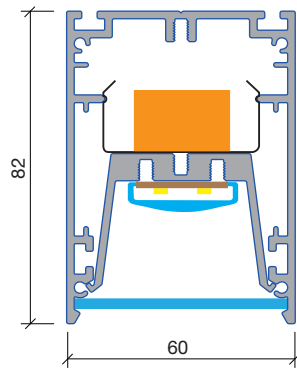


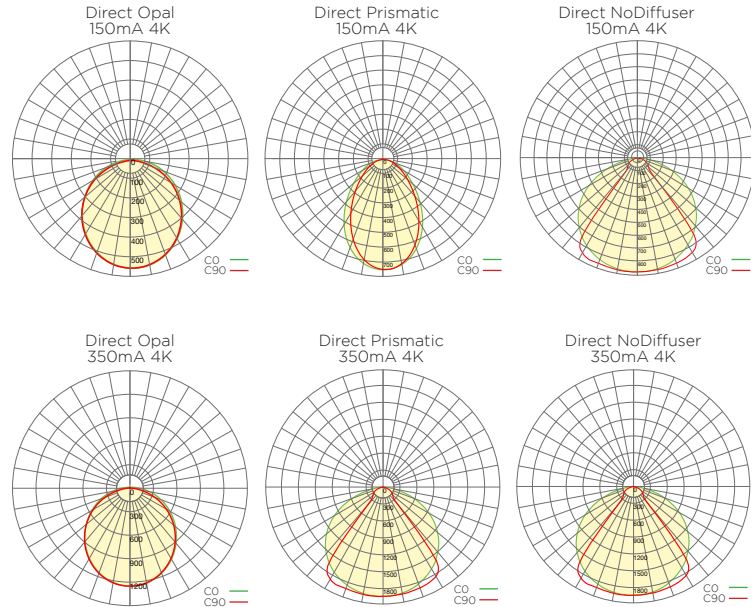
# LUMATECH

## Linear Lighting Solutions

### LT60D Direct Suspended



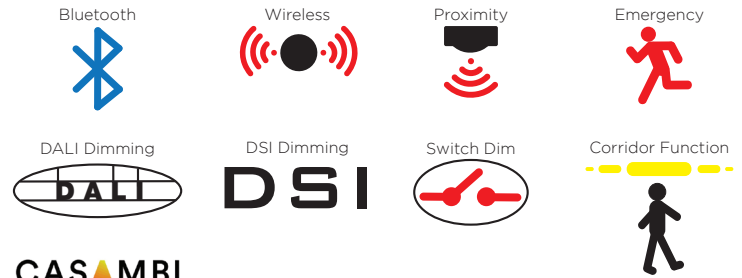
#### DISTRIBUTION



#### FEATURES

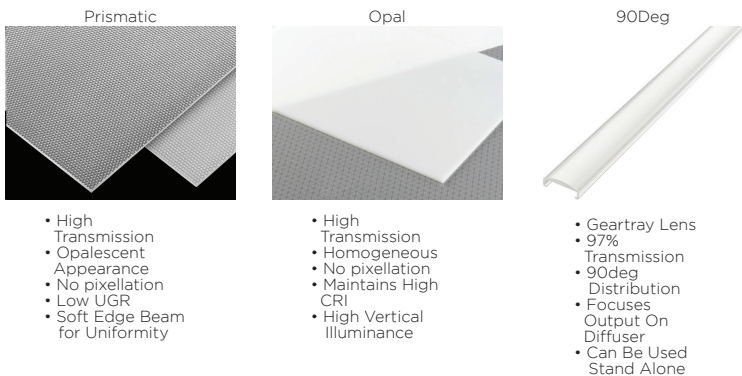
- Designed with the installer in mind for a fast & cost effective install.
- A substantial gear tray provides excellent thermal management ensuring long component life and high lumen maintenance.
- Choice of screwed or screwless endcaps.
- High efficacy up to 125Lm/W.
- Plug & play joining of long runs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



#### 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<br>p/m<br>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  |      |

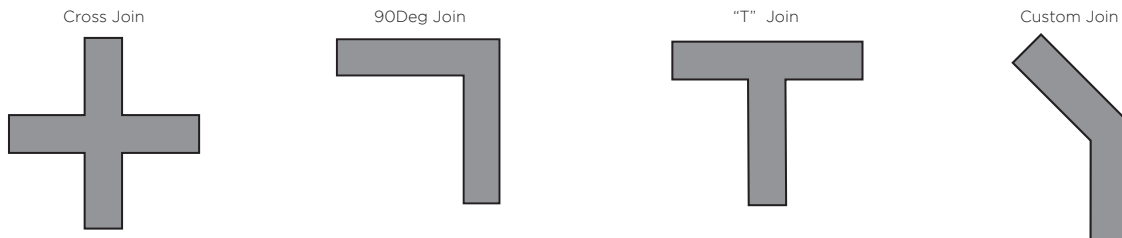
| CRI80<br>p/m<br>4000K | 150mA |      | 200mA |      | 250mA |      | 300mA |      | 350mA |      | 400mA |      |
|-----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|                       | Lm    | W    | Lm    | W    | Lm    | W    | 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

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