



LIGERA 50

Modular

Configure your light, effortlessly.

LIGERA 50 Modular

Direct

Our modular lighting profile, Ligera, brings the versatility and simplicity you need in top-notch class at an affordable price. Powered with high end and intelligent technology, Ligera offers you convenience to achieve an affordable and well-lit space anywhere. Perform any imaginable configuration and install with various mounting options as you require.

Physical

Dimensions

50 mm W x 78 mm H

Finish Options

Powdercoat Black / White / Silver

Environmental

IP20

IP55 restrictions apply

Weight

2.5 kg/m

Mounting Options

Wire Suspended
Surface Mounted
Wall Mounted
Rod Suspended

Ambient Operating Temperature

T_a 0° to 35 °C

Electrical

Control Gear

Integrated Flicker free

Power Consumption Range

5.0 to 40.0 W/m

Luminous Efficacy

Up to 109 Lm/W @ 1200 lm, 11.0 W/m, T_c 65°C
Diffused

Lumen Maintenance

72,000 hours (L80/B10 at 25°C)

Dimming Options

Fixed Output
SwitchDIM
DALI-2

Photometrics

Flux Range

550 to 3850 lm/m @ 4000K, CRI 80+,
T_a max 35°C, Diffused
typical lumen packages - see page 5 for details
other lumen packages available upon request

Distributions see page 5 for details

Diffused
Microprismatic Glare Control UGR<19
Indirect available refer to page 4

Light Source

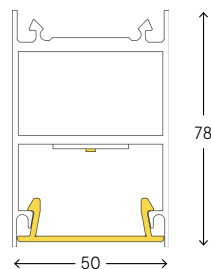
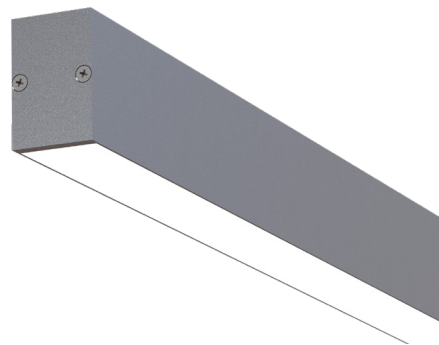
LED Boards SDCM<3

Correlated Colour Temperature

3000K/ 4000K/ 5000K

Colour Rendering Index

80+
90+ available



Optical and Electrical values are subject to a tolerance of +/- 10%.

Lumen Output values are "delivered" lumens, which take into consideration losses in the diffuser. These values are more relevant than source lumens, as luminaire efficiency is accounted for. Values given above are based on 4000K and T_c of 65°C

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LIGERA 50 Modular

Recessed

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Physical

Dimensions

50 mm W x 78 mm H

Finish Options

Powdercoat Black / White / Silver

Environmental

IP20

IP55 restrictions apply

Weight

2.5 kg/m

Mounting Options

Recessed

Ambient Operating Temperature

T_a 0° to 35 °C

Electrical

Control Gear

Integrated Flicker free

Power Consumption Range

5.0 to 40.0 W/m

Luminous Efficacy

Up to 109 Lm/W @ 1200 lm, 11.0 W/m, T_c 65°C

Diffused

Lumen Maintenance

72,000 hours (L80/B10 at 25°C)

Dimming Options

Fixed Output

SwitchDIM

DALI-2

Photometrics

Flux Range

550 to 3850 lm/m @ 4000K, CRI 80+,

T_a max 35°C, Diffused

typical lumen packages - see page 5 for details

other lumen packages available upon request

Distributions see page 5 for details

Diffused

Microprismatic Glare Control UGR<19

Light Source

LED Boards SDCM<3

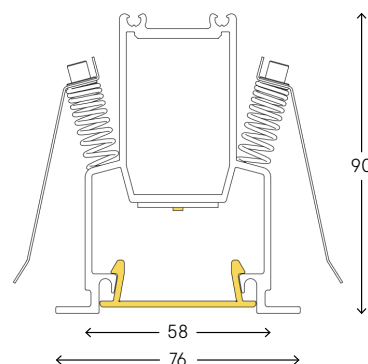
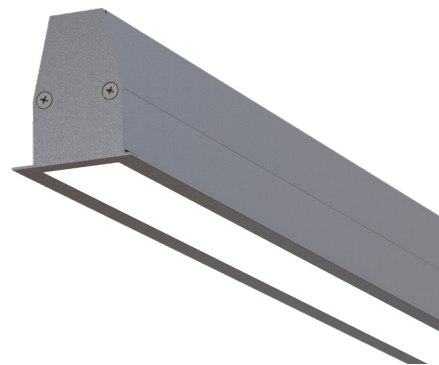
Correlated Colour Temperature

