



26 COWPER STREET, FIRST FLOOR,
LONDON. UNITED KINGDOM
EC2A 4AP

Spec Sheet ASTON LED Liverpool Linear

LVP01



Introduction



LVP01 is a high-quality linear LED with high luminous efficacy (115lm/w). With a reliable and robust housing structure (IK10 & IP66), this maximizes the endurance and contributes to its long lifetime. With its flexible installation accessories, it can be used in a wide variety of applications. Three size in length (700mm, 1300mm, 1600mm), and various lumens package, let it to be the ideal replacement for traditional fluorescent fixtures.

Features

1. LED linear Light, compact design and suitable for both indoor and outdoor applications.
2. 5-year warranty
3. Input Voltage: AC 100-277V, suitable for all the markets.
4. Elegant outlook with rearwards-directed light to illuminate the ceiling.
5. CRI: Ra>80
6. IP rating: IP66; Impact Protection: IK10
7. LED service life: approx. 65,000 hours @L70/B10 25°C.
8. End caps: made of shockproof polycarbonate (PC).
9. Extruded PC opal diffuser with inner prisms and UV resistant, providing homogenous light distribution.
10. Flexible installation through sliding mounting bracket. Ideal for luminaire replacement.
11. Providing through-wiring for further luminaires (Safety class II) connection.

Applications

- Car parks, warehouses
- Factories
- Workshops, underground areas
- Other heavy dust area

Certifications



Technical Specifications

Model No.	LVP01-1300-40	LVP01-1600-40	LVP01-1600-50
Power Consumption	40W	40W	50W
Luminous Flux (± 5%)	4,680 lm	4,680 lm	6,000 lm
Efficacy (5000K, Ra70)	115 lm/w		
CCT	5,000 K (4,000 K optional)		
CRI	Ra80		
Input Voltage	100-277V		
Frequency	50/60 Hz		
Power Factor	≥ 0.90		
Product Dimension	1,300*78*53.5 mm	1,600*78*53.5 mm	
Luminaire Net Weight	0.8 ± 0.05 kg	1 ± 0.05 kg	
Material	Shockproof polycarbonate body		
Mounting Option	Loop Hanging / Ceiling Mounting / Wall Mounting		
Operating Temperature	-20°C to 45°C		
Life Time	> 65,000 Hrs		
Dimmable	No		
IP/IK Rating	IP66; IK10		
THD	≤ 20%		
Warranty	3 years (5 years optional)		

Driver data Sheet

Driver data	Main Power
Input rated Voltage	AC100-277V
Frequency	50/60Hz
Input Voltage	AC90-305V
Efficiency	≥86%
Total load Wattage	40W±5%
Power Factor	≥0.9
Rated input current	≤0.45A
Full load output Voltage	DC65-75V
Rated output current	260mA*2
Output current range	(260mA*2)±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS

Over voltage protection	PASS
Over temperature protection	PASS
THD	≤20%
Withstand voltage	—

Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
40W	II	IP66	-20oC~45oC	0~90%	-20oC~65oC