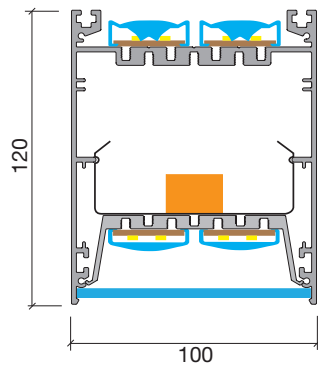
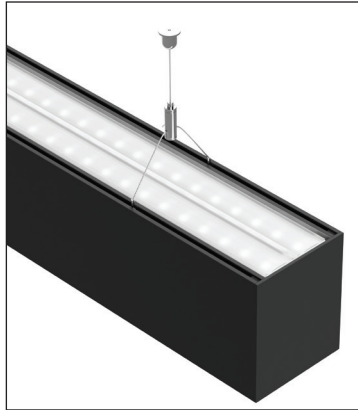


LUMATECH

Linear Lighting Solutions

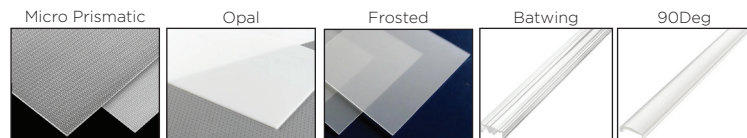
LT100H Suspended-Direct-Indirect




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.
- The indirect component uses a Tridonic batwing or asymmetric distribution linear lens for upward illumination.
- Direct/indirect commonly switched has a 67/33 lumen split as standard a with 50/50 lumen split for individually switched.

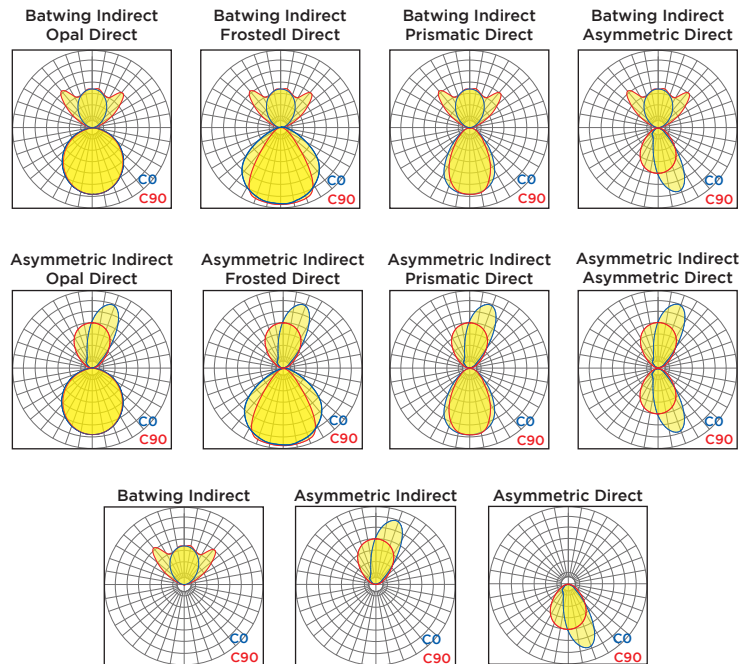
DIFFUSERS



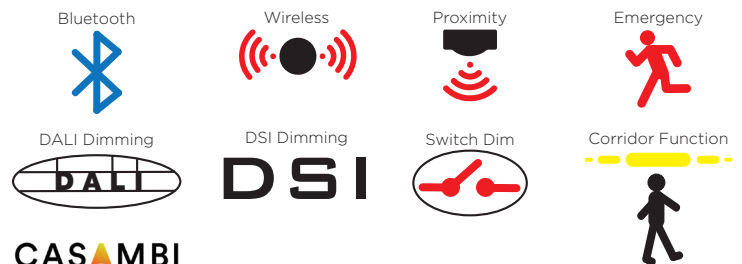
- | | | | | |
|--|--|---|---|--|
| Micro Prismatic
<ul style="list-style-type: none"> • High Transmission • Opalescent Appearance • No pixellation • Low UGR • Soft Edge Beam for Uniformity | Opal
<ul style="list-style-type: none"> • High Transmission • Homogeneous • No pixellation • Maintains High CRI • High Vertical Illuminance | Frosted
<ul style="list-style-type: none"> • 92% Transmission • Homogeneous • Maintains High CRI | Batwing
<ul style="list-style-type: none"> • 95% Transmission • Homogeneous • Batwing Symmetric Distribution • Smooth Wide Wash | 90Deg
<ul style="list-style-type: none"> • Geartray Lens • 97% Transmission • 90deg Distribution • Focuses Output On Diffuser • Can Be Used Stand Alone |
|--|--|---|---|--|
-
- | |
|--|
| Asymmetric
 <ul style="list-style-type: none"> • 95% Transmission • Single Asymmetric • Suitable For Wall Up Light • 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 for non SELV applications.

