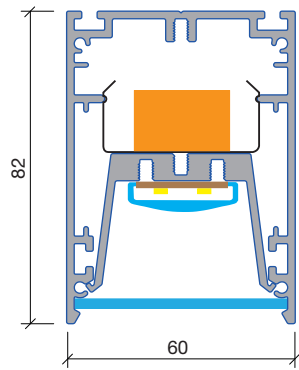


LUMATECH

Linear Lighting Solutions

LT60D Direct Surface Mount

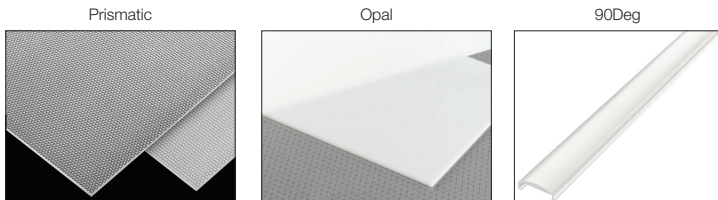


Features

- 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.

Diffusers

Batwing
Asymmetric



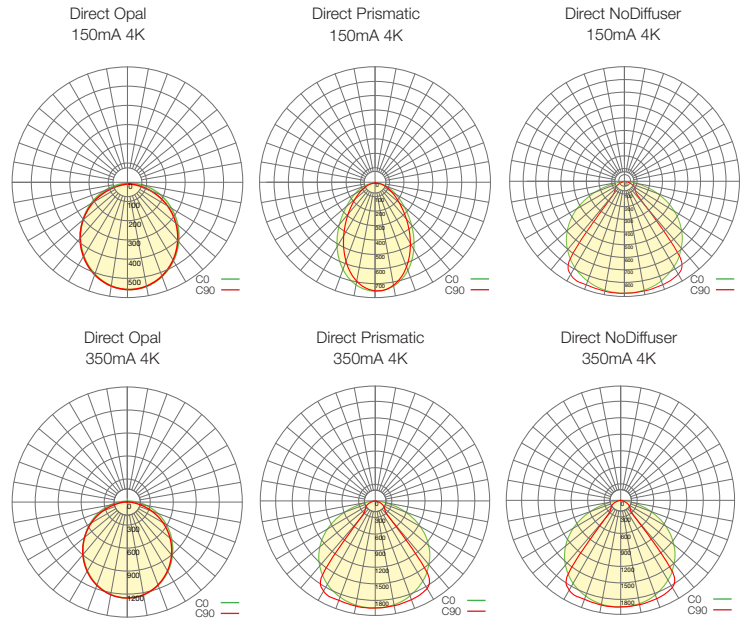
- Prismatic**
- High Transmission
 - Opalescent Appearance
 - No pixellation
 - Low UGR
 - Soft Edge Beam for Uniformity

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

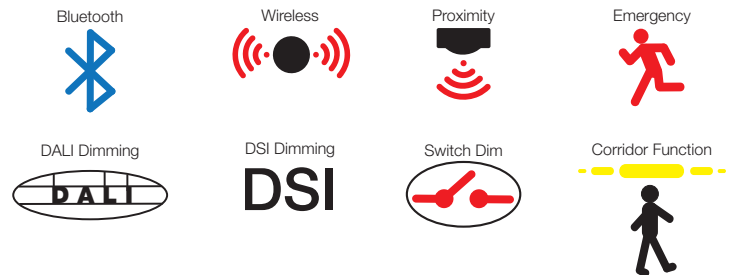
- 90Deg**
- Geartray Lens
 - 97% Transmission
 - 90deg Distribution
 - Focuses Output On Diffuser
 - Can Be Used Stand Alone

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

Distribution



Control - Dim - Emergency



CASAMBI

Colours

Powder Coat Colours

- Dulux Mannex White
- Dulux Mannex Black
- Dulux Mannex Silver Pearl (Light Grey)
- Custom colours to order

5 Year warranty is standard with extended warranty on request.

5
YEAR
WARRANTY

LUMATECH

Linear Lighting Solutions

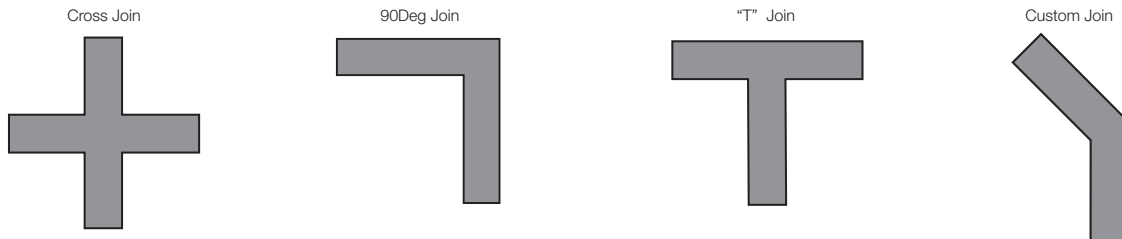
Lumen/m

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.