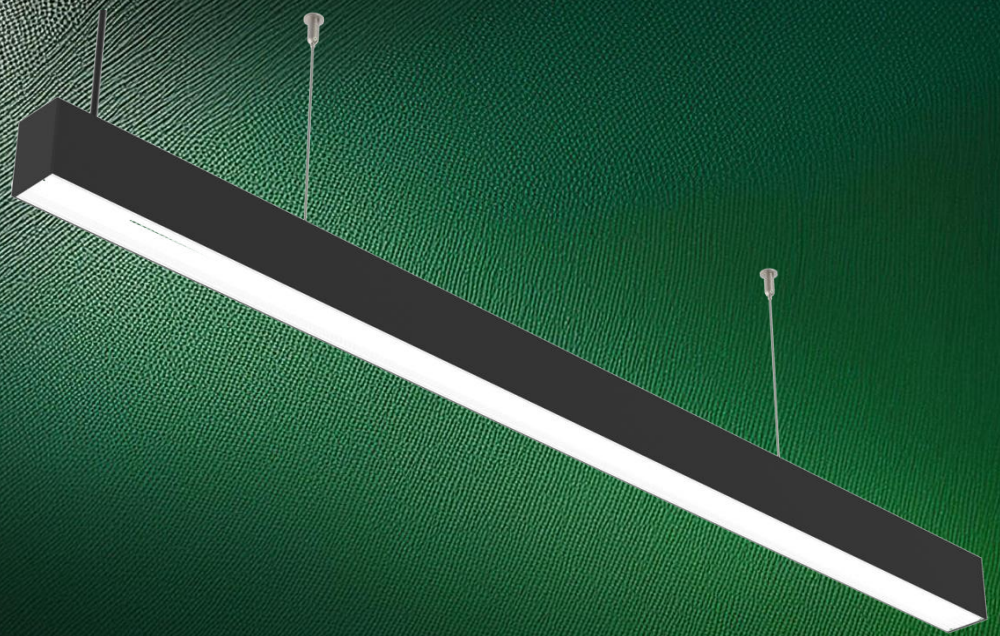




Vesta 5070

LED O-Line Linear Series



Vesta 5070 O-Line Linear

The Vesta 5070 O-Line Linear Series offers sleek, modern lighting designed for both commercial and residential spaces. These fixtures create continuous, seamless lines of illumination, which can be interconnected to form long, uninterrupted runs, enhancing any environment's architectural appeal. Available in versatile black and white finishes, the Vesta O-Line 5070 fits various design styles. With dimensions of 1200mm, and 1500mm, it offers flexible installation for offices, retail spaces, homes, and hospitality settings.

Customizable layout options include "T," "X," or "L" shapes, allowing you to design the ideal lighting for your space. Easily link up to 10 lights without visible wires or gaps for a uniform, aesthetically pleasing appearance that reduces installation time and costs. The sleek, screwless design is free of visible hardware. Delivering high lumen efficiency ($>130\text{lm/w}$), the Vesta O-Line 5070 provides bright, energy-efficient illumination. Optional $\text{UGR}<19$ and $\text{UGR}<24$ continuous diffusers (up to 20 meters) reduce glare, enhancing visual comfort. The 6063 aluminum holder and soft PC diffuser ensure lightweight, corrosion-resistant durability, with even, smooth light distribution free of hot spots or shadows.

Suitable for pendant, surface, wall, recessed, or track mounting, the Vesta O-Line 5070 is adaptable to any design, making it the perfect solution for creating sophisticated, cohesive lighting schemes.





Inspiration

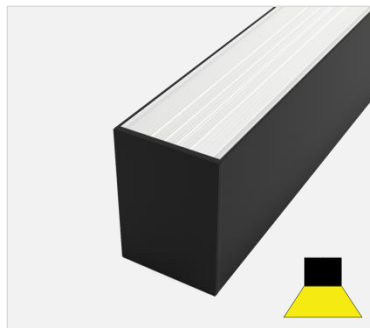


Linear LED lights offer endless creative possibilities, seamlessly connecting to form continuous lines of light that bring architectural designs to life. With the ability to interlink in straight runs or connect using L, X, or T pieces, these fittings inspire innovative layouts that enhance both form and function. Whether highlighting clean lines in a modern interior or adding dynamic shapes to a commercial space, linear LEDs deliver a sleek, tailored lighting solution that sparks the imagination.

