



LED WATTAGE CHART

	8L	16L	32L
350 milliamps	10W	20w	40w
530 milliamps	13W	25w	51w

The KLIP is a sleek, versatile, and amazingly designed Decorative Wall Sconce offering the latest in energy efficient LED technology.

This wall mounted luminaire is available in 8, 16 or 32 LEDs at either 350, 400 or 530 Milliamps depending on the combination in available color temperatures of Amber, 2700, 3000, 3500, 4000 and 5000 Kelvin. The KLIP can be ordered as a Down Light only, Up Light only, or a Combination of Up and Down Light.

The KLIP also features a diffused tempered glass lens providing minimal glare and great uniformity. It features highly efficient long life LEDs.

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

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:

KLP ORDERING GUIDE

Cat#	Light Dist.	Optics	# of LEDs	Miliamps	Kelvin
KLP (KLP)	Up (U)	Type 4 (T4)	8 (8L) ¹	350 (35)	Amber 585-600nm (AMBER) ^{5, 7, 9}
	Down (D)		16 (16L)	400 (4) ⁵	2700K, 70 CRI (27K7)
	Up/Down (UD)		32 (32L) ²	530 (53)	2700K, 80 CRI (27K8) ¹
					3000K, 70 CRI (30K7)
					3000K, 80 CRI (30K8) ¹
					3500K, 80 CRI (35K8) ¹
					4000K, 70 CRI (40K7)
					4000K, 80 CRI (40K8) ¹
					5000K, 70 CRI (50K7)
					5000K, 80 CRI (50K8) ¹
Volts	Mounting	Color	Options		
120-277 (UNV)	Wall Mount (WM)	Bronze Textured (BRZ)	Marine Grade Finish (MGF)		
		White Textured (WHT)	Button Photocell (PC) ³		
		Smooth White Gloss (SWT)	Cutoff Louver (CL)		
		Silver Metallic (SVR)	Flat Lens (FL) ⁴		
		Black Textured (BLK)	Surge Protector (20KA)		
		Smooth Black Gloss (SBK)	Buy American Act (BAA) ⁸		
		Graphite Textured (GPH)	Trade Agreement Act (TAA) ⁸		
		Grey Textured (GRY)	Build America Buy American (BABA) ⁸		
		Green Textured (GRN)	Custom Controls Integration (CCI) ⁶		
		Hunter Green Textured (HGN)			
		Custom (CS)			

NOTES:

- Up Only or Down Only
- Only In Up/Down Light Distribution
- Universal Voltage 120-27
- Consult Factory
- 16L Only
- Please contact Factory for Custom Control Integration requests
(nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
- Turtle Safe
- Consult factory for all BAA/TAA/BABA requests
- Consult Factory for Lead Time



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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: 2700, 3000K, 3500K, 4000K, 5000K

CONSTRUCTION

- Cast Aluminum. CNC Die Formed.

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.
- Cutoff Louver
- 20KA SURGE PROTECTOR
- FLAT LENS

CONTROL OPTIONS

- BUTTON 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

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

FINISH

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

WARRANTY

Five-year limited warranty for drivers and LEDs.

LISTINGS

- UL 1598 Wet Location Compliant
- cUL Listed
- CSA C22.2

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, or typical or prorated values when measured under internal and external laboratory conditions.



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PRODUCT SPECIFICATIONS

LUMEN DATA CHART UP ONLY

Part Number	Lumens	Lm/W	System Watts
KLP-U-8L-35-30K	472	47.2	10
KLP-U-8L-35-40K	497	49.7	10
KLP-U-8L-35-50K	497	49.7	10
KLP-U-8L-53-30K	679	54.3	13
KLP-U-8L-53-40K	714	57.1	13
KLP-U-8L-53-50K	714	57.1	13
KLP-U-16L-40-27K7	971	46	21
KLP-U-16L-40-27K8	909	43	21
KLP-U-16L-40-30K8	974	46	21
KLP-U-16L-40-30K7	1050	50	21
KLP-U-16L-40-35K8	974	46	21
KLP-U-16L-40-40K8	1050	50	21
KLP-U-16L-40-40K7	1134	54	21
KLP-U-16L-40-50K8	1050	50	21
KLP-U-16L-40-50K7	1134	54	21
KLP-U-16L-53-30K	1,358	54.3	25
KLP-U-16L-53-40K	1,427	57.1	25
KLP-U-16L-53-50K	1,427	57.1	25

