUMBER	T3 LUMENS	Lm/W	T5 LUMENS	Lm/W	WATTS
NWP-1-16L-40-27K7	1673	80	1619	77	21
NWP-1-16L-40-27K8	1566	75	1516	72	21
NWP-1-16L-40-30K8	1679	80	1625	77	21
NWP-1-16L-40-30K7	1808	86	1750	83	21
NWP-1-16L-40-35K8	1679	80	1625	77	21
NWP-1-16L-40-40K8	1808	86	1750	83	21
NWP-1-16L-40-40K7	1954	93	1891	90	21
NWP-1-16L-40-50K8	1808	86	1750	83	21
NWP-1-16L-40-50K7	1954	93	1891	90	21
NWP-1-16L-53-30K7	2408	86	2296	82	28
NWP-1-16L-53-40K7	2548	91	2436	87	28
NWP-1-16L-53-50K7	2660	95	2576	92	28
NWP-116L-7-30K7	3096	86	2952	82	36
NWP-1-16L-7-40K7	3276	91	3132	87	36
NWP-1-16L-7-50K7	3420	95	3056	92	36
NWP-1-20L-35-30K7	1892	86	-	-	22
NWP-1-20L-35-40K7	2002	91	-	-	22
NWP-1-20L-35-50K7	2090	95	-	-	22
NWP-1-20L-53-30K7	2838	86	-	-	33
NWP-1-20L-53-40K7	3003	91	-	-	33
NWP-1-20L-53-50K7	3135	95	-	-	33
NWP-1-20L-7-30K7	3641	86	-	-	44
NWP-1-20L-7-40K7	4004	91	-	-	44
NWP-1-20L-7-50K7	4180	95	-	-	44
NWP-1-32L-35-30K7	2838	86	2706	82	33
NWP-1-32L-35-40K7	3003	91	2871	87	33
NWP-1-32L-35-50K7	3135	95	3036	92	33
NWP-1-32L-53-30K7	4644	86	4428	82	54
NWP-1-32L-53-40K7	4914	91	4698	87	54
NWP-1-32L-53-50K7	5130	95	4968	92	54
NWP-1-32L-7-30K7	6106	86	5822	82	71
NWP-1-32L-7-40K7	6461	91	6177	87	71
NWP-1-32L-7-50K7	6745	95	6532	92	71
NWP-1-48L-35-30K7	4386	86	4182	82	51
NWP-1-48L-35-40K7	4641	91	4437	87	51
NWP-1-48L-35-50K7	4845	95	4692	92	51

Lumen Maintenance Data							
Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
	1050mA	38,000	96,000	93.0%	85.4%	81.8%	68.8%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			



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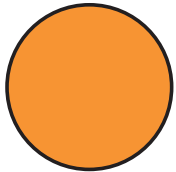
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PRODUCT SPECIFICATIONS

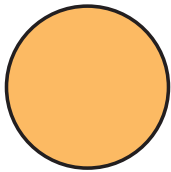
NEWPORT - BUG DATA CHART

PART NUMBER	T3	T5	Watts
NWP-1-16L-400-30K	B1-U3-G2	B1-U3-G1	21
NWP-1-16L-400-40K	B1-U3-G2	B1-U3-G2	21
NWP-1-16L-400-50K	B1-U3-G2	B1-U3-G2	21
NWP-1-16L-530-30K	B1-U3-G2	B1-U4-G2	28
NWP-1-16L-530-40K	B1-U3-G2	B1-U4-G2	28
NWP-1-16L-530-50K	B1-U3-G2	B1-U4-G2	28
NWP-1-16L-700-30K	B1-U3-G2	B1-U4-G2	36
NWP-1-16L-700-40K	B1-U3-G3	B1-U4-G2	36
NWP-1-16L-700-50K	B1-U3-G3	B1-U5-G2	36
NWP-1-32L-350-30K	B1-U3-G2	B1-U4-G2	33
NWP-1-32L-350-40K	B1-U3-G2	B1-U4-G2	33
NWP-1-32L-350-50K	B1-U3-G2	B1-U4-G2	33
NWP-1-32L-530-30K	B1-U4-G3	B2-U5-G3	54
NWP-1-32L-530-40K	B2-U4-G3	B2-U5-G3	54
NWP-1-32L-530-50K	B2-U4-G3	B2-U5-G3	54
NWP-1-32L-700-30K	B2-U4-G3	B2-U5-G3	71
NWP-1-32L-700-40K	B2-U4-G3	B2-U5-G3	71
NWP-1-32L-700-50K	B2-U4-G3	B2-U5-G3	71
NWP-1-48L-350-30K	B1-U4-G3	B1-U5-G3	51
NWP-1-48L-350-40K	B1-U4-G3	B1-U5-G3	51
NWP-1-48L-350-50K	B1-U4-G3	B2-U5-G3	51

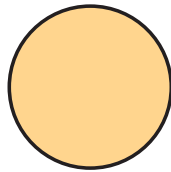
LED KELVIN RANGE



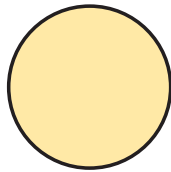
AMBER
585-600 nm



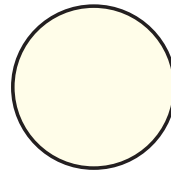
2700K 70 CRI



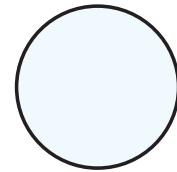
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI

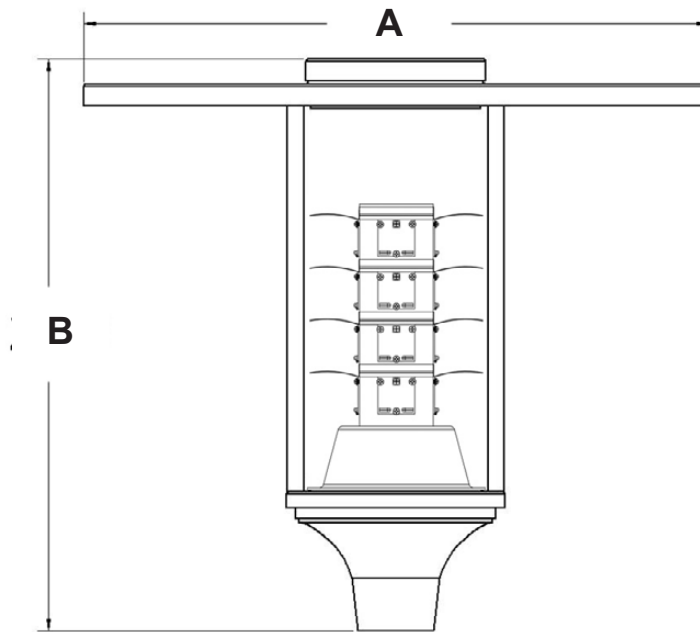


5000K 70 CRI

Color	Dominant or Peak Wavelength Range (nm)	
	Minimum	Maximum
Amber	585	600

PRODUCT SPECIFICATIONS

DIMENSION	NWP-1
A	28 in
B	25.5 in



EPA	SHADE-1	SHADE-2	SHADE-3
FRONT	.81	.79	.89
TOP	4.14	4.14	5.16

PRODUCT SPECIFICATIONS



SHADE 1



SHADE 2



SHADE 3



NWP-S1-4B

Opal Lens (Standard Lens)



NWP-S2-4B-DB-CL

4 Bar Mounting, Decorative Band
with Clear Lens



NWP-S3-2B-DB-CL

Decorative Band
with Clear Lens