

LED
no
compromise

10 Year
Warranty

60598
AS/NZS

IP4X

COI
compliant

Application

Viline delivers visual comfort through linear lighting. Homogenous microprism diffuser provides low glare lighting for workplaces, education & healthcare facilities over workstations or down long corridors.

Installation

Designed for recess in standard T-Rail ceilings, 1200mm and 600mm lengths to configure with ceiling. 100mm wide requires additional T-rail to be installed with fixture.

Design

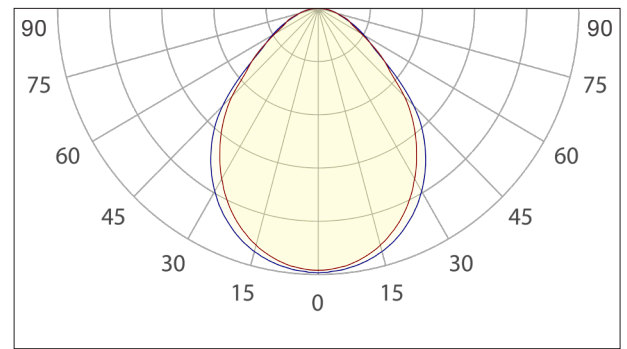
End-to-end mounting recessed in T-rail creates effective linear lighting. Only 100mm wide provides the linear effect and 1200 or 600 modules provide flexibility in layout and design.

Sustainability

Designed for long life with Tridonic/Philips/Osram remote driver for easy replacement. Easily reused with new components and recycled at end of life.

Specification Data

Colour Temperature	4000K
Colour Rendering	95Ra, R9>80
Weight	1200mm 1.2kg, 600mm 0.7kg
LED Lifetime	L95 @50,000h
Driver Lifetime	100,000h
Cyanosis (COI)	0.156 (<3.3)
Flicker	PSTLM <1.0 SVM <0.4
M/P Ratio m-EER (WELLS)	0.8
M/P Ratio m-DER (CIE S 0-26)	0.72
SDCM	3-Step MacAdam



Product Selector

Code	DALI	Casambi	Size (mm)	Lumens	(mA)	Wattage	(lm/W)	Application Notes
VL12111	/DD	/CA	1200	1100	300	11	100	MH 2.4m, End to End Mounting Circulation Space, Workplace, Healthcare, Education
VL12113	/DD	/CA	1200	1300	375	13	100	MH 2.7m, End to End Mounting Circulation Space, Workplace, Healthcare, Education
VL12118	/DD	/CA	1200	1800	550	18	100	MH 2.7m, End to End Mounting Workplace, Healthcare, Education
VL12127	/DD	/CA	1200	2700	800	26	103	MH 3.0m, End to End Mounting Workplace, Healthcare, Education
VL06155	/DD	/CA	600	550	150	6	91	MH 2.4m, End to End Mounting Circulation Space, Workplace, Healthcare, Education
VL06165	/DD	/CA	600	700	200	7	100	MH 2.7m, End to End Mounting Circulation Space, Workplace, Healthcare, Education
VL06190	/DD	/CA	600	900	250	9	100	MH 2.7m, End to End Mounting Workplace, Healthcare, Education
VL06113	/DD	/CA	600	1400	400	15	93	MH 3.0m, End to End Mounting Workplace, Healthcare, Education

Accessories

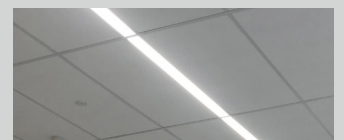
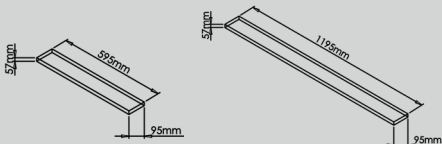
Custom Options

SkyBlue® Tunable Spectrum 27 - 40K m-EER 0.47 - 0.92 | m-DER 0.42 - 0.83

SkyBlue® Tunable Spectrum 27 - 35K m-EER 0.47 - 0.83 | m-DER 0.42 - 0.75

CCT, Colour, Output Custom Widths - 150mm & 200mm

Red list free - Living Building Challenge





DIMENSIONS
95x595mm

WEIGHT
0.7kg

COLOUR TEMPERATURE
4000K

COLOUR RENDERING
95Ra, R9>80

DIRECT OUTPUT
550-1400lm

LED LIFETIME
L95 @50,000h

DRIVER LIFETIME
100,000h

WEIGHT AND COMPOSITION BY MATERIAL

Material	Weight (g)	Weight (%)	GWP (kgCO2e)
GLOBAL ALUMINIUM	317.4	30.7	4.16
COPPER	11.6	1.1	0.04
PLASTICS	159.5	15.4	0.62
STEEL	26.2	2.5	0.08
ELECTRONIC COMPONENTS	378.2	36.6	11.04
CARD	141.5	13.7	0.26

Note: LED driver has been excluded. Driver EPD provided on request.

