

LUMATECH

Linear Lighting Solutions



PROFILE LT60 SERIES

QUALITY COMPONENTS

LOCALLY DESIGNED AND ASSEMBLED

CRI 90+ AS STANDARD

L90 @ 50,000HRS B10

DIRECT, DIRECT/INDIRECT AND RECESSED OPTIONS

5
YEAR
WARRANTY

PROUDLY
NZ MADE
FROM LOCAL &
IMPORTED
COMPONENTS

MODERN, SOPHISTICATED LIGHTING DESIGN

Designed and manufactured in New Zealand from quality components, the new Lumatech 60 profile series draws on decades of local knowledge and expertise.

Thick-walled profiles combined with toolless adjustable wire suspensions result in simple installation on walls and ceilings.

Diffusers are cast, flat sheet providing greater stability and available in Opal or Micro Prismatic. Light engines are standard CRI90+ 3000K or 4000K with the option of CRI80+ 4000K ultra-high output, upon request.

A high level of thermal management is achieved with a substantial gear tray to boost heat dispersion and to maximise component life.

Mounting options include a direct profile (LT60D) that can be mounted directly to ceilings and walls

or suspended, a direct/Indirect profile (LT60H) for either wall or suspension and the Recessed Direct profile (LT60R) for plaster and t-rail systems.

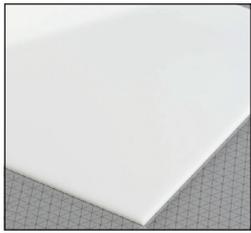
Components are sourced locally where possible and imported products are from leading suppliers which have been selected for their high quality and ease of use.

All assembly is completed in Auckland by our team of experienced lighting technicians.

QUALITY COMPONENTS

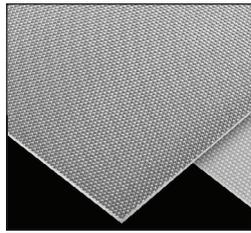
- Tridonic LED boards and drivers
- Suspension systems from Italy
- Aluminium profiles and metal work
- Micro prismatic diffusers
- Opal diffuser

DIFFUSERS



Lucent® Opal Diffuser

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



Microprismatic Diffuser

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



Indirect Optic

- 95% Transmission
- Batwing Distribution
- Smooth Wide Wash
- Protection from HV LED Output Options



Geartray Lens

- 97% Transmission
- 90deg Distribution
- Focus Output on Diffuser
- Protection from HV LED
- Can Be Used Standalone

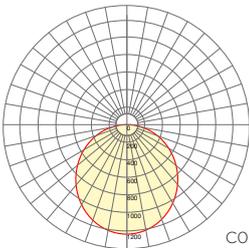


Indirect Optic

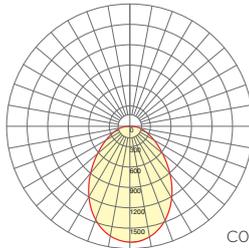
- 95% Transmission
- Single Asymmetric
- Suitable For Wall Light
- Protection from HV LED
- Can Be Used Standalone

DISTRIBUTION

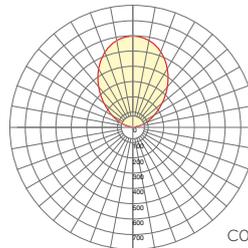
Direct - Opal



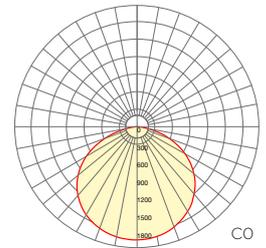
Direct - Prismatic



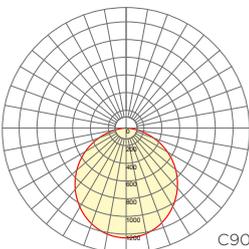
InDirect - Batwing



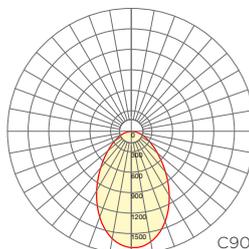
Direct - No Diffuser



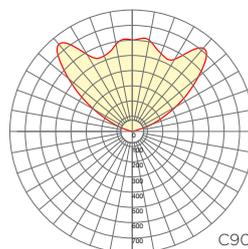
Direct - Opal



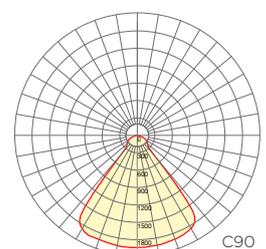
Direct - Prismatic



InDirect - Batwing



Direct - No Diffuser



GEARTRAYS & LUMINAIRE LENGTHS

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.

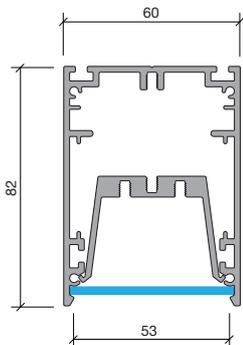
For specified lengths that fall between the 140mm increments powder coated blanking plates can be added to avoid any unlit diffuser section.

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

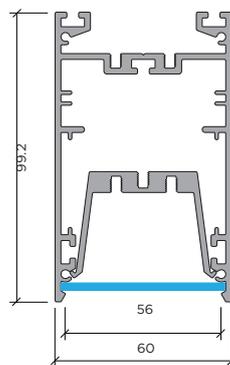
Length Example 1 2400mm required length >> 1125mm Geartray + 1265mm Geartray = 2390mm
Plus 10mm for pair of endcaps = 2400mm

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

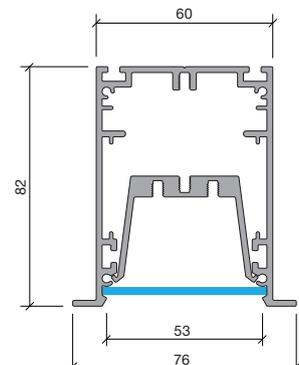
PROFILE LT60D



PROFILE LT60H



PROFILE LT60R



PROFILE LT60D & PROFILE LT60R

CRI90 p/m	150mA		200mA		250mA		300mA		350mA		400mA	
	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	150mA		200mA		250mA		300mA		350mA		400mA	
	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	

PROFILE LT60H

CRI90 p/m	150mA		200mA		250mA		300mA		350mA		400mA	
	Lm	W										
Opal	1345	18.0	1749	23.5	2154	29.5	22523	36.0	2927	42.5	3356	48.5
Micro Prismatic	1246		1621		1996		2337		2712		3109	
Open	1720		2238		2756		3228		3745		4293	
Indirect	805		1047		1290		1511		1753		2009	

CRI80 p/m	150mA		200mA		250mA		300mA		350mA		400mA	
	Lm	W										
Opal	1587	18.0	2064	23.5	2542	29.5	2977	36.0	3454	42.5	3960	48.5
Micro Prismatic	1470		1912		2355		2758		3200		3669	
Open	2030		2641		3252		3809		4420		5066	
Indirect	950		1236		1522		1782		2068		2371	

ACCESSORIES & OPTIONS

- Suspensions
- Recess plaster bracket
- Wall mount bracket
- "T" rail mounting bracket (recessed only)
- Screwless end caps
- Round ceiling rose
- Square ceiling rose
- Corners fabricated to any angle (vertical and horizontal)
- Asymmetric indirect option for wall mounted luminaires
- PIR sensors and/or emergency lighting
- Dimming - Dali, DSI, switch dim

POWDER COAT COLOURS

- **Standard Colours:** Dulux Mannex White, Dulux Mannex Black, Dulux Mannex Silver
- Custom powder coat colours on request