

## CompoSe 300

### Modular connectivity



CompoSe is a modular LED lighting system to create custom lighting installations for ceilings, walls or a crossover. CompoSe has 8 discreet modular panel shapes that can be connected to form an (endless) installation, or they can be used as individual luminaires when fully framed. Connected panel-ends are frameless to minimize the visual impact of the panel joint. Panels are mechanically connected with a connector piece and electronically connected (power + DALI) with an Electronic Panel Connector. One Power/DALI cable can feed up to 480W of CompoSe modules thus minimizing installation time and visual clutter.

### CompoSe 300 - Shapes & Dimensions

CompoSe 300 is based on a 300mm module width. 450mm & 600mm module widths are available.

#### Shapes & Dimensions Overview

<p><b>Square - SQ</b></p>	<p><b>Angel 135 - L135</b></p>
<p><b>Rectangle - R</b></p>	<p><b>Junction - Y</b></p>
<p><b>Corner - L90</b></p>	<p><b>Flat Curve - C</b></p>
<p><b>Junction - T</b></p>	<p><b>Vertical Curve - CV</b></p>

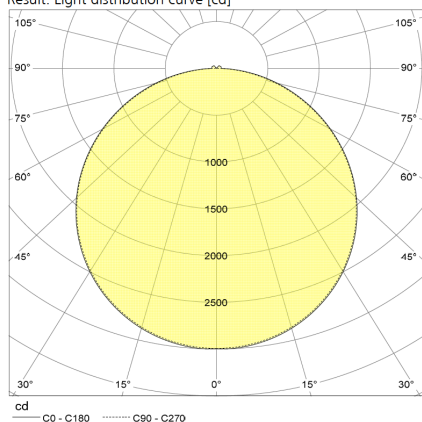
## LED Options

**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]



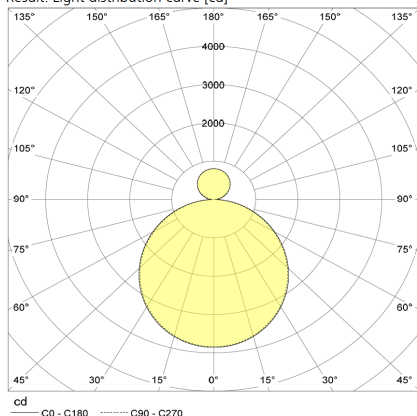
CompoSe 300	Luminair Flux					
	CCT	2700K	3000K	4000K	5000K	6500K
C300 SQ	2037	2153	2315	2315	2315	1665
C300 R (l=1200mm)	8150	8613	9261	9261	9261	6661
C300 L90	8119	8581	9227	9227	9227	6636
C300 T	9923	10.486	11.276	11.276	11.276	8110
C300 L135	4890	5168	5557	5557	5557	3997
C300 Y	8656	9148	9836	9836	9836	7075
C300 C	7247	7658	8235	8235	8235	5923
C300 CV	5644	5965	6413	6413	6413	4613

CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K  
Tunable White: normalised output  
Rated median useful life 100,000h L80 at 25C  
Colour tolerance: MacAdam 3

*See Product Data Sheets and Light Performance Data Sheet for further details*

### '2Way'

Result: Light distribution curve [cd]



CompoSe 300	Luminair Flux					
	CCT	2700K	3000K	4000K	5000K	6500K
C300 SQ	1966	2078	2234	2234	2234	1607
C300 R (l=1200mm)	7865	8312	8937	8937	8937	6428
C300 L90	7835	8281	8904	8904	8904	6404
C300 T	9575	10.102	10.881	10.881	10.881	7826
C300 L135	4719	4987	5362	5362	5362	3857
C300 Y	8353	8828	9492	9492	9492	6827
C300 C	6993	7391	7947	7947	7947	5716
C300 CV	5446	5756	6189	6189	6189	4452

CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K  
Tunable White: normalised output  
Rated median useful life 100,000h L80 at 25C  
Colour tolerance: MacAdam 3

*See Product Data Sheets and Light Performance Data Sheet for further details*

## 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.. IOT and HCL ready.

## 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 an 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.