RESULTS

TM65 Calculation		
ASSESSMENT PARAMETER		GLOBAL WARMING POTENTIAL (GWP)
UNIT		[kg CO2 eq]
PRODUCTION	A1–A4	21.9
REPAIR	B3	0.834
END-OF-LIFE	C2–C4	0.197
TOTAL (x1.3 BUFFER)	A1–C4	22.9

TM65ANZ SUMMARY

TM65ANZ is an engineering standard published by the Chartered Institution of Building Services Engineers (CIBSE). It provides a clear and concise framework to estimate the embodied carbon of a product when environmental product declarations (EPD's) are not available. In order to appropriately use a TM65ANZ calculation it is important to understand the scope of the method.

Originally created in the United Kingdom, TM65ANZ is a branch of the TM65 standard for Australasian application. It provides additional assumptions that can be made to make the calculation process easier.

WHAT TM65ANZ IS

- A method for estimating the embodied carbon of building services equipment
- A first step to promoting transparency in the industry
- A reporting methodology
- A set of rules that allows the production of comparable metrics
- A simple, replicable methodology

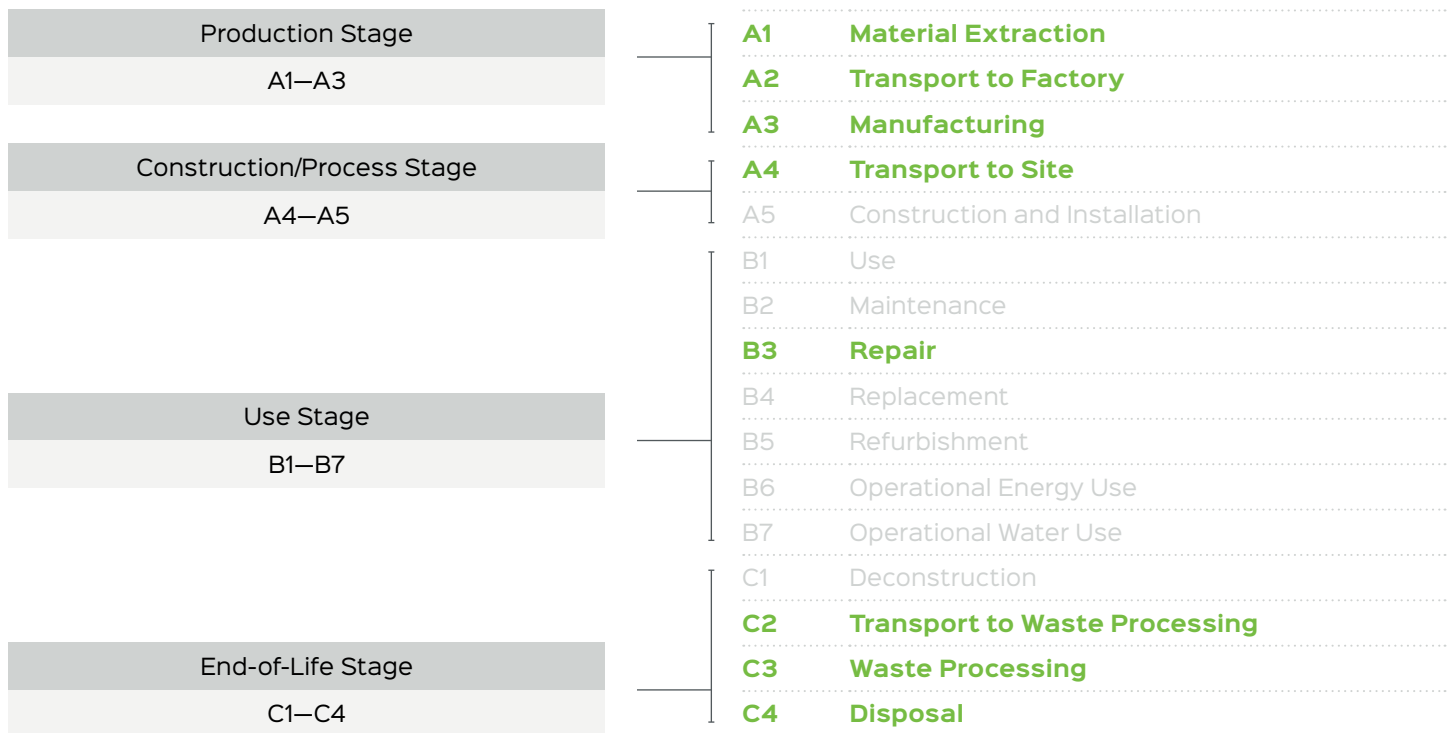
WHAT TM65ANZ IS NOT

- A detailed and holistic assessment of a product's environmental impacts
- An environmental product declaration (EPD)
- A peer-reviewed certification
- An exhaustive assessment of a product's materials
- A detailed life cycle assessment of building services at a system level

CALCULATION PROCESS

The calculation process is broken up into four main sections. Depending on the availability of information on the product, different levels of the TM65ANZ process can be undertaken including a 'basic' and 'mid-level' calculation. For this report a 'mid-level' calculation was done.

STAGES OF CALCULATION



All sections written in green text are included in a mid-level calculation

ASSUMPTIONS

The calculation for 'Transport to Site' was made based on land freight from Christchurch to Auckland.