

Catalog Number	
Notes	Type

SVLED3

Sign-Vue® LED 3



SPECIFICATIONS

General Construction

Rugged cast aluminum alloy door and housing, allows for corrosion resistance and long life. U-bolt arm mount with +0/-5 degree vertical adjustment provides easy, secure installation and adjustability for arms 1.25 in. round (1.66 in. O.D.) or 1.5 in. square pipe (AMT mount), 1.50 in. round pipe (1.90" O.D.) (ARM mount), top or bottom mount. Also available with plate style mount (PLM) with two 3/4-14 NPT threaded side entries. Stainless steel tool-less latch disengages top optical door for easy access to terminal block, surge protection module, and LED driver. Removable optical door for ease of installation. Quick disconnect connectors for ease of installation and maintenance.

Environmental

- Luminaire designed and tested to comply with ANSI C136:31 2001 for 100,000 cycles at 3.0G acceleration for bridges and overpasses.
- The range of luminaire operation is -40°C to +40°C.
- Luminaire assembly meets dust and moisture rating of IP-66 per IEC 60529, ensuring long component life and protection from the environment.
- The luminaire is finished with polyester paint applied after a pretreatment process to ensure maximum durability. The finish shall pass the 5000 hour salt fog test per ASTM B117 and D1654 standards, with a scribe rating ≥7.

Regulatory

- Cycling and Condensing Humidity testing per Acuity Brands validation Test Specification 902-00007-001
- The luminaire is safety listed to CSA-C22.2 number 25, wet location, 40°C ambient.
- The luminaire is ROHS compliant. Luminaire meets EMI compliance per FCC Title 47 CFR Part 15, Class A.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Electrical

- Standard surge protection is 20kV/10kA "Extreme Level" per ANSI C136.2, with indicator light.
- The luminaire is designed to conform to ANSI C82.77:2002 for Maximum Total Harmonic Distortion (THD) <20%. Inrush current complies with NEMA410:2004 table B-2 and line Fluctuations and Ramp input voltage per UL 991:2004.
- The luminaire conforms to Electromagnetic compatibility tests for Electrostatic Discharge (ESD) per IEC 61000-4-2:2001, Level 4.
- All drivers have (0-10 volt) dimming capability.
- LED light engines are rated >100,000 hours at 25°C ambient
- Electronic driver has an expected life of >100,000 hours at 25°C ambient

Optical

- Highly engineered silicone optics, paired with borosilicate glass refractor provide overlapping and repeatable distribution from each light module eliminating dark spots and providing industry leading uniformity.
- The luminaire is available with LED color temperature of 3000K, 4000K or 5000K. The minimum color rendering index (CRI) is 70 minimum, with an 80 CRI option.
- Reference www.Holophane.com for individual photometric tests on Sign-Vue LED 3 luminaire that are tested per LM79 guidelines.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

ORDERING INFORMATION

Example: SVLED3 SVL PK3 50K 70CRI MVOLT AMT GYSDP

Series	Optic	Performance Package	Color Temperature	Color Rendering Index	Voltage
SVLED3 Sign-Vue LED 3	ADL Ad-Vue Optic	PK1 6,300 Lumens ¹	30K 3000K	70CRI 70 CRI	MVOLT Auto-sensing Voltage (120-277V)
	PNL Panel-Vue Optic	PK2 10,100 Lumens	40K 4000K	80CRI 80 CRI	HVOLT Auto-sensing Voltage (347/480V)
	SVL Sign-Vue Optic	PK3 13,900 Lumens	50K 5000K		XVOLT Enhanced power quality protection (277-480V)
		PK4 15,500 Lumens			24VDC 24V DC ^{2,3}
		PK5 19,000 Lumens			
		PK6 20,700 Lumens			

