

Vox 1200



The Vox is 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 2500 to 5250lm. All Vox modular luminaires are supplied as SELV and therefore use remote driver and emergency kit (if applicable).

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

Product

Vox 600	VX12
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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 Opal

Currently unknown	/****
2716lm	2716
2867lm	2867
3018lm	3018
3169lm	3169
3319lm	3319
3470lm	3470
3621lm	3621
3772lm	3772
3923lm	3923
4074lm	4074
4225lm	4225
4376lm	4376
4527lm	4527
4677lm	4677
4828lm	4828
4979lm	4979
5130lm	5130
5281lm	5281

Lumen Output Prism

Currently unknown	/****
2305lm	2305
2440lm	2440
2576lm	2576
2711lm	2711
2847lm	2847
2983lm	2983
3118lm	3118
3254lm	3254
3389lm	3389
3525lm	3525
3660lm	3660
3796lm	3796
3932lm	3932
4067lm	4067
4203lm	4203
4338lm	4338
4474lm	4474
4609lm	4609
4745lm	4745

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 Opal (F1)

Lumen Output	Wattage	ll/cW
2716lm	17.3	156.7
2867lm	18.3	156.7
3018lm	19.3	156.7
3169lm	20.2	156.7
3319lm	21.2	156.7
3470lm	22.1	156.7
3621lm	23.1	156.7
3772lm	24.1	156.7
3923lm	25.0	156.7
4074lm	26.0	156.7
4225lm	27.0	156.7
4376lm	27.9	156.7
4527lm	28.9	156.7
4677lm	29.8	156.7
4828lm	30.8	156.7
4979lm	31.8	156.7
5130lm	32.7	156.7
5281lm	33.7	156.7

Emergency Data

Emergency Wattage	Lumen Output
2.8W	439

Lighting Data Prism (P1)

Lumen Output	Wattage	ll/cW
2305lm	16.4	140.8
2440lm	17.3	140.8
2576lm	18.3	140.8
2711lm	19.3	140.8
2847lm	20.2	140.8
2983lm	21.2	140.8
3118lm	22.1	140.8
3254lm	23.1	140.8
3389lm	24.1	140.8
3525lm	25.0	140.8
3660lm	26.0	140.8
3769lm	27.0	140.8
3932lm	27.9	140.8
4067lm	28.9	140.8
4203lm	29.8	140.8
4338lm	30.8	140.8
4474lm	31.8	140.8
4609lm	32.7	140.8
4745lm	33.7	140.8

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

Technical Data

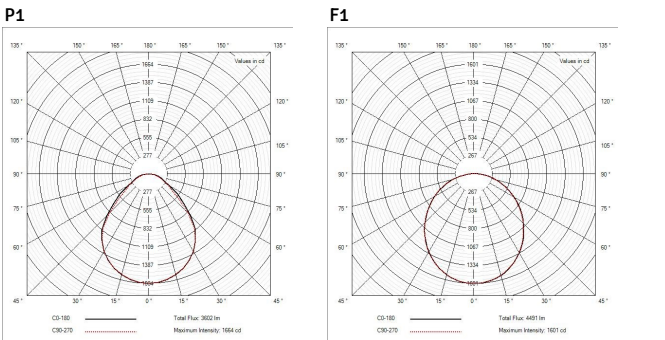
IP Rating	IP44
Construction	Folded steel
RAL colour (standard)	9016 9010
Mounting Method	Recessed
Protective class	SELV
Impact Resistance (IK)	IK04
Warranty	5 Years
Certification	UKCA, CE, ROHS

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 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*	295x1195x75 mm (Typical)
Weight	4.5 kg

