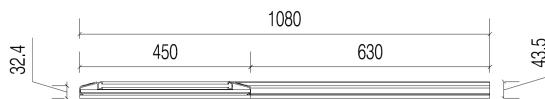


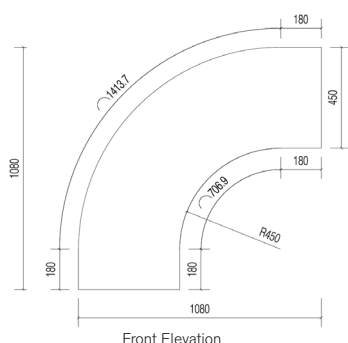
## CompoSe 450C



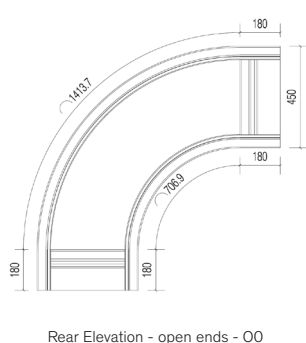
CompoSe 450C - Flat Curve, 90 degree angled, LED based modular intelligent luminair. Intended for use as a module in a CompoSe 450 array only. Direct and Direct/Indirect light distribution options: '1Way' and '2Way'. 'Frameless' panel design with a 'floating' 8mm Satin high-grade acrylic diffuser panel.



Side Elevation



Front Elevation



Rear Elevation - open ends - O0

## Applications

Ceiling suspended as part of a CompoSe 450 ceiling feature

Wall mounted as part of a CompoSe 450 wall feature

## Size Options

CompoSe 450 C - 450mm wide x 32mm visible edge. Standard dimensions as per drawing. CompoSe C is also available in 300 and 600mm widths. Custom widths up to 600mm - on request.

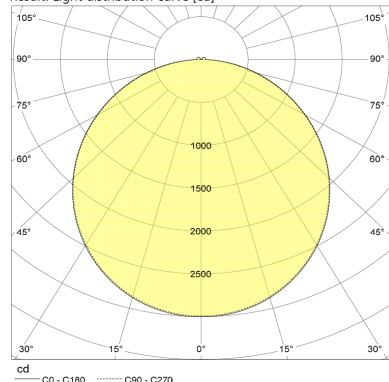
## LED Options

**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]

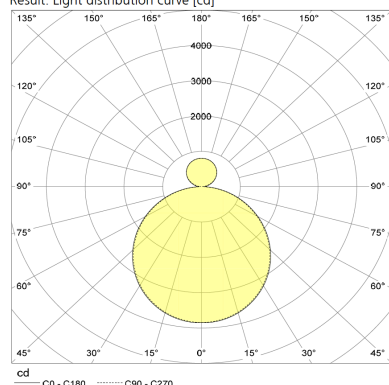


| CompoSe 450C  |            | Luminair |          |
|---------------|------------|----------|----------|
| CCT           |            | Flux     | Efficacy |
| White         | 2700K      | 10643lm  | 72lm/W   |
|               | 3000K      | 11247lm  | 76lm/W   |
|               | 4000K      | 12094lm  | 82lm/W   |
|               | 5000K      | 12094lm  | 82lm/W   |
|               | 6500K      | 12094lm  | 82lm/W   |
| Tunable White | 2200-6500K | 8699lm   | 71lm/W   |

Tunable White: normalised output  
CRI: 80, CRI 90 optional for 2700K, 3000K, 4000K  
Luminair input power: 139W for white, 129W 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 450C   |            | Luminair |          |
|----------------|------------|----------|----------|
| CCT            |            | Flux     | Efficacy |
| White          | 2700 K     | 10270lm  | 70lm/W   |
|                | 3000K      | 10854lm  | 74lm/W   |
|                | 4000K      | 11671lm  | 79lm/W   |
|                | 5000K      | 11671lm  | 79lm/W   |
|                | 6500K      | 11671lm  | 79lm/W   |
| Tuneable White | 2200-6500K | 8394lm   | 68lm/W   |

Tuneable White: normalised output

CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K

Luminair input power: 139W for white, 129W 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 proporietary wall bracket system.