Mounting Method	Finish	Options	Accessories
AMT Standard Round pipe mount, 1.25" round (1.66" O.D.), 1.5" square, with front wire access	BNSDP Brown Super Durable BKSDP Black Super Durable	AO Field Adjustable Output	SVLEDF1FUS10 Single Fuse Kit SVLEDF2FUS10 Double Fuse Kit
PLM Plate style mount with four 0.224" mounting holes and two threaded conduit side entries.	GYSDP Gray Super Durable GHSDP Graphite Super Durable		RK3SVLED3 Side Shield Kit BKSDP Side Shield kit painted Black RK3SVLED3 Side Shield Kit BNSDP Side Shield kit painted Brown
ARM 1.50" round pipe (1.90" O.D.), mount front wire access	WHSDP White Super Durable		RK3SVLED3 Side Shield Kit GHSDP Side Shield kit painted Graphite RK3SVLED3 Side Shield Kit GYSDP Side Shield kit painted Gray RK3SVLED3 Side Shield Kit WHSDP Side Shield kit painted White

Notes:

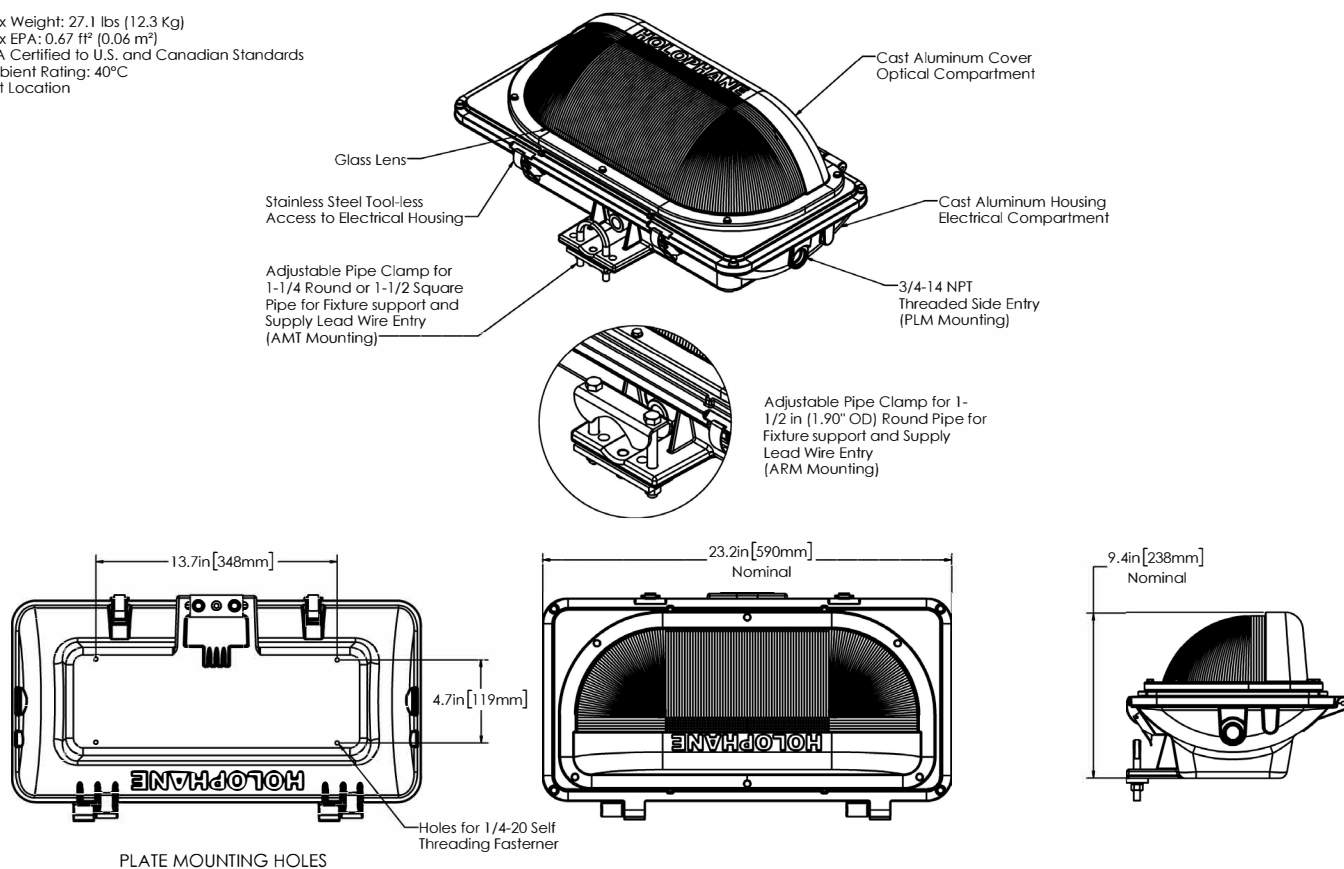
- Not available with HVOLT or XVOLT
- PK1 Performance Package Only
- 30°C to +40°C ambient only

