

NOVARA SL 450 LVC

Pole Mounted Luminaire

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DESCRIPTION

Cast aluminum and stainless steel create a synthesis of form and function in the NOVARA. The angular heavy cast aluminum housing is punctuated by distinctive cooling fins. Mounting knobs are constructed of polished high-grade stainless steel. Single or twin configurations are fitted with clear tempered glass lens. Electrical conductor is housed in attractive braided stainless steel line. Straight round pole with flush handhole is available in steel or aluminium. Steel pole and mounting bracket are hot-dip galvanized prior to being finished in finely textured paint. All hardware is stainless steel.

PROTECTED BY
PRIMAR®

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____



ORDERING INFORMATION

LUMINAIRE												
MODEL	LED MODULE	CCT	CONTROL	DISTRIBUTION	VOLT	MOUNTING	POLE HEIGHT	POLE MATERIAL	BASE COVER	MOUNTING KIT	FINISH	OPTION
NV450SL	1 1 Module	30K 3000K	DIM 0-10v Dimming	T2 Type II	UNV 120-277V	S Single	12 12' Round Straight	A Aluminum*	BC Base Cover	MK Mounting Kit (Anchor Bolts + Templates)	BL Black	HSS House Side Shield
	2 2 Modules	40K 4000K		T3 Type III		D Double	15 15' Round Straight	S Steel			DB Dark Bronze	TVSS20 20KV Surge Suppressor
				T4 Type IV			20 20' Round Straight				DG Dark Grey	GFCI GFCI Receptacle
							XX*				GG Graphite Grey	
											SG Silver Grey	
											CC Custom RAL Color	

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SPECIFICATIONS

HOUSING

Wedge-shaped housing is cast from high-grade aluminum alloy with integrated cooling fins to enhance heat dissipation. Segregated ballast compartment with separate cast aluminum cover is thermally isolated from the optical system, ensuring optimal operating environment for electrical components. Frameless tempered glass lens is sealed with closed cell silicone gasketing when closed. Hinged lens is retained by two quarter turn fasteners for tool-less access. Braided stainless steel line houses weatherproof electrical cord, terminating in watertight couplings at both ends. Housing is adjustable to 0°, 10°, 20°, 30°, or 40° above horizontal by means of two precision machined polished stainless steel knobs and locked into place with two regressed locking bolts. Hot-dip galvanized steel mounting bracket with integral slip fitter for 2 3/8" O.D. tenon has two offset rows of three stainless steel setscrews to secure and level luminaire to the pole.

OPTICS

Optics includes one LED module. The module consists of a field replaceable aluminum core PCB with four high-power LEDs and a single piece lens molded from optical quality acrylic. Light distributions include a choice of Type II, III, or IV optics. Luminaire emits zero uplight at 90 degrees horizontal and above and is suitable for use in all LEED lighting zones. CRI is 80+.

LED DELIVERED LUMEN OUTPUT / BUG RATING

3000K

1 Module:

Type II: 2534 lumens / B1-U0-G0

Type III: 2563 lumens / B1-U0-G0

Type IV: 2320 lumens / B1-U0-G0

2 Modules:

Type II: 5068 lumens / B1-U0-G1

Type III: 5126 lumens / B1-U0-G1

Type IV: 4639 lumens / B1-U0-G1

3 Modules:

Type II: 7602 lumens / B1-U0-G1

Type III: 7689 lumens / B2-U0-G1

Type IV: 6959 lumens / B2-U0-G1

4000K

1 Module:

Type II: 2699 lumens / B1-U0-G0

Type III: 2730 lumens / B1-U0-G1

Type IV: 2470 lumens / B1-U0-G1

2 Modules:

Type II: 5398 lumens / B1-U0-G1

Type III: 5459 lumens / B2-U0-G1

Type IV: 4941 lumens / B1-U0-G1

3 Modules:

Type II: 8096 lumens / B2-U0-G1

Type III: 8189 lumens / B2-U0-G1

Type IV: 7411 lumens / B2-U0-G2

NOTE: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for current technical data.