3000K/ 4000K/ 5000K

Colour Rendering Index

80+

90+ available



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LIGERA 50 Modular

Indirect

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Physical

Dimensions

50 mm W x 78 mm H

Finish Options

Powdercoat Black / White / Silver

Environmental

IP20

Weight

2.5 kg/m

Mounting Options

Wire Suspended
Wall Mounted
Rod Suspended

Ambient Operating Temperature

T_a 0° to 35 °C

Electrical

Control Gear

Integrated Flicker free

Power Consumption Range

Indirect Only

5.0 to 25.0 W/m

Direct and Indirect Combined

10.0 to 50.0 W/m

Luminous Efficacy indirect

Up to 137 Lm/W @ 1000 lm, 7.3 W/m, T_c 65°C

Diffused

Lumen Maintenance

72,000 hours (L80/B10 at 25°C)

Dimming Options

Fixed Output
SwitchDIM
DALI-2

Photometrics

Flux Range

Indirect Only

700 to 3250 lm/m @ 4000K, CRI 80+,

T_a max 35°C, Diffused

With Direct; Indirect limited to

700 – 2660 lm/m for typical lumen

packages - see page 5 for details

Distributions see page 5 for details

Diffused

Light Source

LED Boards SDCM<3

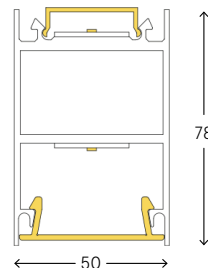
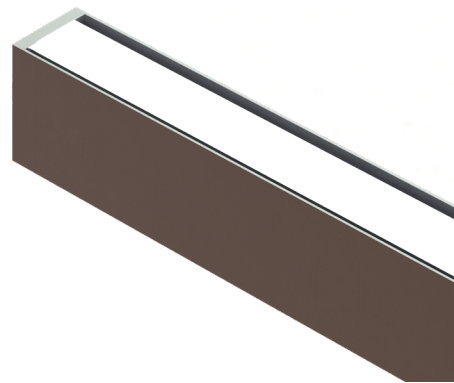
Correlated Colour Temperature

3000K/ 4000K/ 5000K

Colour Rendering Index

80+

90+ available



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LIGERA 50 Modular

Options

Sensors
Occupancy
Daylight Harvesting



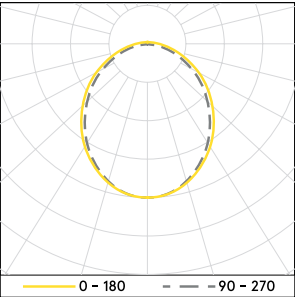
A lighting management ecosystem to allow businesses to easily optimise lighting comfort, save energy, gain valuable data insights and cost effectively scale to their environment as business needs evolve.

Additional Info

Warranty
Product
5 Years
Terms and conditions apply

Configurations & Specific Data

Diffused



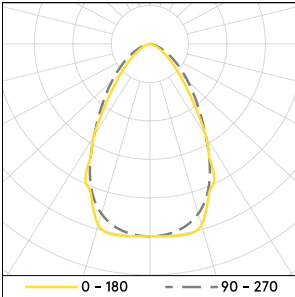
Flux Range
550 to 3850 Lm/m
**Maximum limited to 2990 Lm/m when combined with indirect*

Typical Lumen Packages
1200 lm/m, 11.0 W/m
1600 lm/m, 15.0 W/m
2000 lm/m, 19.1 W/m
2400 lm/m, 23.4 W/m
2800 lm/m, 27.8 W/m

Luminous Efficacy
Up to 109 Lm/W @ 1200 lm, 11.0 W/m, T_c 65°C



Microprismatic



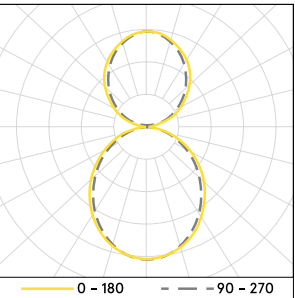
Flux Range
480 to 3370 Lm/m
**Maximum limited to 2620 Lm/m when combined with indirect*

Typical Lumen Packages
1200 lm/m, 12.7 W/m
1600 lm/m, 17.4 W/m
2000 lm/m, 22.2 W/m
2400 lm/m, 27.2 W/m
2800 lm/m, 32.4 W/m

Luminous Efficacy
Up to 95 Lm/W @ 1200 lm, 12.7 W/m, T_c 65°C



Diffused-Up



Flux Range
Indirect Only
700 to 3250 lm/m @ 4000K, CRI 80+,
T_a max 35°C, Diffused
With Direct; Indirect limited to
700 – 2660 lm/m for typical lumen packages

