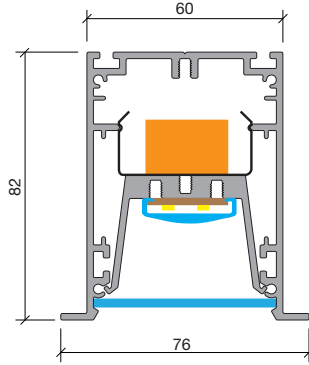
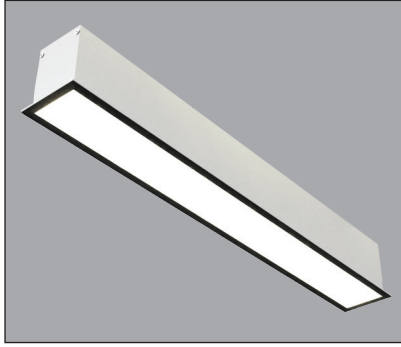


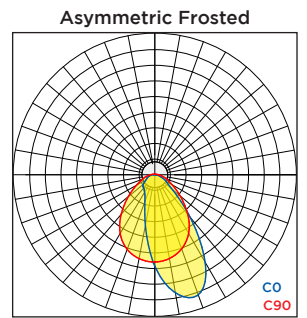
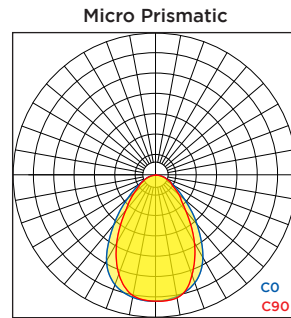
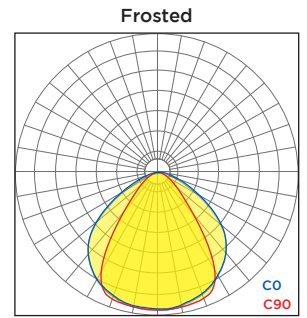
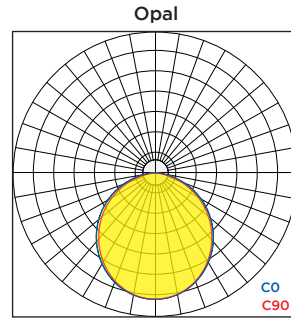
LUMATECH

Linear Lighting Solutions

LT60R Recessed-Direct



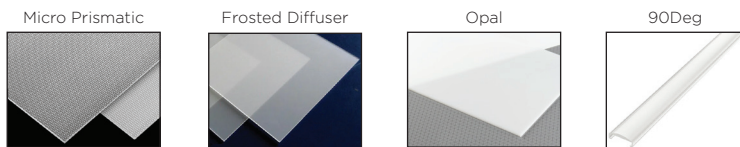
DISTRIBUTION



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.

DIFFUSERS



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

- Frosted Diffuser**
- 92% Transmission
 - Homogeneous
 - Maintains High CRI

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

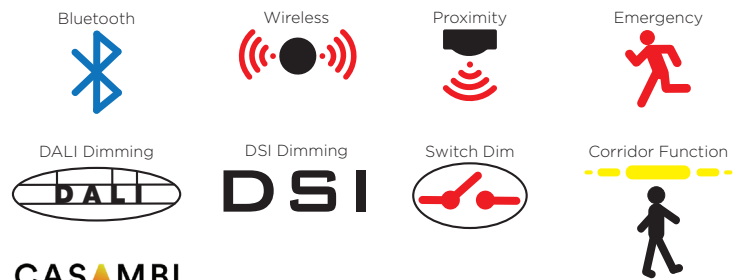
- 90Deg**
- Geartray Lens
 - 97% Transmission
 - 90deg Distribution
 - Focuses Output On Diffuser
 - Can Be Used Stand Alone

Single Asymmetric



- Geartray Lens
- 95% Transmission
- 45deg Distribution
- Centered 20Deg off vertical

CONTROL - DIM - EMERGENCY



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.



Lumatech Limited, 35 Timothy Place, Avondale, Auckland, New Zealand.

Ph: 09-2813732 Email: sales@lumatech.co.nz www.lumatech.co.nz

LUMATECH

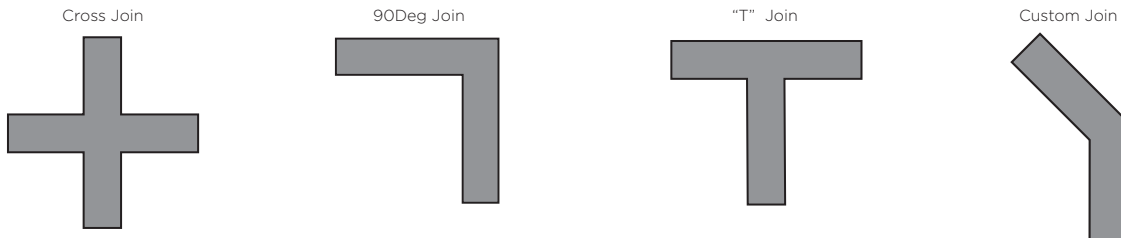
Linear Lighting Solutions

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		
LT60R Low Output	Opal	Direct	6.3	852	8.3	1065	10.4	1278	12.5	1491	14.6	1703	16.7	1 x Low Output	
	Micro Prismatic			639		872		1090		1308		1526			1744
	Frosted			726		969		1211		1453		1695			1937
	Asymmetric Frosted			752		1002		1253		1503		1754			2004
LT60R Medium Output	Opal	Direct	12.5	1703	16.7	2129	20.9	2555	25.0	2981	29.2	3407	33.4	1 x Medium Output	
	Micro Prismatic			1278		1744		2180		2616		3052			3488
	Frosted			1308		1937		2421		2906		3390			3874
	Asymmetric Frosted			1453		2004		2505		3006		3507			4008
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

- Plaster recess mounting brackets.
- "T" rail mounting brackets.