

Vox 500



The Vox is a modular back lit luminaire designed with variable configurations to fit any SAS or Burgess Ceiling.

The Vox is supplied with the latest Philips Fortimo LED boards and premium window driver allowing the luminaire to have a tuneable lumen output range from 2600 to 4400lm. . All Vox modular luminaires are supplied as SELV and therefore use a remote driver and emergency kit (if applicable).

The luminaire is constructed from white powder coated steel. Diffuser options consist of PMMA opal and Micro Prismatic.

Product

Vox 600	VX6
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Ceiling Type*

Currently unknown	/**
T24/T15 Lift & Tilt	/C1
T15 with 4mm tegulation	/T1
T15 with 8mm tegulation	/T2
T15 with 16mm tegulation	/T3
T24 with 4mm tegulation	/T4
T24 with 8mm tegulation	/T5
T24 with 16mm tegulation	/T6
SAS120 metal tile	/M1
SAS150 metal tile	/M2
Burgess metal tile	/M3
*Other ceiling types available upon special request	

Diffuser Type

Frosted Opal	/F1
Micro Prism	/P1

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K
Tunable White	/TW

Mounting

Recessed mounted as default	
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Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi	-CA

Air Handling

No air handling facility as standard	
10 litres/second	-A1
20 litres/second	-A2
30 litres/second	-A3
40 litres/second	-A4
Unknown	-AH

Integrated Sensor

PIR & daylight	-S1
Smart mesh, PIR & daylight	-S2
Free issue sensor	-SF

Lumen Output

Currently unknown	/****
2600lm	2600
2700lm	2700
2800lm	2800
29000lm	2900
3000lm	3000
3100lm	3100
3200lm	3200
3300lm	3300
3400lm	3400
3500lm	3500
3600lm	3600
3700lm	3700
3800lm	3800
3900lm	3900
4000lm	4000
4100lm	4100
4200lm	4200
4300lm	4300
4400lm	4400

Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Standard Colours*

White	RAL9016
White	RAL9010
Black	RAL9005
*Other colours available upon special request	

Lighting Data

Lumen Output	Wattage	lm/cW
3523lm (F1 diffuser)	22.1 W	159.4
4456lm (F1 diffuser)	28.0 W	159.4

CCT	3000K 4000K 6500K
Light Source	SMD
SDCM	3
Longevity (L70/B10)	70,000 Hours
Colour Rendering	RA>82
UGR	<19.0

Technical Data

IP Rating	IP44
Construction	Folded steel PMMA diffuser
RAL colour (standard)	9016 9010 9005
Mounting Method	Recessed
Protective class	Class 1
Impact Resistance (IK)	IK04
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

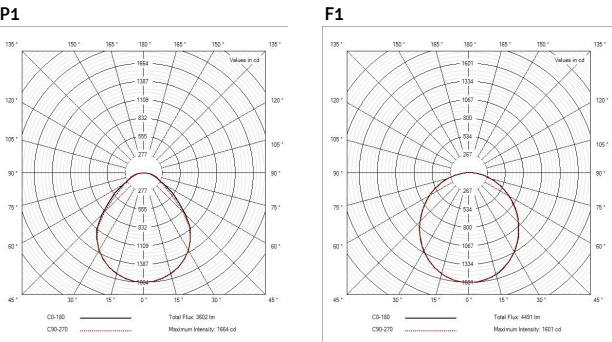
Rated Supply Voltage	220–240 V
AC Voltage Range	198–250 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<4%
Overvoltage Protection	320 V
In-rush Current	9 A
THD	<20%
Power Factor	0.90
Parasitic Load	0.43 W
Operating Temperature	-20 +50 °C

Emergency Data

BLF	Lumen Output
12%	444
11%	451

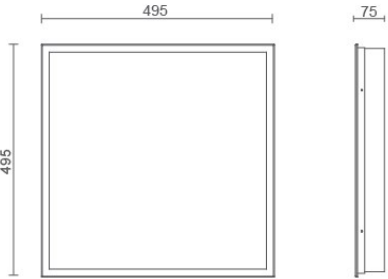
Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	UKCA, CE, ROHS

Standard Photometry



Dimensions

Dimensions*	495x495x75 mm (*Other sizes available to fit required ceiling types)
Weight	3.9 kg



Tel: 01489 878 406 Email: info@bumblebee-lighting.co.uk Web: bumblebee-lighting.co.uk

Bumblebee, Unit 16 Business Park, Park Lane, Upper Swanmore, Southampton, SO32 2QQ Company No: 10464972 VAT No: 254 3859 81

