

CompoSe 300SQ/R



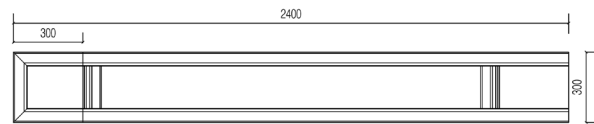
CompoSe 300SQ/R - Custom size Rectangular shaped LED based modular intelligent luminair. Min. 300×300mm, max. 300×2400mm. Intended for use as a module in a CompoSe 300 array, or as an individual luminair when fully framed. Direct and Direct/Indirect light emission options: '1Way' and '2Way'. 'Frameless' panel design with a 'floating' 8mm Satin high-grade acrylic diffuser panel.



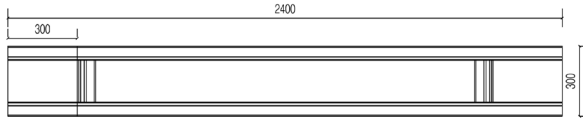
Side Elevation



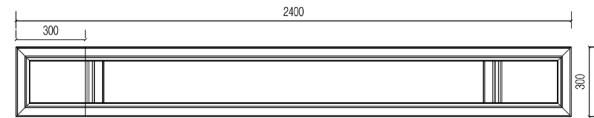
Front Elevation



Rear Elevation - one end framed - OF



Rear Elevation - open ends - OO



Rear Elevation - fully framed - FF

Applications

Ceiling suspended as part of a CompoSe 300 ceiling feature
 Ceiling suspended as an individual luminair

Wall mounted as part of a CompoSe 300 wall feature
 Wall mounted as an individual luminair

Size Options

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

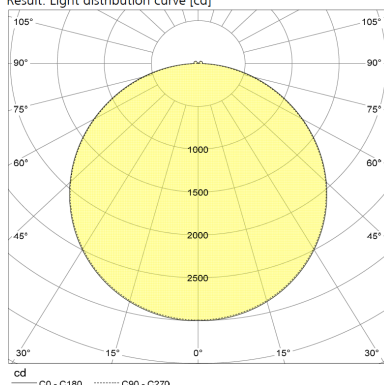
LED Options

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

'1Way'

Result: Light distribution curve [cd]

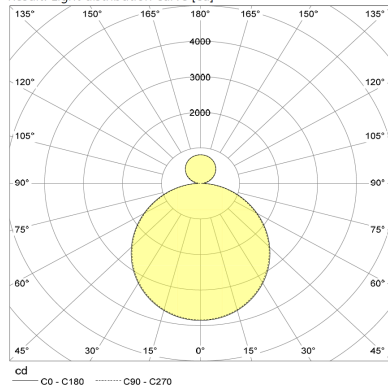


CompoSe 300SQ/R		Luminair	
CCT		Flux/mtr	Efficacy
White	2700K	6792lm	67lm/W
	3000K	7178lm	71lm/W
	4000K	7718lm	76lm/W
	5000K	7718lm	76lm/W
	6500K	7718lm	76lm/W
Tunable White	2200-6500K	5551lm	65lm/W

Tunable White: normalised output
 CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K
 Luminair input power: 48W/mtr for white, 45W/mtr for TW
 Standby power: 0,5 W
 Rated median useful life: 100.000h L80 at 25C
 Colour tolerance: MacAdam 3

'2Way'

Result: Light distribution curve [cd]



CompoSe 300SQ/R		Luminair	
CCT		Flux/mtr	Efficacy
White	2700 K	6554lm	65lm/W
	3000K	6926lm	68lm/W
	4000K	7448lm	73lm/W
	5000K	7448lm	73lm/W
	6500K	7448lm	73lm/W
Tuneable White	2200-6500K	5357lm	63lm/W

Tuneable White: normalised output
CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K
Luminair input power: 48W/mtr for white, 45W/mtr for TW
Standby power: 0,5 W
Rated median useful life: 100.000h 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 aluminium 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 distribution and glare control. 48V LED system with integrated DALI LED driver, Electronic Panel Connector and a connected decorative 4-core power lead. Ceiling Suspended with a 1,5mm dia wire suspension system or Wall Mount with proprietary wall bracket system.