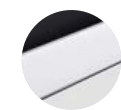


# LX

## LINEAR SERIES

The LX Linear Series delivers on a simple premise – extensibility in configuration and seamlessness in installation. The sizes and lengths of the LX Series has been designed to meet even the most rigorous project requirements. The correlating accessories provide infinite extensibility for projects small and large.

Surface Mounted/Suspended		
LX S62/B62	62 x 82mm	216
LX S78/B78	78 x 102mm	220
Recessed		
LX R56	56 x 32mm	224
LX R75	75 x 37mm	226
LX R90	90 x 42mm	228



### Opal / Prismatic Diffuser

The LX Linear Series can be configured with a highly efficient opal or low glare prismatic diffuser.



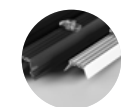
### Indirect / Direct Illumination

The LX Linear Series balances impressive direct illumination with optional soft indirect illumination for surface mounted or suspended options.



### Modular Connect System

The Modular Connect System makes installing and connecting LX Linear Series from module to module stress-free and quick.



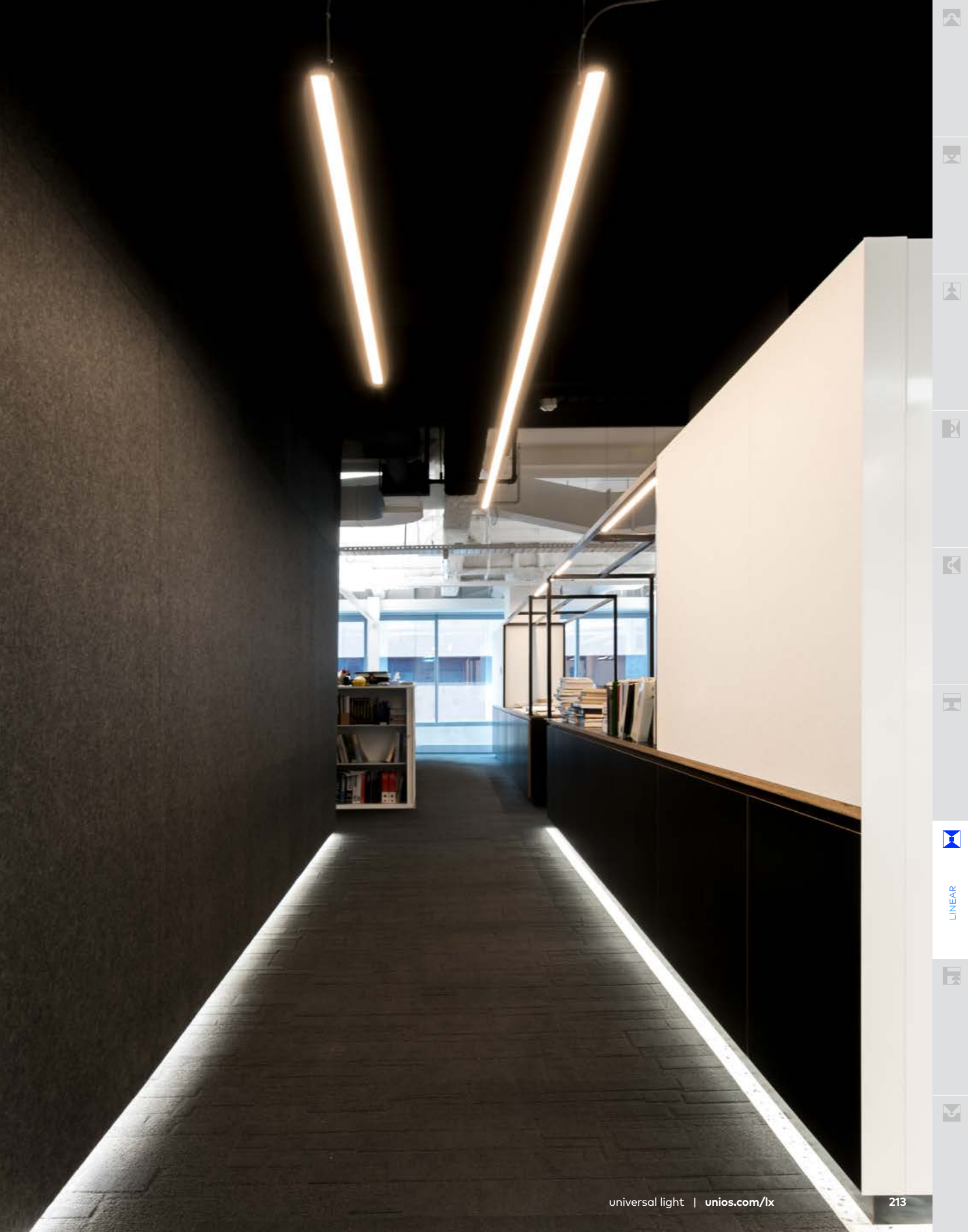
### Baffle Option

Surface mounted or suspended LX linear profiles can be paired with a baffle option to further reduce glare.

powered by  
**TRIDONIC**

### Tridonic Power Supply

The LX Series is powered by best in class Tridonic power gear for superior durability and longevity.



