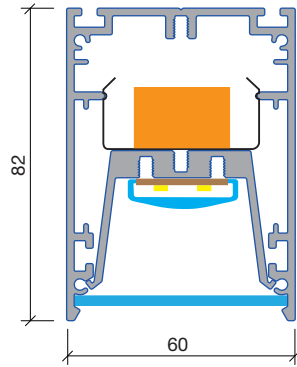
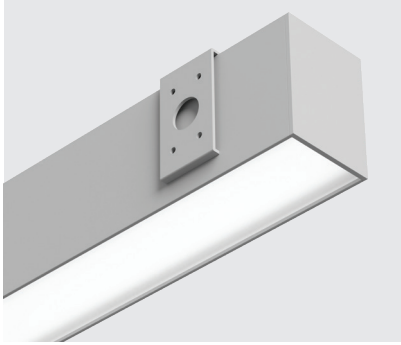


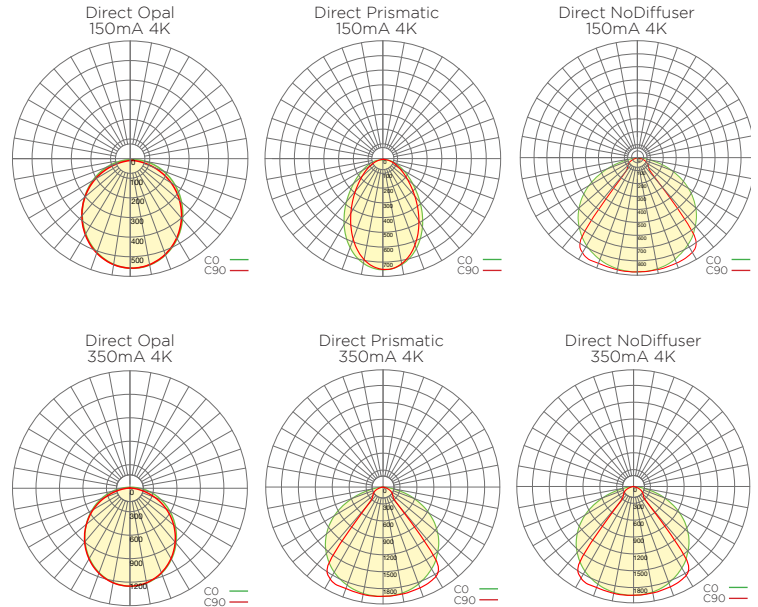
# LUMATECH

## Linear Lighting Solutions

### LT60D Direct Wall Mount



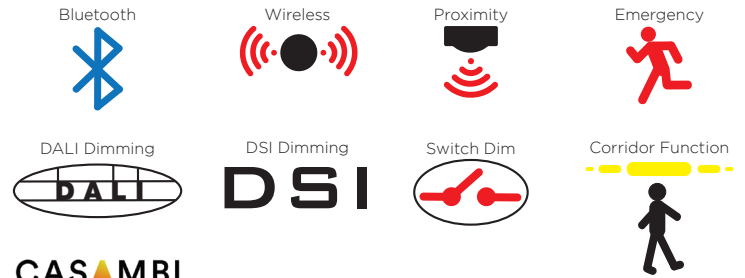
#### DISTRIBUTION



#### FEATURES

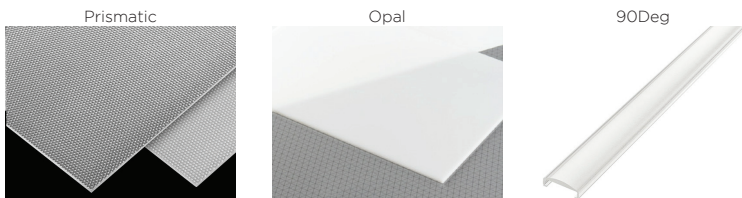
- Designed with the installer in mind for a fast & cost effective install.
  - A substantial gear tray provides excellent thermal management ensuring long component life and high lumen maintenance.
  - Choice of screwed or screwless endcaps.
  - High efficacy up to 125Lm/W.
  - Plug & play joining of long runs over 5m.
  - Tridonic LED boards & drivers (3K & 4K 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.

#### CONTROL - DIM - EMERGENCY



CASAMBI

#### DIFFUSERS



- High Transmission
- Opalescent Appearance
- No pixellation
- Low UGR
- Soft Edge Beam for Uniformity

- High Transmission
- Homogeneous
- No pixellation
- Maintains High CRI
- High Vertical Illuminance

- Geartray Lens
- 97% Transmission
- 90deg Distribution
- Focuses Output On Diffuser
- Can Be Used Stand Alone

#### COLOURS

- Powder Coat Colours
- Dulux Mannex White
  - Dulux Mannex Black
  - Dulux Mannex Silver Pearl (Light Grey)
  - 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	
	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W
Opal	1345	12.6	1929	16.5	2154	20.7	2523	25.2	2927	29.8	3356	34.0
Micro Prismatic	1246		1621		1996		2337		2712		3109	
Open	1720		2238		2756		3228		3745		4293	

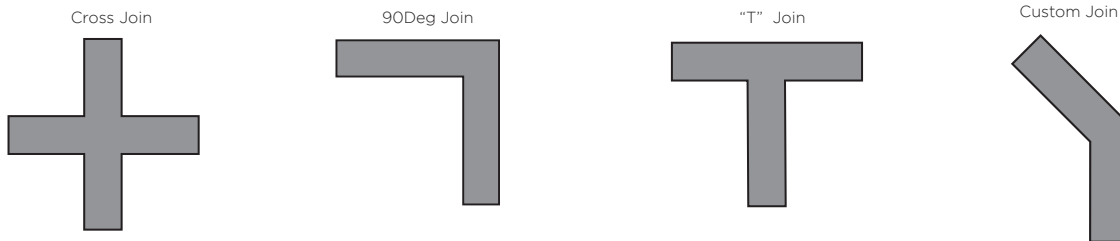
CRI80 p/m 4000K	150mA		200mA		250mA		300mA		350mA		400mA	
	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W
Opal	1587	12.6	2064	16.5	2542	20.7	2977	25.2	3454	29.8	3960	34.0
Micro Prismatic	1470		1912		2355		2758		3200		3669	
Open	2030		2641		3252		3809		4420		5066	

### 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 using a combination of gear tray module sizes

Module lengths start from 565mm and increase by 140mm increments to achieve the required length

Endcap assembly requires a 10mm allowance and for recessed luminaires. This dimension becomes the cut-out dimension

For specified lengths that fall between the 140mm increments powder coated blanking plates can be added to avoid any unlit diffuser sections.

Gear Tray Options: 565mm, 705mm, 845mm, 945mm, 1125mm, 1265mm, 1405mm, 1545mm & 1685mm

Length Example 1: 2400mm required length >> 1125mm Geartray + 1265mm Geartray = 2390mm  
Plus 10mm for pair of endcaps = 2400mm

Length Example 2: 5100mm required length >> 1685mm Geartray x 3 = 5055mm  
plus 10mm for pair of endcaps = 5065mm

### ACCESSORIES & OPTIONS

- Screwed Endcaps for budget applications.
- Screwless endcaps for a seamless look.
- Wall mount brackets.