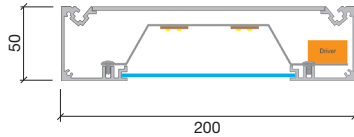
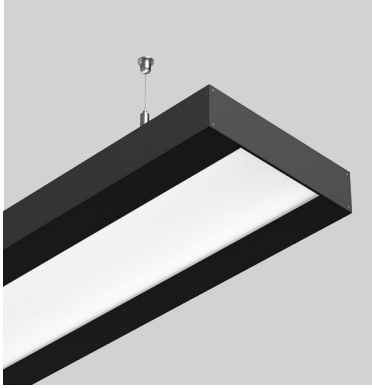


# LUMATECH

## Linear Lighting Solutions

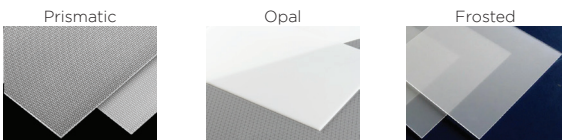
### LT200D Direct Suspended



#### 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.
  - Screwed endcaps.
  - High efficacy up to 125Lm/W.
  - Plug & play joining of long runs over 5m.
  - Tridonic LED boards & drivers (3K & 4K a standard).
  - 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.

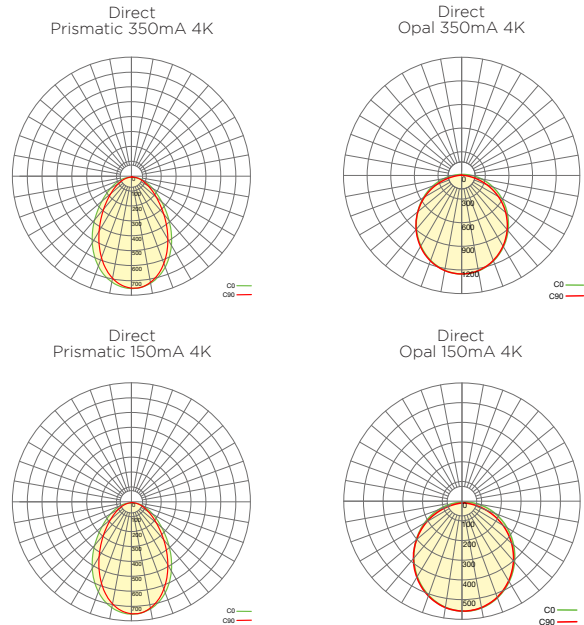
#### DIFFUSERS



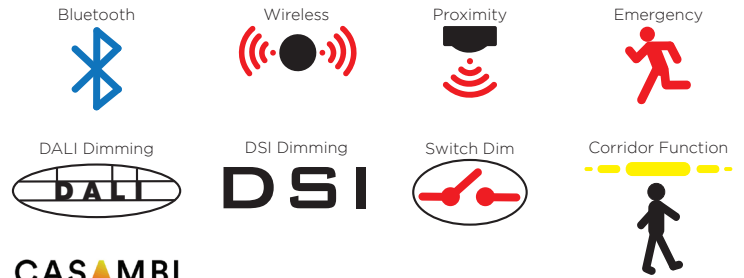
- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>• High Transmission</li> <li>• Opalescent Appearance</li> <li>• No pixellation</li> <li>• Low UGR</li> <li>• Soft Edge Beam for Uniformity</li> </ul> | <ul style="list-style-type: none"> <li>• High Transmission</li> <li>• Homogeneous</li> <li>• No pixellation</li> <li>• Maintains High CRI</li> <li>• High Vertical Illuminance</li> </ul> | <ul style="list-style-type: none"> <li>• 92% Transmission</li> <li>• Homogeneous</li> <li>• Maintains High CRI</li> <li>• High Vertical Illuminance</li> </ul> |
|--|---|--|

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.

#### DISTRIBUTION



#### CONTROL - DIM - EMERGENCY



CASAMBI

#### COLOURS

- Powder Coat Colours (Dulux Protecture)
- Appliance White Matt
  - Black Flat
  - Metro Silver Pearl Flat (Light Grey)
  - Custom colours to order

5  
YEAR

# LUMATECH

## Linear Lighting Solutions

### LUMEN/M

Lumen/m 4000K CRI90		150mA		200mA		250mA		300mA		350mA		400mA	
		Lm	W	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W
LT200D 2 x Low Down	Opal	1412	12.6	2025	16.5	2262	20.7	2649	25.2	3073	29.8	3524	34.0
	Microprism	1308		1702		2096		2454		2848		3264	
LT200D 2 x Med Down	Opal	2147	18.9	3079	24.8	3438	31.1	4027	37.8	4671	44.7	5356	51.0
	Microprism	1989		2587		3186		3730		4328		4962	

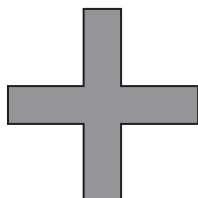
### JOINS & CORNERS

Profile corners and joins are welded providing a seamless transitions and no light leakage.

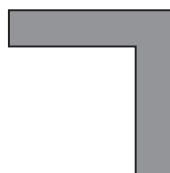
Custom angled joins on request.

Joins can be horizontal or vertical

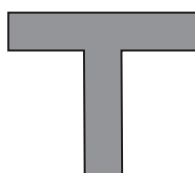
Cross Join



90Deg Join



"T" Join



Custom Join



### LENGTH CALCULATION

Luminaires are constructed using a combination of gear tray module sizes

Module lengths are 1130, 1410 & 1690 and are combined to achieve the required length.

Endcap assembly requires a 10mm allowance.

Powder coated blanking plates can be added to avoid any unlit diffuser sections & create the desired overall length.

### ACCESSORIES & OPTIONS

- Italian 3m or 5m suspensions with tool-less height adjustment.
- Screwed Endcaps.
- Round or square ceiling roses.
- Rod suspensions.

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