LOGOS LED

Product Specifications
(HELENA LED VAPOR LIGHT)

The Helena LED Vapor Light is a robust lighting solution designed for longevity and reliability. Crafted with a polycarbonate body and diffuser, this light features an internal aluminum heat sink that enhances durability while offering high impact and UV resistance. Its dust and waterproof structure, rated at IP65, ensures optimal performance in challenging environments. Equipped with premium LEDs and a high-quality power supply, the Helena guarantees an extended product life and consistent performance. Installation is swift and straightforward, making it an ideal replacement for existing fixtures. Enjoy a remarkable lifespan of over 50,000 hours with a 5-year warranty, ensuring peace of mind and sustained excellence.
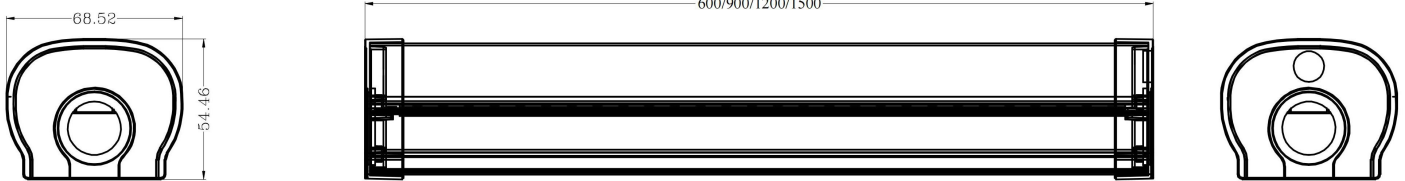
Features

- Polycarbonate body and diffuser, aluminum heat sinking inside, high impact resistance, UV resistance;

- Adopt dust and waterproof structure design, protection level IP65;

- Use branded LEDs and power supply, to ensure the product reliability and life expectancy;

- Fast and easy installation to replace existing lighting fixtures;

- Long lifetime over 50,000 hours, 5 years warranty.

Technical Specifications

Model No.	LGS-TPLHL-06-20W	LGS-TPLHL-09-30W	LGS-TPLHL-12-40W	LGS-TPLHL-15-50W
Power	20W	30W	40W	50W
Lumen Output	2600lm	3900lm	5200lm	6500lm
Lumen Efficiency	130lm/w			
CCT	3000/4000/5000/5700/6500K			
CRI	Ra>80(Ra>90 optional)			
Light Decay Rate	Less than 3% in 6,000Hours			
Lifespan	≥50,000Hrs			
Input Voltage	220-240VAC 50/60Hz			
Power Factor	PF>0.9			
THD	<15%			
Driver Brand	Philips/Osram			
Material	Polycarbonate housing+Polycarbonate diffuser+Aluminum heat sinking			
Degree of Protection	IP65			
Dimensions	L600*W69*H55mm	L900*W69*H55mm	L1200*W69*H55mm	L1500*W69*H55mm
Appearance	White			
Installation	Mounted/Suspended			
Working Temperature	-30℃~+50℃			
Storage Temperature	-40℃~+70℃			
Certificate	CE, RoHS			
Warranty	5 years			
Optional Functions	Dimming on Request			

Dimensions and Drawings

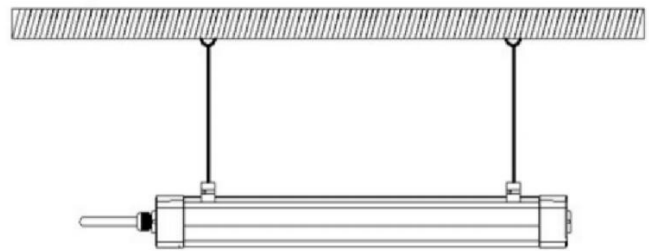Unit: mm

68.52

54.46

600/900/1200/1500

Installations

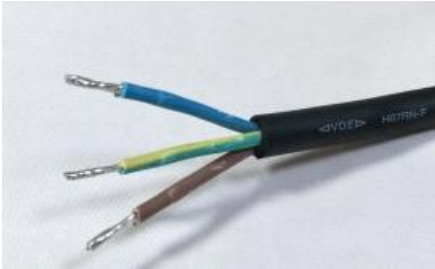**Surface Mounted**

Suspended

Ceiling Mounted Bracket

Suspension Wire Kits

Installation accessories
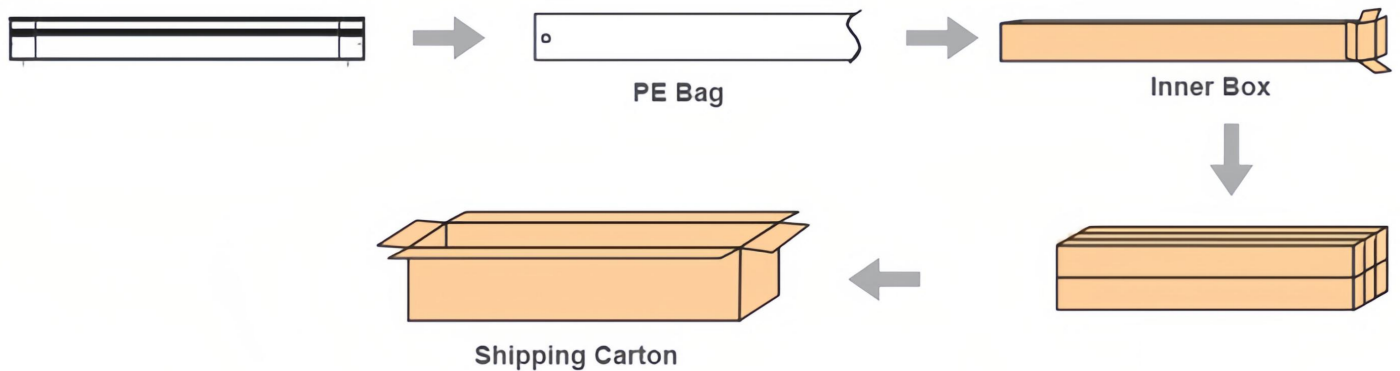
SUS304 Stainless Steel

Wiring Diagram

VDE Approval rubber cable

Item code	3 core cables
L	Brown
N	Blue
GND	Yellow/Green

Package

PE Bag

Inner Box

Shipping Carton

Installation Requirements

1. Power off before installation, and read the instruction carefully;

2. Make sure the installation material can endure the lamp weight;

3. Connect lamp wire to match power wire, and seal the joint with insulation;

4. No matter which kind of installation method, the lamp must be installed reliably to prevent loosening and falling off.

Notice

1. Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;

2. Please confirm the input voltage, frequency before use;

3. This product must be installed by professionals;

4. If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use it;

5. Dangerous high voltage, non-professionals are not allowed to maintain the product;

6. If external soft cable or soft wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.

Applications

LED vapor lights are mostly used to public lighting, commercial lighting and industrial lighting applications:

· Underfloor cars parking lot

· Supermarkets, shops, hotels

· Stockrooms, warehouses, workshops

· Airport/Train/Bus station waiting rooms, etc