Market-leading, industrial & commercial, non-corrosive style linear light fittings - Developed for advanced inspection pits, underpasses, spray booths and custiodial applications.

10W-44W series power range - 1ft-5ft - IK10 impact & IP65 ingress resistance - >130lm/W family efficacy - Integrated, standalone, & wireless network, intelligent control available

CE, RoHS, international product marks

Vanguard Series
Spray Booth and Ceiling Light

CDN:SPEC239REV0

Technical Specifications Summary

VAN-##A1

VAN-##D2

Performance Summary:

Code (Series-Wattage/Size)	VAN-##A1	VAN-##B1	VAN-##B2	VAN-##C1	VAN-##C2	VAN-##D1	VAN-##D2
Enclosure	Corner	Corner	Rectangular	Corner	Rectangular	Corner	Rectangular
Nominal Power Options	10W, 13W, 16W, 18W	15W, 18W, 22W, 25W		21W, 25W, 30W, 36W		25W, 31W, 37W, 44W	
Luminaire Efficacy @ CRI>80, 5000K CCT	130lm/W						
Lumen Output @ CRI>80, 5000K CCT	1,300 to 2,340lm	1,950 to 3,250lm		2,730 to 4,680lm		3,250 to 5,720lm	
Lumen Maintenance (TM21 Calculated)	L80B10 ≥100,000 hours						
Certification	CE, RoHS						
Product Warranty	5 Years						

Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Jufei 2835
Light Emmission	Direct
CCT	5000K, (3000K, 4000K, 6500K optional)
CRI	≥80Ra
SDCM	<3
Diffusers	Frosted
Symmetric Light Distribution	105°

Electrical Parameters:

Driver Brand	Boke
Input Voltage	220-240VAC
Input Frequency	50-60Hz
Qty of Drivers per Light	1
Power Factor	>0.9
THD	<20% (220-240VAC)
Insulation Class	Class I

Environmental Parameters[1]:

IP Rating	IP65
IK Rating	IK10
Ambient Usage Tolerance	-20°C to 40°C

Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	328 x 120 x 120	628 x 120 x 120	628 x 160 x 78	1195 x 120 x 120	1195 x 160 x 78	1439 x 120 x 120	1439 x 160 x 78
Electrical Connection	Terminal Block						
Fixture Weight[2]	2.04kg	3.25kg	3.93kg	6.56kg	7.25kg	7.75kg	8.10kg
Fixture Primary Material(s)	Steel						
Lens(es) Materials	UV Stabilised Polycarbonate						

Technical Specifications Summary

Code (Series-Wattage/Size)	VAN-##A1	VAN-##B1	VAN-##B2	VAN-##C1	VAN-##C2	VAN-##D1	VAN-##D2
Dimming/Controls Parameters:							
Dimming Options				1-10V, DALI			
Compatible intelligent lighting systems				Wireless Controls and Monitoring			
Options/Accessories:							
Mounting Styles				Surface Mounting			
Available Product Colours				White, Black			

[1] Details are for D1 non-dimming driver. Refer to alternative driver data sheets for their details
[2] Excludes bracketry. Refer to the Packaging Weights & Dimensions data sheet for bracketry and accessory weights

Please note - images shown are intended to be illustrative only. For exact data,
please refer to specific product photometry, available for download from our website.

Indicative Product Photometry

105° Optic

ISOLUX DIAGRAM

POLAR DIAGRAM
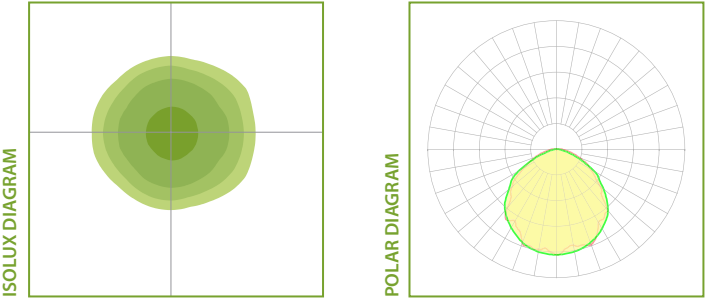
Diffusers

This series is available with the following diffusers. Each diffuser will have a varying effect on photometric distribution and intensity.
Please refer to downloadable photometrics for exact data.

Frosted Diffuser

Colourations on isolux diagrams are qualitative, i.e. the same colour on any two isolux diagrams will not necessarily have the same lux value.

Product Ordering Codes

Corner Enclosure

PRODUCT	POWER & SIZE	TYPE	CRI & CCT	OPTIC	DRIVER	MOUNTING	COLOUR
VAN	**##A** 10W, 13W, 16W & 18W AVAILABLE 328mm	**1** CORNER ENCLOSURE	**830** CRI >80, 3000K	**FR** FROSTED DIFFUSER	**D1** NON-DIM	**SM** SURFACE MOUNT	**WH** WHITE
	##B 15W, 18W, 22W, 25W AVAILABLE 628mm		**840** CRI >80, 4000K		**D3** DALI		**BL** BLACK
	##C 21W, 25W, 30W, 36W AVAILABLE 1195mm		**850** CRI >80, 5000K				
	##D 25W, 31W, 37W, 44W AVAILABLE 1439mm		**865** CRI >80, 6500K				

Product Ordering Code Examples:
VAN-22B1-830-FR-D1-BL
VAN-36D1-850-FR-D3-WH

Rectangular Enclosure

PRODUCT	POWER & SIZE	TYPE	CRI & CCT	OPTIC	DRIVER	MOUNTING	COLOUR
VAN	**##B** 15W, 18W, 22W, 25W AVAILABLE 628mm	**2** RECTANGULAR ENCLOSURE	**830** CRI >80, 3000K	**FR** FROSTED DIFFUSER	**D1** NON-DIM	**SM** SURFACE MOUNT	**WH** WHITE
	##C 21W, 25W, 30W, 36W AVAILABLE 1195mm		**840** CRI >80, 4000K		**D3** DALI		**BL** BLACK
	##D 25W, 31W, 37W, 44W AVAILABLE 1439mm		**850** CRI >80, 5000K				
			865 CRI >80, 6500K				

Product Ordering Code Examples:
VAN-25B2-830-FR-D1-BL
VAN-44D2-850-FR-D3-WH

GENERAL NOTES:
1. IF MORE THAN ONE MODIFICATION IS REQUIRED, SEPARATE EACH MODIFICATION WITH A HYPHEN AT THE END OF THE PRODUCT CODE

2. PLEASE ENSURE SELECTION OF COMPATIBLE DRIVER FOR OCCUPANCY SENSORS WITH DIMMING FUNCTIONALITY

3. PLEASE NOTE THAT MODIFICATIONS WHICH AFFECT LIGHT OUTPUT HAVE SEPARATE PHOTOMETRIC FILES IDENTIFIED WITH ..."+(MODIFICATION)"

4. ALTERNATIVE DRIVERS MAY BE AVAILABLE - PLEASE CONTACT OUR OFFICE FOR FURTHER DETAILS

5. IF PRODUCT IS CUSTOMISED, CODES WILL BE ALTERED AS NECESSARY