

# 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 |
|---------|-----|

## 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 |  |
|-----------------------------|--|

## 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 | /**** |
| 2687lm            | 2687  |
| 2836lm            | 2836  |
| 2986lm            | 2986  |
| 3135lm            | 3135  |
| 3284lm            | 3284  |
| 3434lm            | 3434  |
| 3583lm            | 3583  |
| 3732lm            | 3732  |
| 3881lm            | 3881  |
| 4031lm            | 4031  |
| 4180lm            | 4180  |
| 4329lm            | 4329  |
| 4479lm            | 4479  |
| 4628lm            | 4628  |
| 4777lm            | 4777  |
| 4926lm            | 4926  |
| 5076lm            | 5076  |
| 5100lm            | 5100  |
| 5225lm            | 5225  |

## Lumen Output Prism

|                   |       |
|-------------------|-------|
| Currently unknown | /**** |
| 2277lm            | 2277  |
| 2410lm            | 2410  |
| 2544lm            | 2544  |
| 2678lm            | 2678  |
| 2812lm            | 2812  |
| 2946lm            | 2946  |
| 3080lm            | 3080  |
| 3214lm            | 3214  |
| 3348lm            | 3348  |
| 3482lm            | 3482  |
| 3616lm            | 3616  |
| 3750lm            | 3750  |
| 3884lm            | 3884  |
| 4017lm            | 4017  |
| 4151lm            | 4151  |
| 4285lm            | 4285  |
| 4419lm            | 4419  |
| 4553lm            | 4553  |
| 4687lm            | 4687  |

## 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 |
|--------------|---------|-------|
| 2687lm       | 17.3    | 155.0 |
| 2836lm       | 18.3    | 155.0 |
| 2986lm       | 19.3    | 155.0 |
| 3135lm       | 20.2    | 155.0 |
| 3284lm       | 21.2    | 155.0 |
| 3434lm       | 22.1    | 155.0 |
| 3583lm       | 23.1    | 155.0 |
| 3732m        | 24.1    | 155.0 |
| 3881lm       | 25.0    | 155.0 |
| 4031lm       | 26.0    | 155.0 |
| 4180lm       | 27.0    | 155.0 |
| 4329lm       | 27.9    | 155.0 |
| 4479lm       | 28.9    | 155.0 |
| 4628lm       | 29.8    | 155.0 |
| 4777lm       | 30.8    | 155.0 |
| 4926lm       | 31.8    | 155.0 |
| 5026lm       | 32.7    | 155.0 |
| 5225lm       | 33.7    | 155.0 |

## Emergency Data

| Emergency Wattage | Lumen Output |
|-------------------|--------------|
| 2.8W              | 439          |

## Lighting Data Prism (P1)

| Lumen Output | Wattage | ll/cW |
|--------------|---------|-------|
| 2277lm       | 16.4    | 139.1 |
| 2410lm       | 17.3    | 139.1 |
| 2544lm       | 18.3    | 139.1 |
| 2678lm       | 19.3    | 139.1 |
| 2812lm       | 20.2    | 139.1 |
| 2946lm       | 21.2    | 139.1 |
| 3080lm       | 22.1    | 139.1 |
| 3214m        | 23.1    | 139.1 |
| 3348lm       | 24.1    | 139.1 |
| 3482lm       | 25.0    | 139.1 |
| 3616lm       | 26.0    | 139.1 |
| 3750lm       | 27.0    | 139.1 |
| 3884lm       | 27.9    | 139.1 |
| 4017lm       | 28.9    | 139.1 |
| 4151lm       | 29.8    | 139.1 |
| 4285lm       | 30.8    | 139.1 |
| 4419lm       | 31.8    | 139.1 |
| 4553lm       | 32.7    | 139.1 |
| 4687lm       | 33.7    | 139.1 |

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

## Technical Data

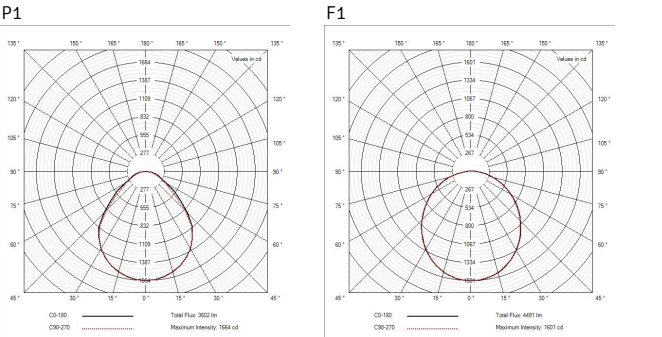
|                        |                |
|------------------------|----------------|
| IP Rating              | IP44           |
| Construction           | Folded steel   |
| RAL colour (standard)  | 9016<br>9010   |
| Mounting Method        | Recessed       |
| Protective class       | SELV           |
| 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* | 595x595x75 mm |
| Weight      | 4.5 kg        |