Typical Lumen Packages
1000 lm/m, 7.3 W/m
2000 lm/m, 14.6 W/m

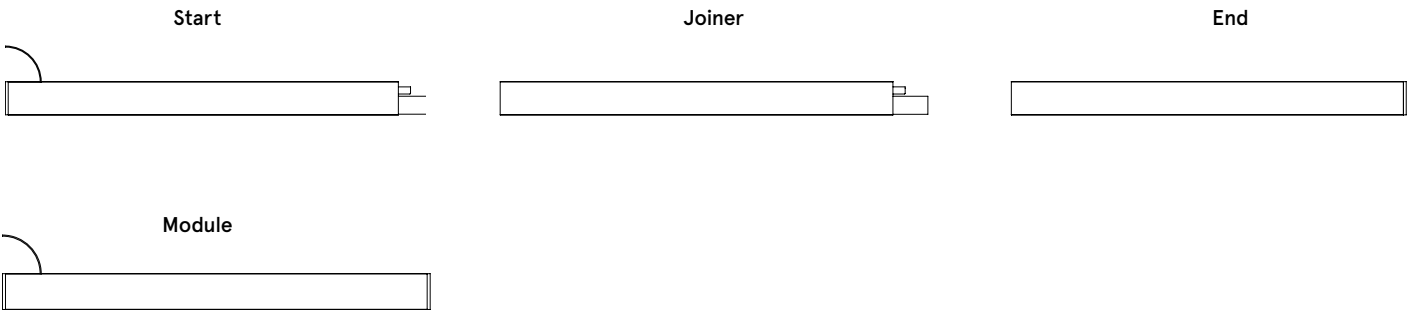
Luminous Efficacy
Up to 137 Lm/W @ 1000 lm, 7.3 W/m, T_c 65°C



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Configuration Table



Configuration		Start	Joiner	End	Module
Primary	5 Board	5S 1411 mm	5J 1405 mm	5E 1411 mm	5M 1417 mm
	10 Board	10S 2816 mm	10J 2810 mm	10E 2816 mm	10M 2822 mm
Increment	3 Board	3S 849 mm	-	3E 849 mm	3M 855 mm
	4 Board	4S 1130 mm	-	4E 1130 mm	4M 1136 mm
	6 Board	6S 1692 mm	-	6E 1692 mm	6M 1698 mm
	7 Board	7S 1973 mm	-	7E 1973 mm	7M 1979 mm
	8 Board	8S 2254 mm	8J 2248 mm	8E 2254 mm	8M 2260 mm
	9 Board	9S 2535 mm	-	9E 2535 mm	9M 2541 mm
	11 Board	11S 3097 mm	-	11E 3097 mm	11M 3103 mm
	12 Board	12S 3378 mm	12J 3372 mm	12E 3378 mm	12M 3384 mm

Configuration Codes

Use the above to code your solution for ease of quoting and discussing with our team.
Configure the Ligera module to meet your length requirement.

EG: **10S - 5J - 3E**
 2816 + 1405 + 849 = **5070 mm**

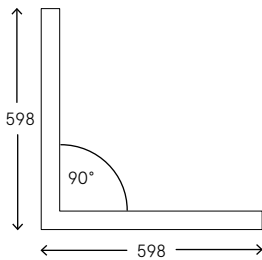
The lengths above are not representing the recessed option.