# Modular Connect System | Surface/Suspended

LX SERIES



01

## Opal / Prismatic (Optional) Diffuser

The precisely designed opal (standard) diffuser delivers high lumen efficacy. An optional prismatic diffuser can also be configured to provide low glare (<19).

02

## LED Tray

A simple to remove inset LED tray that provides easy access to connection plates and power.

03

## Side Plate Connector

Part of the 180° Connector Accessory (see individual data sheets), the side plate connector easily slides and locks into each profile for rigidity, zero light leakage and a seamless join.

04

## Base Plate Connector

Part of the 180° Connector Accessory (see individual data sheets), the base plate connector easily slides and locks into each profile for a rigid and seamless join.

05

## Single Power Feed

Connect two or more LX Series profiles through a built-in easy connect plug via a single power feed. Connect up to 50m of LX Series profiles continuously with a single power feed.

## Uniformity, rigidity and ease of installation for LED profile projects of all shapes and sizes

The Modular Connect System we have developed focuses on the ability to quickly join two or more profiles and to provide a rigid and zero light leakage connection. The result is an easy-to-install and ultra rigid connection that looks seamless.



## Aluminium LED PCB

Designed with an aluminium LED PCB for superior heat dissipation and longevity of LEDs.



## Zero Light Leakage

The Modular Connect system seamlessly connects LX profiles with zero light leakage at the connection.



## Rigid Connection

With the Side Plate and Base Plate Connectors, a highly durable and rigid connection is achieved.

A	B	C	D	E	F
LXSD	6205	TB	30	W	-
Example: <b>LXSD6205.TB30.W</b> Refer to data sheet for available configurations. Visit Product Toolbox at <a href="https://unios.com/lx62">unios.com/lx62</a> to configure compatible Osram/Tridonic DALI drivers.					
A	Product Family	Size/Length	CCT	Beam	Driver (DALI drivers can be configured via Product Toolbox)
LXSD	LX Linear (Surface Direct)	570mm	27	Wide	-
LXSI	LX Linear (Surface Direct & Indirect)	850mm	30	(Prismatic)	Non-dimmable driver is integrated into luminaire - no code is required.
LXBD	LX Linear (Baffle Direct)	1130mm	40	Flood	For analogue or DALI options please specify via Product Toolbox
LXBI	LX Linear (Baffle Direct & Indirect)	1410mm	40	(Opal)	
		1690mm			
		1970mm	27		
		2250mm	30		
		L Connector	4000K		
		Straight Connector			
		6219			
		6222			
		62LC			
		625C			
		TB			
		TW			
		White			

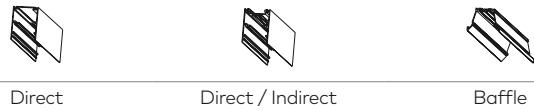


# LX S62 / B62

LINEAR LIGHT

The LX S62 and B62 (baffle option) can be configured with direct or direct/indirect illumination and can be surface mounted or suspended for flexibility in residential and commercial applications. Through the modular connect system, a continuous length of 50m can be created.

### 1) Profile Options (specify via sidebar)



Direct      Direct / Indirect      Baffle

### 2) Diffuser Options (specify via sidebar)



Opal (Standard)      Prismatic

### 3) Optional Connection Accessories (specify via sidebar)



Straight Connector Kit      7W (Indirect) / 15W (Direct) 90° Connector (Incl. LEDs, power supply and 2x Straight Connector Kits)

Finishes	
Textured Black	
Textured White	
Baffle Finishes	
Textured Black	
Textured White	
Custom powder coated finishes available upon request	

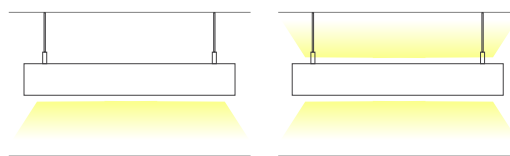
General Specifications	
<b>Material</b>	Powder Coated Aluminium
<b>LXS62 Weight</b>	3.3kg/Metre
<b>LXB62 Weight</b>	3.2kg/Metre
<b>90° Connector Weight</b>	1.5kg
<b>IP</b>	40
<b>UGR (Unified Glare Rating)</b>	<22 (Opal), <19 (Prismatic/Baffle)
<b>Warranty</b>	5 Years

LED	
<b>Colour Temp</b>	2700K, 3000K, 4000K
<b>CRI</b>	82+
<b>Efficacy</b>	Up to 101lm/w
<b>Colour Deviation</b>	SDCM≤3
<b>Lifetime</b>	64,000h L70