LUMEN DATA CHART DOWN ONLY

Part Number	Lumens	Lm/W	System Watts
KLP-D-8L-35-30K	588	58.8	10
KLP-D-8L-35-40K	618	61.8	10
KLP-D-8L-35-50K	618	61.8	10
KLP-D-8L-53-30K	844	67.6	13
KLP-D-8L-53-40K	888	71.0	13
KLP-D-8L-53-50K	888	71.0	13
KLP-D-16L-40-27K7	1208	58	21
KLP-D-16L-40-27K8	1131	54	21
KLP-D-16L-40-30K8	1213	58	21
KLP-D-16L-40-30K7	1306	62	21
KLP-D-16L-40-35K8	1213	58	21
KLP-D-16L-40-40K8	1306	62	21
KLP-D-16L-40-40K7	1411	67	21
KLP-D-16L-40-50K8	1306	62	21
KLP-D-16L-40-50K7	1411	67	21
KLP-D-16L-53-30K	1,689	67.6	25
KLP-D-16L-53-40K	1,775	71.0	25
KLP-D-16L-53-50K	1,775	71.0	25

LUMEN DATA CHART UP/DOWN

Part Number	Lumens	Lm/W	System Watts
KLP-UD-16L-40-27K7	1103	53	21
KLP-UD-16L-40-27K8	1032	49	21
KLP-UD-16L-40-30K8	1107	53	21
KLP-UD-16L-40-30K7	1192	57	21
KLP-UD-16L-40-35K8	1107	53	21
KLP-UD-16L-40-40K8	1192	57	21
KLP-UD-16L-40-40K7	1288	61	21
KLP-UD-16L-40-50K8	1192	57	21
KLP-UD-16L-40-50K7	1288	61	21
KLP-UD-16L-53-30K	1,540	57.8	27
KLP-UD-16L-53-40K	1,619	60.8	27
KLP-UD-16L-53-50K	1,619	60.8	27
KLP-UD-32L-35-30K	2,144	53.6	40
KLP-UD-32L-35-40K	2,253	56.3	40
KLP-UD-32L-35-50K	2,253	56.3	40
KLP-UD-32L-53-30K	3,081	57.8	53
KLP-UD-32L-53-40K	3,238	60.8	53
KLP-UD-32L-53-50K	3,238	60.8	53



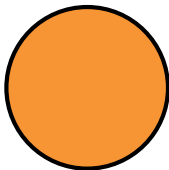
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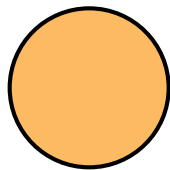
PRODUCT SPECIFICATIONS

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%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			

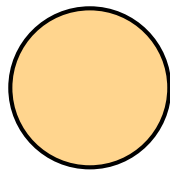
LED KELVIN RANGE



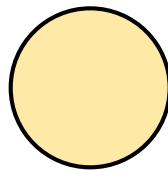
AMBER
585-600 nm



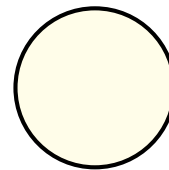
2700K 70 CRI



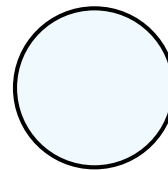
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



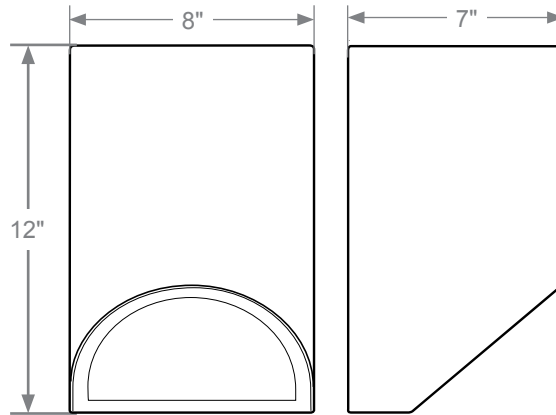
5000K 70 CRI

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

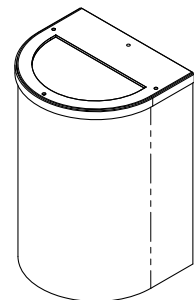
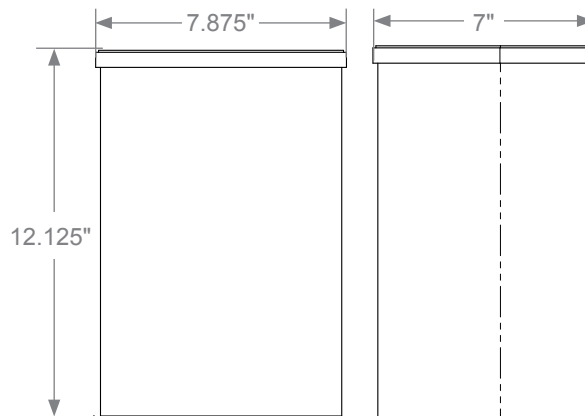
PRODUCT SPECIFICATIONS



***CUTOFF LOUVER (CL) OPTION SHOWN**



OPTIONAL FLAT LENS (FL)



PRODUCT SPECIFICATIONS

KLIP CONFIGURATION