ELECTRICAL

Electronic LED driver supplies 700mA drive current to LED modules with input voltage range from 120v through 277v at 50/60Hz. Power consumption is 36 watts for models with one module, 72 watts for models with two modules, or 108 watts for models with three modules. Optional 0-10v DC dimming is available on request.

MOUNTING

Straight round steel pole is manufactured from cold drawn over mandrel, electric-weld, mechanical round steel tubing with nominal wall thickness of 0.142". Flush mounted hand hole cover is plasma cut with kerf not to exceed 1/8" and includes triangular tamper-resistant locking device. Tenon is machined and inserted into the pole shaft then plug welded, showing no visible weld at the transition. Shaft is hot-dip galvanized with coating inside and out, then lightly sanded prior to painting. Base cover is one-piece 0.080" spun aluminum and finished to match the pole. Specify pole height of 12', 15', or 20' overall nominal height.

FINISH

Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special colors available on request.

WARRANTY

Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.



LUMINAIRE WEIGHT:

59 lbs

LUMINAIRE EPA:

1.1 sq ft

CERTIFICATION

CSA/US Certified for Wet Locations

INGRESS PROTECTION

IP54

EXPERIENCE
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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear on www.hessamerica.com are the most recent ones available.

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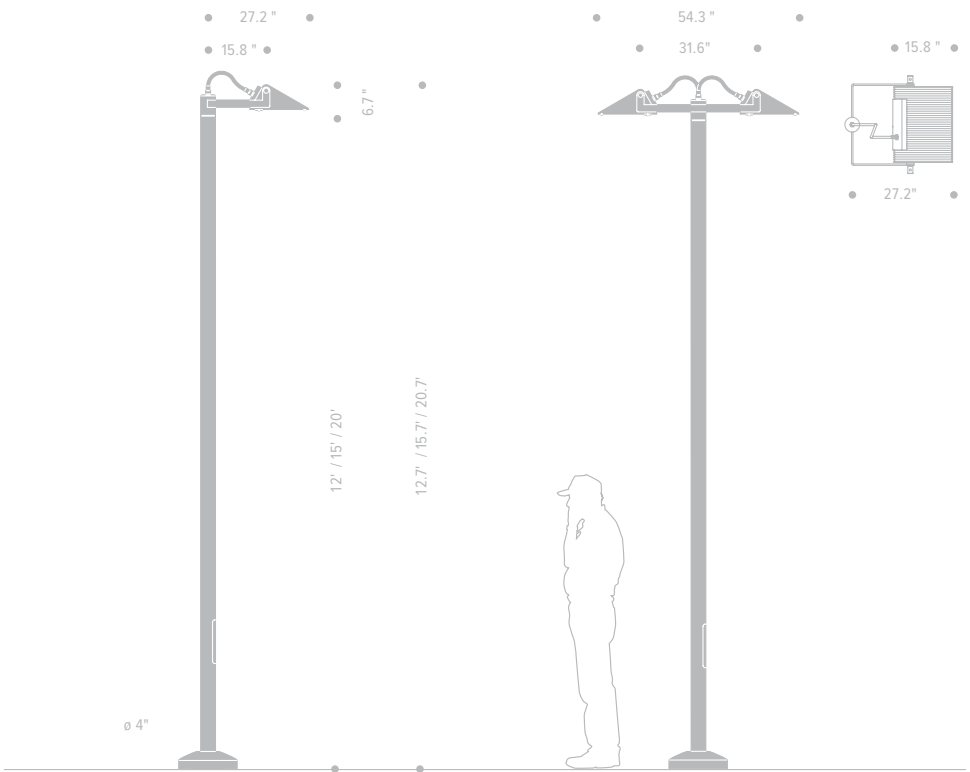
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DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.