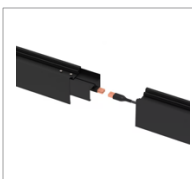
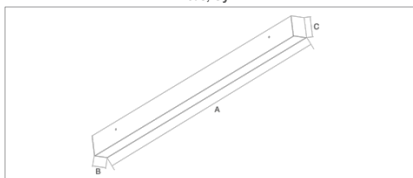
Human Centricity



Linear LED lights with low glare (UGR<19) and excellent light uniformity are designed to support well-being and productivity in modern work environments. By minimizing visual discomfort and reducing eye strain, they create a comfortable atmosphere that enhances focus and concentration. Their seamless interconnection—whether in straight lines or through L, X, or T connectors—allows for tailored lighting layouts that align with architectural and human needs alike. The result is a visually harmonious and ergonomically balanced workspace where lighting truly supports the people who use it.



MODEL	Vesta 5070A O-Line Series (Downward Lighting)
WATTAGE	20W 40W 50W
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	110°
MATERIAL	Matt white or black
	Aluminum Alloy, PC Diffuser
DRIVER	Constant current remote LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas, Gym



Model	Watts	DxH(mm)	Length mm	Lumen(lm/w)
L5070A	40W	1200(L)x50(W)x70(H)	1200	130
	50W	1500(L)x50(W)x70(H)	1500	
L5070B	40W	1200(L)x50(W)x70(H)	1200	130
	50W	1500(L)x50(W)x70(H)	1500	

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 5700K
Colour Rendering Index (CRI)	>80 standard; >90/95 optional; COI Optional
SDCM	<3
Beam Angle	110° (UGR<24) 80° (UGR<19)
UGR	<24 <19 optional

PERFORMANCE

System Wattage	40W 50W
Luminous Flux(±10%)	5200lm 6500lm
Luminaire Efficacy	130lm/W

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V
Sensor	Optional
Emergency	Optional
Power Supply	Boke Osram Tridonic
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	0,1
Inrush Current	
Driver Lifetime	> 100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Surface Suspended Recessed

TECHNICAL DATA

Certifications	ENEC/CB/SA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING & FINISH

Housing Material	Aluminum
Diffuser	Opal PC
Housing Finish	Powder Coating
Finish Colour	Matt white or black
Weight (Kg)	1.2kg 2.2kg 2.6kg
IP Rating	IP20
IK Rating	IK5

LIFETIME OF THE LEDS @ TA 25°C

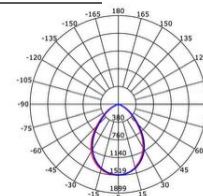
Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<100,000hrs

ORDERING INFORMATION

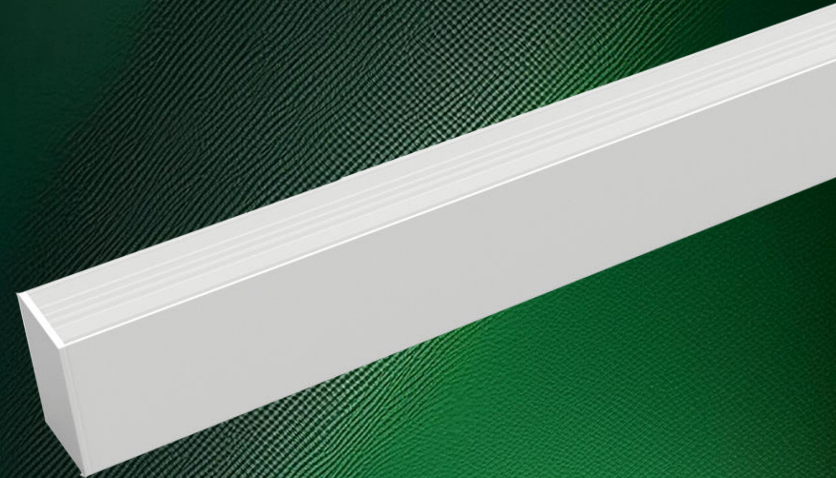
Example: **L5070A-N-40-50-110-120-S-B**

Model	Dimming	Wattage	CCT	Beam	Length	Mounting	Colour
L5070A	N	40W	50	110	120	S	W
L5070A UGR>22	N NonDim	40W	30 3000K	110°	120 1200mm	S Surface	W White
L5070B UGR<19	T Triac Dim	50W	40 4000K	80°	150 1500mm	P Suspended	B Black
	V 0/1-10V Dim		50 5000K			R Recessed	
	D DALI Dim		57 5700K				

PHOTOMETRIC DATA



110° 40W 4000K



Genesis One Lighting (Pty) Ltd

www.genesisone.co.za

sales@genesisone.co.za

Unit 27 Northlands Retail Park

210 Epsom Ave

Northriding

2169