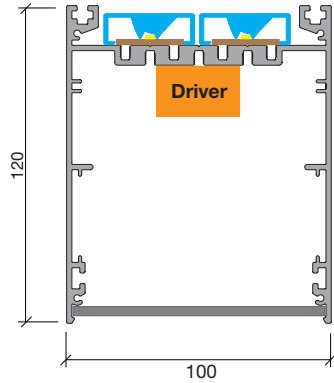
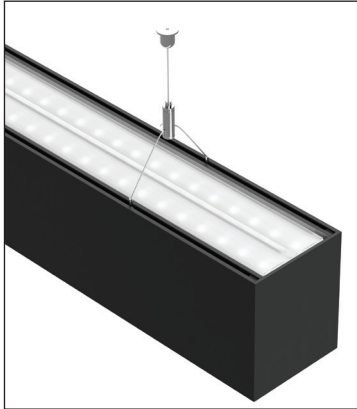


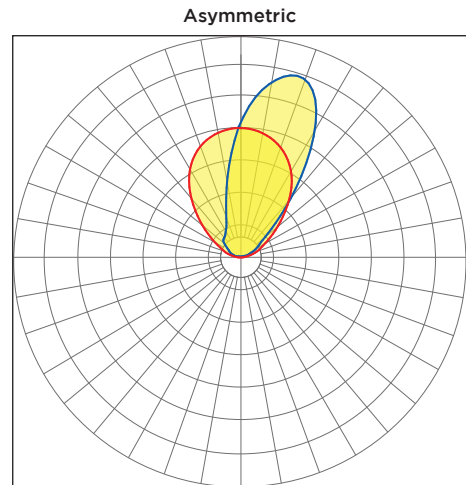
LUMATECH

Linear Lighting Solutions

LT100H Suspended-Double Asymmetric Indirect



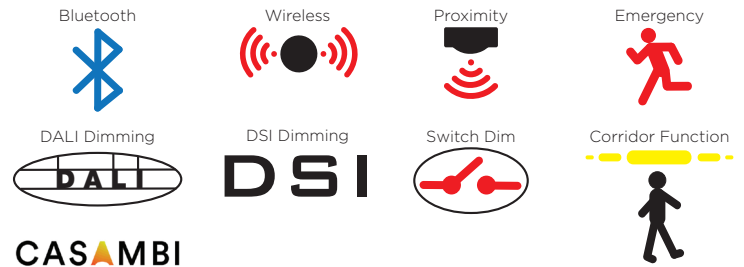
DISTRIBUTION



FEATURES

- Designed with the installer in mind for a fast & cost effective install.
- A substantial gear tray provides excellent thermal management ensuring long component life and high lumen maintenance.
- Choice of screwed or screwless endcaps.
- High efficacy up to 125Lm/W.
- Plug & play joining of long runs over 5m.
- Tridonic LED boards & drivers (3K & 4K as standard) with 2.7K, 5K, 6.5K, Tuneable White 27-65K options & Sunlike full spectrum.
- Colour consistency 3 MacAdams.
- L90 @ 50,000hrs B10 & CRI 90 as standard.
- Certified IES files.
- Designed & manufactured locally.
- Where possible components are sourced locally.
- The 6060 grade aluminium used in the production of these profiles is smelted and extruded in New Zealand. The CO2 emitted per Kg of aluminium produced is one of the lowest in the world.
- The indirect component uses a Tridonic asymmetric distribution linear lens for focused upward illumination.
- Direct/indirect commonly switched has a 67/33 lumen split as standard a with 50/50 lumen split for individually switched.

CONTROL - DIM - EMERGENCY



DIFFUSERS



- 95% Transmission
- Single Asymmetric
- Suitable For Wall Up Light
- Can Be Used Stand Alone

COLOURS

- Powder Coat Colours
- Dulux Protecture White (20T1274F)
 - Dulux Protecture Black (20T9215F)
 - Dulux Protecture Silver Pearl (Light Grey) (21T7852F)
 - Custom colours to order

Cast sheet is chosen for diffusers due its greater dimensional stability. Linear lens are PMMA from Tridonic and provide touch protection for non SELV applications.

5
YEAR

LUMATECH

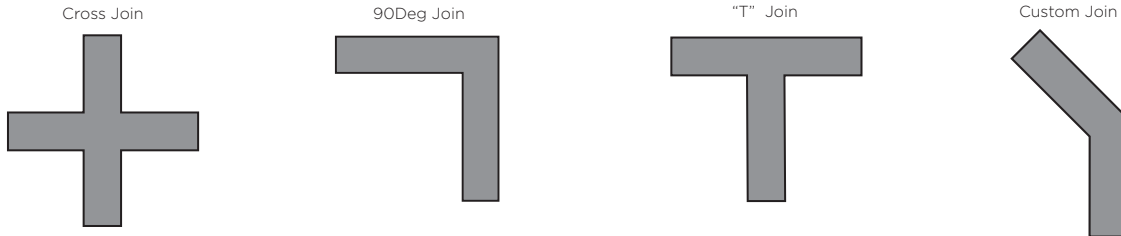
Linear Lighting Solutions

LUMEN/M

CRI90 p/m 4000K			150mA		200mA		250mA		300mA		350mA		400mA		Rows Direct Boards
			Lm	W	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W	
LT100D Low Output	Asymmetric	Indirect	1530	12.5	2040	16.6	2550	20.8	3060	25.0	3572	29.2	4082	33.4	2 x Rows Low Output
LT100D Medium Output	Asymmetric	Indirect	3060	25.0	4082	33.4	5102	41.8	6122	50.0	7142	59.4	8162	66.8	2 x Rows Medium Output
LT100D High Output	Asymmetric	Indirect	4652	37.6	6204	50.0	7754	62.6	9306	75.0	10856	87.6	N/A	2 x Rows High Output	
Lumen output for other boards multiply lumens by			CRI90 3000K 0.96				CRI80 4000K 1.18				CRI80 3000K 1.13				
IES Files are standard for 1m. Specific length IES files are available on request. Example 4.7m.															

JOINS & CORNERS

Profile corners and joins are welded providing a seamless transitions and no light leakage.
Custom angled joins on request.
Joins can be horizontal or vertical



LENGTH CALCULATION

Luminaires are constructed by using combinations of geartray sizes starting at 565mm and up to 1685mm moving up in 70mm increments.
This will give a fully illuminated diffuser from end to end and joins in the profile will be positioned by Lumatech to keep uniform lengths.
High output and certain other specialist boards are only available in 280mm increments, please check with us if length is crucial.
If a specific length is required in between LED board increments available, these are achieved using blanking plates.
Endcap assemblies require a total of 15mm allowance, for recessed luminaires this becomes the cut-out dimension

ACCESSORIES & OPTIONS

Italian 3m & 5m suspensions with tool-less height adjustment.
Screwed endcaps for budget applications.
Screwless endcaps for a seamless look.
Round or square ceiling roses.
Rod suspensions.