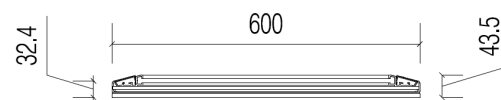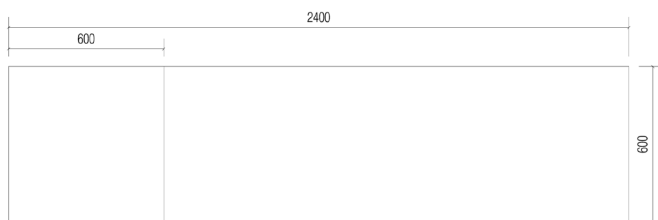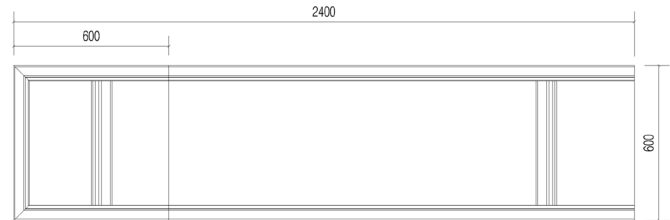# PRODUCT DATA SHEET

archilumᴏ

CompoSe 600SQ/R

CompoSe 600SQ/R - Custom size Rectangular shaped LED based modular intelligent luminair. Min. 600×600mm, max. 600×2400mm. Intended for use as a module in a CompoSe 600 array, or as an individual luminair when fully framed. Direct and Direct/Indirect light emission options: '1 Way' and '2 Way'. 'Frameless' panel design with a 'floating' 8mm Satin high-grade acrylic diffuser panel.
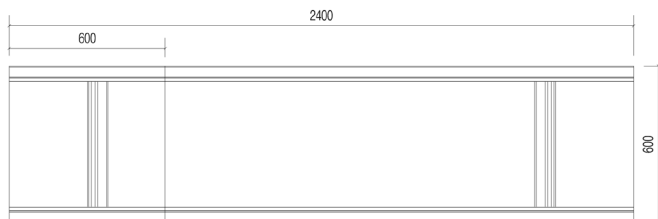

600 | 32.4 | 43.5
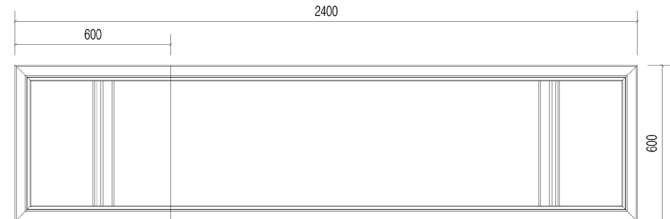
Side Elevation

2400 | 600 | 600

Front Elevation

2400 | 600 | 600

Rear Elevation - one end framed - OF

2400 | 600 | 600

Rear Elevation - open ends - OO

Rear Elevation - fully framed - FF

Applications

Ceiling suspended as part of a CompoSe 600 ceiling feature
Ceiling suspended as an individual luminair

Wall mounted as part of a CompoSe 600 wall feature
Wall mounted as an individual luminair

Size Options

CompoSe 600SQ/R - 600mm wide x 600-2400mm length x 32mm visible edge. Custom dimensions as per drawing.
CompoSe SQ/R is also available in 300 and 450mm widths. Custom widths up to 600mm - on request.
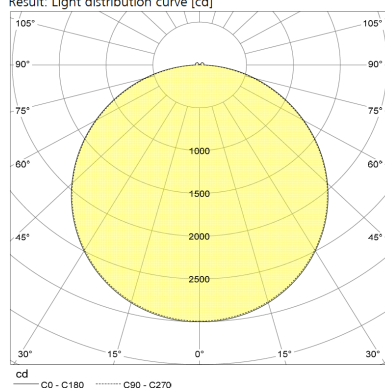
LED Options

CCT Standard White - 2700K, 3000K, 4000K, 5000K, 6500K / **Tunable White** - 2200K to 6500K / **RGB** - fully dynamic.
CRI 80 / CRI 90 optional for 2700K, 3000K, 4000K

Light Performance
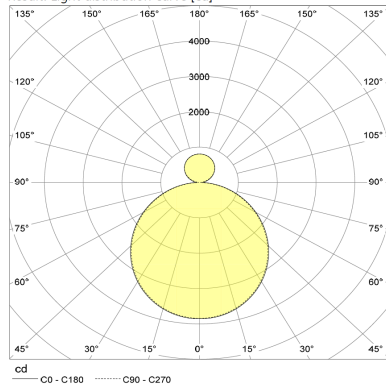
'1 Way'

Result: Light distribution curve [cd]

C0 - C180   C90 - C270

CompoSe 600 SQ/R		Luminair	
CCT		Flux/mtr	Efficacy
White	2700 K	7792lm	77lm/W
	3000K	8235lm	81lm/W
	4000K	8855lm	87lm/W
	5000K	8855lm	87lm/W
	6500K	8855lm	87lm/W
Tuneable White	2200-6500K	6369lm	75lm/W

Tuneable White: normalised output
CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K
Luminair input power: 94W/mtr for white, 91W/mtr for TW
Standby power: 0,5 W
Rated median useful life: 50000h L80 at 25C
Colour tolerance: MacAdam 3

'2Way'

CompoSe 600 SQ/R		Luminair	
CCT		Flux/mtr	Efficacy
White	2700 K	7520lm	74lm/W
	3000K	7947lm	78lm/W
	4000K	8545lm	84lm/W
	5000K	8545lm	84lm/W
	6500K	8545lm	84lm/W
Tuneable White	2200-6500K	6146lm	72lm/W

Tuneable White: normalised output
CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K
Luminair input power: 94W/mtr for white, 91W/mtr for TW
Standby power: 0,5 W
Rated median useful life: 50000h L80 at 25C
Colour tolerance: MacAdam 3

Design Options

Standard front panel design - 8mm Satin high-grade acrylic diffuser panel.

Design Options: **Printed** - Custom print design, digitally applied to individual panels or over multiple panels

Etched - Custom etch design, digitally laser-etched on individual panels or over multiple panels. This option shows an 8mm visible frame.

Control

Individually Intelligent Panel - integrated DALI LED driver (type DT6 or DT8) for calibration, dimming and colour control. Electronic Panel Connector to feed and control up to 5 lm. CompoSe panels with only 1 Power/DALI cable. Full range of fixed and wireless panel control options. Panels can be controlled individually, in groups or multiple groups. Remote programming and monitoring. Supports DALI daylight, motion sensors etc.

Properties

'Frameless' panel design as a result of a proprietary 'diffuser-to-frame' fixing system. Liquid Nitrogen extruded, high quality alumium profiles, for best possible natural anodised finish. Flat luminair with 32mm visible edge. Frameless panel ends with connectors where panels connect in a CompoSe array, to ensure optimised panel joint experience. High-grade 8mm Satin PMMA (acrylic) diffuser for optimised light distibution and glare control. 48V LED system with integrated DALI LED driver, Electronic Panel Connector and a connected decorative 5-core power lead. Ceiling Suspended with a 1,5mm dia wire suspension system or Wall Mount with proporietary wall bracket system.