DISTRIBUTION



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

5
YEAR

LUMATECH

Linear Lighting Solutions

LUMEN/M

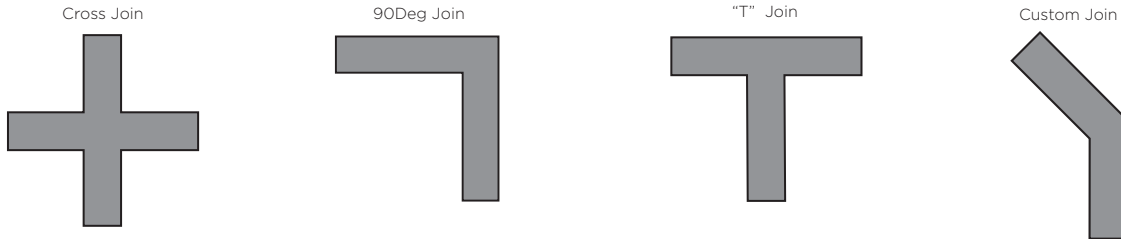
CRI90 p/m 4000K			150mA		200mA		250mA		300mA		350mA		400mA		Rows Boards		
			Lm	W	Lm	W	Lm	W	Lm	W	Lm	W	Lm	W			
LT100H Low Output	Opal	Direct	1218	12.5	1624	16.7	2030	20.9	2436	25.0	2842	29.2	3247	33.4	2 x Rows Low Output		
	Micro Prismatic		1350		1800		2250		2700		3150		3600				
	Frosted		1498		1997		2497		2996		3496		3995				
	Asymmetric Frosted	Direct	765	6.3	1020	8.3	1275	10.4	1530	12.5	1786	14.6	2041	16.7	1 x Rows Low Output		
	Batwing	Indirect	665		886		1108		1329		1551		1772				
	Asymmetric		765		1020		1275		1530		1786		2041				
LT100H Medium Output	Opal	Direct	2436	24.1	3247	32.1	4059	40.1	4871	48.2	5683	56.2	6495	64.2	2 x Rows Medium Output		
	Micro Prismatic		2700		3600		4500		5400		6300		7200				
	Frosted		2996		3995		4994		5992		6991		7990				
	Asymmetric Frosted	Direct	1530	8.9	2041	11.8	2551	14.8	3061	17.7	3571	20.7	4081	23.7	1 x Rows Medium Output		
	Batwing	Indirect	1329		1772		2215		2658		3101		3544				
	Asymmetric		1530		2041		2551		3061		3571		4081				
LT100H High Output	Opal	Direct	3702	36.1	4936	48.2	6170	60.2	7404	72.3	8638	84.3	N/A	2 x Rows High Output			
	Micro Prismatic		3104		5472		6840		8208		9576						
	Frosted		4554		6072		7590		9108		10626						
	Asymmetric Frosted	Direct	2326	17.7	3102	23.7	3877	29.6	4653	35.5	5428	41.4		2 x Rows Medium Output			
	Batwing	Indirect	2658		3544		4430		5316		6402						
	Asymmetric		3061		4081		5101		6122		7142						
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.																	

LUMATECH

Linear Lighting Solutions

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

Italian 3m & 5m suspensions with tool-less height adjustment.
Screwed endcaps for budget applications.
Screwless endcaps for a seamless look.
Round or square ceiling roses.
Rod suspensions.