LIGERA 50 Modular

Mitre Sections

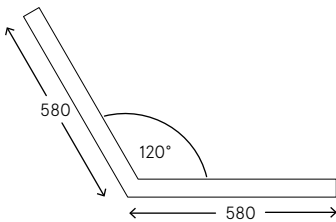
Product
Mitre Module
2-Way Insert

Length Options
90° L Shape
See drawing below for length



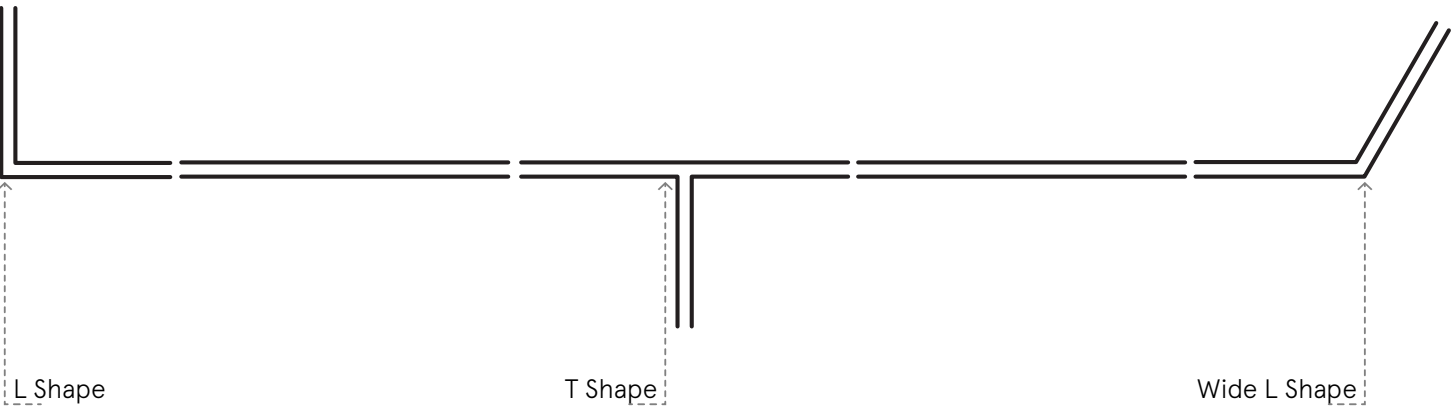
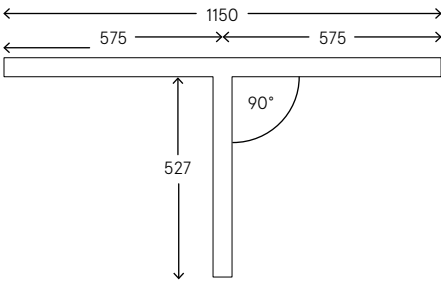
Product
Mitre Module
2-Way Insert

Length Options
120° Wide L Shape
See drawing below for length



Product
Mitre Module
3 Way Insert

Length Options
90° T Shape
See drawing below for length



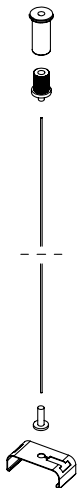
The lengths above are not representing the recessed option.

LIGERA 50 Modular

Suspension Kits

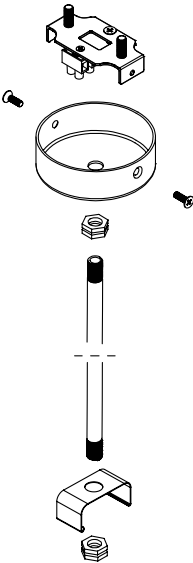
Product
Wire suspension kit
1.5, 3, 5 metre cables

Finish Options
Silver



Product
Rod suspension kit
with 1.2 metre rods

Finish Options
Powdercoat Black / White



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Specification Statement

Use the below statement for your schedules, specifications, or quotes.

Guide: Copy and paste into your document.
Remove unwanted options in **Green**.
Add custom data points where noted in **Blue**.

LIGERA 50 with 5 Year Product Warranty, as manufactured by mLight Pty Ltd. Product complete with mConnect system Light Chamber, Installation Bracket, LED boards with 3 SDCM, integrated **(DALI-2 / Fixed Output / SwitchDIM)** control gear, supports for **(Wire Suspended / Rod Suspended / Surface Mounted / Wall Mounted / Recessed)**. Dimensions 50 mm wide x 78 mm tall x **(xxxx)** mm long, including endcaps. Finished in **(Black PC / White PC / Silver PC / Decorative Coating / Custom Colour)**, IP 20 rated, Direct Light with **(Diffused / Microprismatic Glare Control)** distribution, **(xxxx)** Lm/m, **(xxxx)** W/m, L80 B10 72,000 hrs at Ta 25°C. Installation as per MLight recommendations.

Coding System

Use the below to code your solution for ease of quoting and discussing with our team.
Start with **L50** and then follow on with additional codes.

EG: L50-RS-B-9-30-MPR-2800-D-UP-2000- DALI-2

Mounting	Code	Finish	Code	CRI	Code	CCT / Light	Code	Direct Distribution	Code	Direct Lumen Package	Code	Indirect Distribution	Code	Indirect Lumen Package	Code	Dimming Option	Code
Rod Suspended	RS	Black PC	B	80+	8	3000 K	30	Diffused	DIF	1200	1200	Diffused-Up	D-UP	1000	1000	DALI-2	DA2
Wire Suspended	WS	White PC	W	90+	9	4000 K	40	Microprismatic Glare Control	MPR	1600	1600			2000	2000	Fixed Output	FO
Surface Mounted	SM	Silver PC	S			5000 K	50			2000	2000					SwitchDIM	SD
Wall Mounted	WM									2400	2400						
Recessed	RM									2800	2800						
Combination	CM																

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INTEGRATE LIGHT WITH LIFE, BEAUTIFULLY