SVLED3

Sign-Vue® LED 3

DIMENSIONAL DATA

Max Weight: 27.1 lbs (12.3 Kg)
Max EPA: 0.67 ft² (0.06 m²)
CSA Certified to U.S. and Canadian Standards
Ambient Rating: 40°C
Wet Location



OPERATING CHARACTERISTICS

Performance Package	Optical Distribution	Input Watts	3000K 70CRI		4000K 70CRI		5000K 70CRI		LLD @ 25°C		
			Lumens	LPW	Lumens	LPW	Lumens	LPW	50k hours	75k hours	100k hours
PK1	ADL	42	6,006	143	6,117	146	6,228	148	0.92	0.88	0.85
	SVL		6,068	144	6,181	147	6,293	150			
	PNL		6,006	143	6,117	146	6,228	148			
PK2	ADL	72	9,684	135	9,863	137	10,043	139	0.91	0.87	0.82
	SVL		9,785	136	9,966	138	10,148	141			
	PNL		9,684	135	9,863	137	10,043	139			
PK3	ADL	104	13,302	128	13,548	130	13,795	133	0.89	0.80	0.8
	SVL		13,441	129	13,690	132	13,939	134			
	PNL		13,302	128	13,548	130	13,795	133			
PK4	ADL	110	14,793	134	15,067	137	15,341	139	0.90	0.86	0.81
	SVL		14,949	136	15,226	138	15,503	141			
	PNL		14,793	134	15,067	137	15,341	139			
PK5	ADL	130	18,130	139	18,466	142	18,802	145	0.91	0.87	0.83
	SVL		18,320	141	18,660	144	18,999	146			
	PNL		18,130	139	18,466	142	18,802	145			
PK6	ADL	139	19,734	142	20,100	145	20,466	147	0.91	0.86	0.82
	SVL		19,942	143	20,311	146	20,681	149			
	PNL		19,734	142	20,100	145	20,466	147			

80CRI Lumen Multiplier: 0.94

24VDC UNIT PERFORMANCE

Performance Package	Optical Distribution	Input Watts @ 24VDC	3000K 70CRI		4000K 70CRI		5000K 70CRI		LLD @ 25°C			Input Operating Amps		
			Lumens	LPW	Lumens	LPW	Lumens	LPW	50k hours	75k hours	100k hours	21VDC	24VDC	27VDC
PK1	ADL	52.5	7,689	146	7,831	149	7,974	152	0.92	0.88	0.85	2.5	2.2	2.0
	SVL		7,769	148	7,913	151	8,057	153						
	PNL		7,689	146	7,831	149	7,974	152						

THE FIELD ADJUSTABLE OUTPUT (AO OPTION) MODULE

FAO Position	Lumen %	Wattage %
8	100%	100%
7	93%	91%
6	85%	81%
5	72%	66%
4	57%	50%
3	45%	39%
2	34%	28%
1	21%	17%

