

Vox 600



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

The Vox is supplied with the latest Philips Fortimo LED boards and premium window driver allowing the luminaire to have a tunable lumen output range 2500 to 5250lm. All Vox modular luminaires are supplied as SELV and therefore uses a remote driver and emergency kit (if applicable)

The luminaire is constructed from white powder coated steel. Diffusers 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
Plasterboard ceiling	/PB
SAS330 (without gaskets)	/S1
SAS330 (with gaskets)	/S2
*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	/****
2550lm	2550
2700lm	2700
2850lm	2850
3000lm	3000
3150lm	3150
3300lm	3300
3450lm	3450
3600lm	3600
3750lm	3750
3900lm	3900
4050lm	4050
4200lm	4200
4350lm	4350
4500lm	4500
4650lm	4650
4800lm	4800
4950lm	4950
5100lm	5100
5250lm	5250

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
3592lm (F1 diffuser)	23.6 W	152.2
4490lm (F1 diffuser)	29.5 W	152.2

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

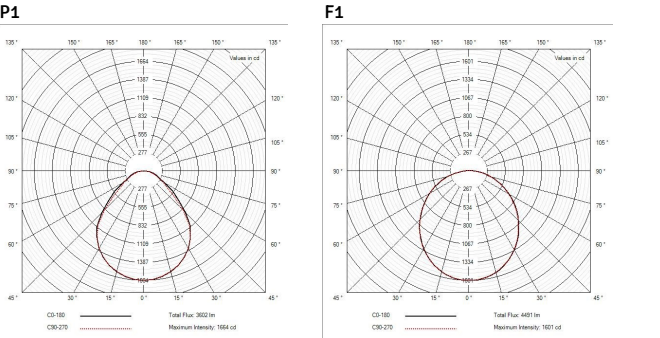
Rated Supply Voltage	220–240 V
AC Voltage Range	198–250 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<4%
Overvoltage Protection	320 V
In-rush Current	9 A
THD	<20%
Power Factor	0.90
Parasitic Load	0.43 W
Operating Temperature	-20 +50 °C

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*	595x595x75 mm (Typical)
Weight	4.5 kg

