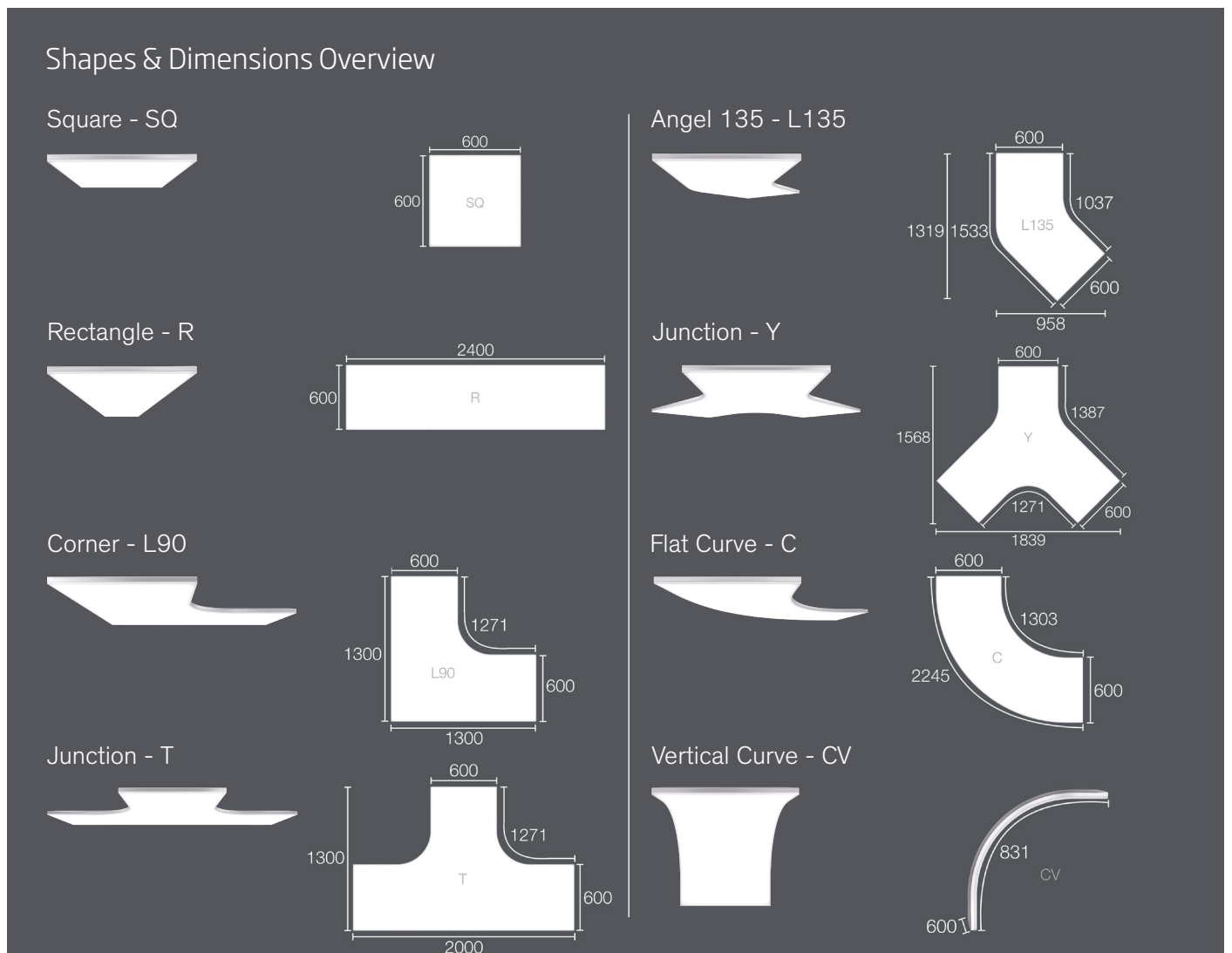**archilumo**

CompoSe 600

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 luminairs 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 450W of CompoSe modules thus minimizing installation time and visual clutter.

CompoSe 600 - Shapes & Dimensions

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

Shapes & Dimensions Overview

Square - SQ

600 × 600 — SQ

Angel 135 - L135

L135: 600, 1037, 1319, 1533, 600, 958

Rectangle - R

2400 × 600 — R

Junction - Y

Y: 600, 1387, 1568, 1271, 600, 1839

Corner - L90

L90: 600, 1271, 1300, 600, 1300

Flat Curve - C

C: 600, 1303, 2245, 600

Junction - T

T: 600, 1271, 1300, 600, 2000
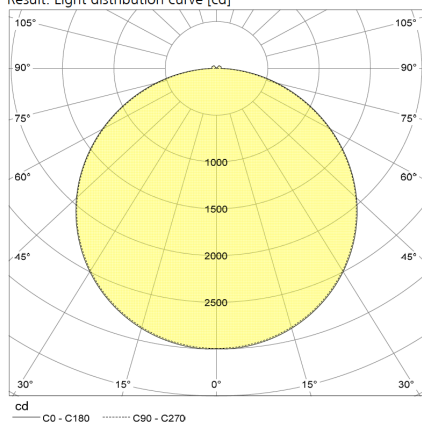
Vertical Curve - CV

CV: 831, 600

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
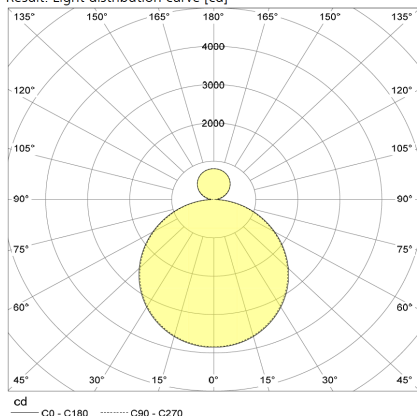
'1Way'

Result: Light distribution curve [cd]

cd — C0 - C180 ⋯⋯ C90 - C270

CompoSe 600	Luminair Flux					
CCT	2700K	3000K	4000K	5000K	6500K	TW2200-6500K
C600 SQ	4675	4941	5313	5313	5313	3821
C600 R (l=1200mm)	9351	9882	10.626	10.626	10.616	7643
C600 L90	15.082	15.939	17.139	17.139	17.139	12.327
C600 T	17.696	18.702	20.109	20.109	20.109	14.464
C600 L135	10.009	10.578	11.374	11.374	11.374	8181
C600 Y	15.390	16.264	17.488	17.488	17.488	12.579
C600 C	13.824	14.609	15.709	15.709	15.709	11.299
C600 CV	6475	6843	7358	7358	7358	5293

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

'2Way'

Result: Light distribution curve [cd]

cd — C0 - C180 ⋯⋯ C90 - C270

CompoSe 600	Luminair Flux					
CCT	2700K	3000K	4000K	5000K	6500K	TW2200-6500K
C600 SQ	4512	4768	5127	5127	5127	3688
C600 R (l=1200mm)	9024	9536	10254	10254	10254	7375
C600 L90	14.554	15.381	16.539	16.539	16.539	11.896
C600 T	17.077	18.048	19.406	19.406	19.406	13.598
C600 L135	9659	10.208	10.976	10.976	10.976	7895
C600 Y	14.851	15.695	16.877	16.877	16.877	12.139
C600 C	13.304	14.098	15.159	15.159	15.159	10.903
C600 CV	6249	6604	7101	7101	7101	5107

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

Proporties

'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 an 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 4-core power lead. Ceiling Suspended with a 1,5mm dia wire suspension system or Wall Mount with proporietary wal bracket system.