Driver	
<b>Power Factor</b>	>0.90
<b>240V Built-in Non-Dimmable Driver</b>	Dimmable built-in driver option available
<b>Dimming</b>	1-10V Dim (AD) DALI Dim Optional

**Note**  
Baffle option can only be specified with an opal diffuser.

### 4) Optional Suspension Accessory



Includes 2x 3m Stainless Steel Suspension Cables



Suspended Wire Kit  
Code: LXSK2P30.AC

Note: Profile comes pre-assembled with suspension brackets for easy installation

### 5) Optional Canopy Accessory

Includes Canopy Box + Clear 3m Power Cable



Canopy Kit (3 Core Non-Dim)  
Code: LXCK3C30.TWAC (White)  
LXCK3C30.TBAC (Black)

Canopy Kit (5 Core DALI or 1-10V)  
Code: LXCK5C30.TWAC (White)  
LXCK5C30.TBAC (Black)



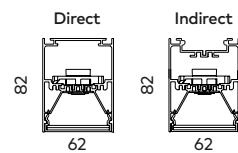
Top: Arup Office  
Above: Inset baffle option for minimal glare  
Right: Suspended Pendant Accessory with our direct/indirect LX profile

A	B	C	D	E	F
LXSD	6205	TB	30	W	-
Example: LXSD6205.TB30.W					
Refer to data sheet for available configurations.					
Visit Product Toolbox at <a href="https://unios.com/lxs62">unios.com/lxs62</a> to configure compatible Osram/Tridonic DALI drivers.					
A	B	C	D	E	F
Product Family	Size/Length	Finish	CCT	Beam	Driver (DALI drivers can be configured via Product Toolbox)
LXSD LXSI LXBD LXBI	570mm 850mm 1130mm 1410mm 1690mm	TB TW	27 30 40	Wide (Prismatic) Flood (Opal)	Non-dimmable driver is integrated into luminaire - no code is required. For analogue or DALI options please specify via Product Toolbox

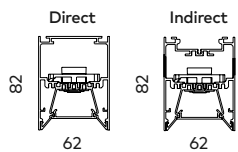
# LX S62 / B62 | Standard Size Options

LINEAR LIGHT

## Opal/Prismatic Measurements (mm)



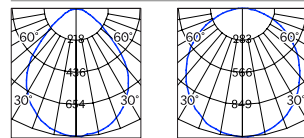
## Baffle Measurements (mm)



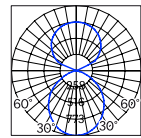
## Beam

90° (W) | Prismatic  
120° (F) | Opal

## Photometrics



a = 90° (Prismatic) a = 120° (Opal)



a = 90° (Opal Direct / Indirect)



## DIRECT ILLUMINATION

Length (mm)	Power	Prismatic	Absolute Luminous Flux	
			Opal	Baffle
570	15W	1170lm	1495lm	1140lm
850	22W	1716lm	2195lm	1672lm
1130	30W	2340lm	2995lm	2280lm
1410	38W	2964lm	3795lm	2888lm
1690	45W	3510lm	4495lm	3420lm
1970	52W	4056lm	5190lm	3952lm
2250	60W	4680lm	5990lm	4560lm

All absolute luminous flux listed at 4000K

## INDIRECT ILLUMINATION

Length (mm)	Power	Absolute Luminous Flux
		Opal
570	7W	875lm
850	11W	1375lm
1130	15W	1875lm
1410	19W	2375lm
1690	22W	2750lm
1970	26W	3250lm
2250	30W	3750lm

All absolute luminous flux listed at 4000K

Please add corresponding direct absolute luminous flux from table above to complete luminaire

Please email [sales@unios.com](mailto:sales@unios.com) or call +61 8 9248 1888 for custom lengths and wattages to suit projects.



Top: Arup Office  
Right: Aluminium LED PCB



F Driver (DALI drivers can be configured via Product Toolbox)  
Non-dimmable driver is integrated into luminaire - no code is required. For analogue or DALI options please specify via Product Toolbox

E Beam W Wide (Prismatic) Flood (Opal)

D CCT 27 2700K 30 3000K 40 4000K

C Finish TB Textured Black TW Textured White

B Size/Length 1970mm 6219 L Connector Straight 2250mm 6222 L Connector Straight 1410mm 6214 1690mm 6216

A Product Family LXSD LX Linear (Surface Direct) LXSI LX Linear (Surface Direct & Indirect) LXBD LX Linear (Baffle Direct) LXBI LX Linear (Baffle Direct & Indirect)

F LED+ LED-

E W

D 30

C TB

B 6205

A LXSD

Example: LXSD6205.TB30.W  
Refer to data sheet for available configurations. Visit Product Toolbox at [unios.com/lxs62](https://unios.com/lxs62) to configure compatible Osram/Tridonic DALI drivers.

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