

LED STREET LIGHT

Power: 20W-150W, up to 500W replacement



VL-SHARK SERIE

UP TO **155** LM/W
www.ledsol.be



LED STREET LIGHT

Optical System

- Precision engineered individual lenses made of optical grade Mitsubishi polycarbonate for maximum light intensity.
- Micro-lens systems produce IESNA Type II, Type III, Type IV distributions. Luminaire produces 0% total lumens above 90°(BUG Rating, U=0)
- Delivers improved visual comfort by lower glare and providing a wider smoother and more uniform light output.
- Optical systems maintain an IP66 rating.
- Available in 3000K, 4000K, 5000K, 5700K CCT.
- Efficacy 150lm/W as standard, higher lumen output, precision light pattern ensure more energy saved.
- Cutoff classification: Cutoff, no uplight pollution.
- Minimum CRI of 70, 80, and 90 optional.
- With Tempered Glass cover.

Finish

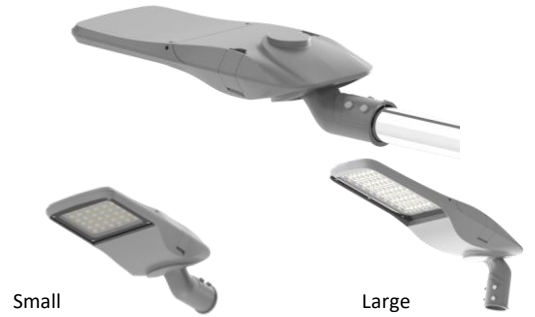
- Rugged, weather-tight design and 3G Vibration ratings ensure durability, even in harsh environments.

Construction

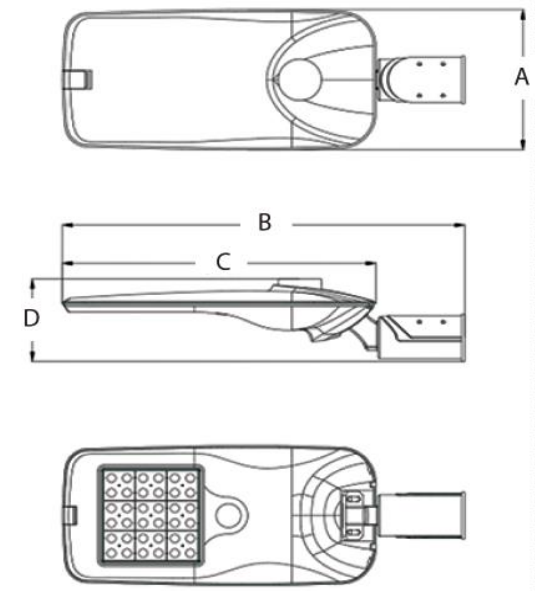
- Heavy-duty die-cast aluminum housing and door. IK10 and Anti-corrosion.
- Tool-less entry hinged removable door for easy maintenance.
- Automatic electrical disconnection: Built-in circuit breaker, tool free electrical gear tray.
- UV stabilized polyester powder paint finish for durability and corrosion resistance.
- Multiple Mounting options: post top and side entry installation available.
- Mounting has leveling adjustment from -15° to +15°.
- 3G vibration rated

Electrical

- 0-10V/ PMW/ Timer dimming, 3 Timer Modes, Dim-to-Off with Standby Power ≤ 0.5W
- Constant current ClassII driver, 100-277Vac, 50-60Hz.
- High efficiency driver: up to 93.5%, minimum efficiency 87.5%.
- Input Surge Protection: 6kV line-line, 10kV line-earth.
- Photocell, 20KV SPD available.



Fixture Dimensions



A	B	C	D
Dimension of VL-(20SH-75SH)			
238mm	650mm	505mm	140mm
Dimension of VL-90SH, 120SH and 150SH			
290mm	765mm	620mm	145mm

CERTIFICATIONS/LISTINGS



ORDERING INFORMATION

LS							
WATTS	VOLTAGE	LED CHIPS	SENSORS	CCT & CRI	DISTRIBUTION	HOUSING	OPTIO
20SH	NV=100-277V	L3=Lumileds3030	00=Without	3070=3000K 70CRI	T2=Type II	SG=SILVER GRAY	10KV SPD
30SH		L5=Lumileds5050	Sensor	4070=4000K 70CRI	T3=Type III		20KV SPD
40SH		O5=Osram5050	PH=Photocell	5070=5000K 70CRI	T4=Type IV		
50SH			DV=Dimmable	5770=5700K 70CRI			
60SH				3080=3000K 80CRI			
75SH				4080=4000K 80CRI			
90SH				5080=5000K 80CRI			
120SH				5780=5700K 80CRI			
150SH							



WARRANTY

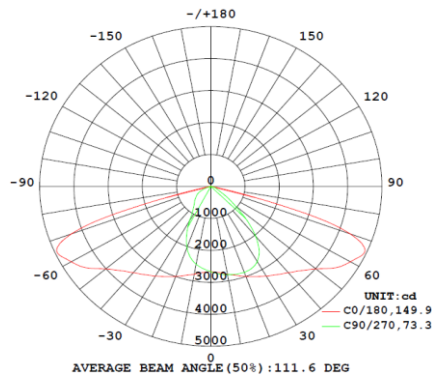
5-year standard warranty, 10-year warranty optional. Please consult with LED SOL sales for detailed agreement.

TECHNICAL SPECIFICATIONS

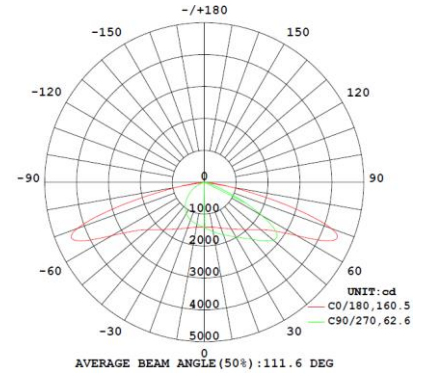
Model	LIGHT OUTPUT	Replace Up To	WATTS	IP & IK	DISTRIBUTION	Fixture Dimension	NW	MAXIMUM CURRENT
VL20SH	3100lm	80W	20W	IP66 & IK08	Type II, Type III, Type IV	25.6*9.4*5.5" (65*24*14cm)	9.7lbs (4.4kg)	0.22A
VL30SH	4641lm	100W	30W					0.33A
VL40SH	6000lm	150W	40W					0.44A
VL50SH	7520lm	150W	50W					0.55A
VL60SH	9024lm	200W	60W					0.66A
VL75SH	11898lm	250W	75W			0.88A		
VL90SH	13110lm	300W	90W			1.00A		
VL120SH	16030lm	400W	120W			30.6*11.4*5.7" (76.5*29*14.5cm)	13.9lbs (6.3kg)	1.35A
VL150SH	19236lm	500W	150W					1.65A

PHOTOMETRY

Type II



Type III



All published Luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited Laboratory.

Construction Features

