

**BRIGHTLIGHT**



DALI - WIRELESS CONTROL - FIXED OUTPUT

E L E M E N T

L I N E A R L U M I N A I R E

# ELEMENT

ELEMENT is more than just a linear luminaire; it is a tribute to the seamless integration of form and functionality. With its sleek design and precision engineering, ELEMENT brings a new level of sophistication to lighting solutions. Its clean lines and minimalist form effortlessly blend with any architectural style, enhancing the visual appeal of any space.

- Made in New Zealand
- Ideal for commercial spaces and residential projects
- High quality components combine to create a high efficacy product.
- Custom-built up to 10 metres in length<sup>1</sup>
- Lighting control with DALI-2 or Wireless Control systems such as Casambi
- A wide range of lumen outputs available



## ROLLED DIFFUSER

Our continuous rolled diffuser provides a seamless light surface (up to 50metres).

## LOW GLARE OPTICS

Our revolutionary 3-layer optical design gives best in class glare control properties and UGR compliance<sup>2</sup> up to 2000lm/m.

## CEILING MOUNT EXTRUSION & WALL MOUNT BRACKETS

Our ceiling mount extrusion and wall mount brackets allow flexible fixing locations and simple installation.

## SUSPENSION KITS

The stylish chrome wire suspension will work on either standard or pitched ceilings and is adjustable at the luminaire junction. Available in 4 metre lengths.

## RECESSED BRACKET

The ELEMENT 80 recess model features mounting brackets which just need the twist of a screw to lock the luminaire into place.

## INTERNAL POWER CONNECTIONS AND MECHANICAL JOINS

Longer lengths can be easily joined together by using the built-in power connector system retaining a sleek look with a single external power cable.

## FINISHES

Featuring Dulux Protecture powdercoat offering scratch resistant technology in black, white and silver as standard, with custom colours available.

<sup>1</sup> Based on single power feed. Actual length dependant on electrical design of space. Longer lengths available with multiple power feeds.

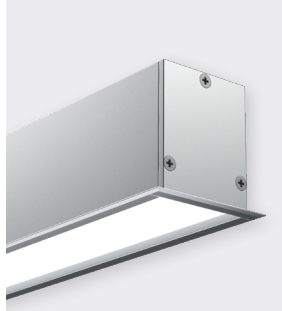
<sup>2</sup> Maximum lumen output for UGR 19 is dependant on the room dimension, luminaire layout and surface reflectance's. UGR table data is available.



## LUMINAIRE SPECIFICATIONS



ELEMENT 62



ELEMENT 80

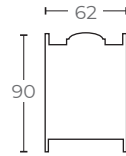
### PHYSICAL

MODEL	<b>ELEMENT 62</b> Suspend or Surface Mount <b>ELEMENT 80</b> Recess
LIGHT DISTRIBUTION	Direct & indirect Direct only
HOUSING	NZ Made Aluminium
INGRESS PROTECTION	Indoor use only
FINISH	Metro Silver Pearl, Black, or Appliance White powder-coat <i>Custom-colour finishes available by request</i>
MOUNTING	<b>Suspended</b> via 4m wire suspension for flat or pitched ceiling <b>Ceiling Mount</b> via ceiling mount extrusion <b>Wall Mount</b> via wall mount bracket <b>Recessed</b> via mounting clip
CABLE	<b>Suspended</b> 2m clear flex* <b>Ceiling Mount Std, Wall Mount &amp; Recess</b> 1m clear flex* <b>Ceiling Mount Power Connector</b> Built-in plug solution allowing a simple pre-install & electrical termination prior to luminaire fit-off. A good solution where ceiling access is limited. <i>*Custom lengths available by request</i>
WEIGHT	Minimum 2.4kg per linear metre Maximum 3.7kg per linear metre
OPERATING TEMP.	-10°C ~ +40°C
INGRESS PROTECTION	IP5X
WARRANTY	10 years

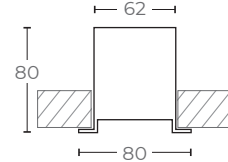
### POWER & CONTROL

INPUT	220-240V AC 50/60Hz
WATTAGE	<i>Refer to wattage information chart</i>
CONTROL	DALI, wireless control or fixed output

### MODEL DIMENSIONS

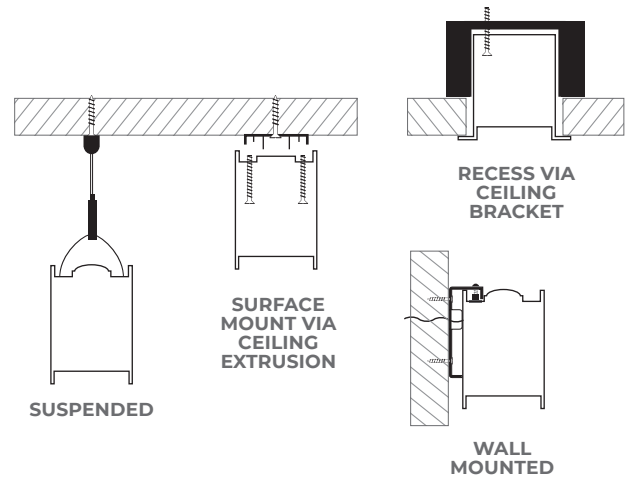


ELEMENT 62



ELEMENT 80

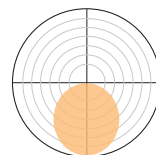
### MOUNTING ACCESSORIES (included where required)



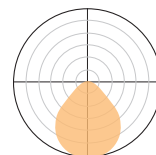
### LIGHT

LED BOARD	Constant current
LED COLOUR	3000K Warm White 4000K Natural White
CRI	90+
LUMENS/M	1000-4000lm/m (Direct) 1500-3500lm/m (Indirect)
OPTICS	<b>Direct</b> Opal diffuser or Low Glare diffuser (UGR 19) <b>Indirect</b> Ceiling wash (standard)
LIFETIME	>72,000H L80/B10
TM30	Reports available

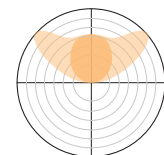
### LIGHT DISTRIBUTION



OPAL DIFFUSER



LOW GLARE DIFFUSER

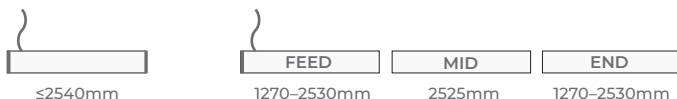


CLEAR LENS (INDIRECT)



**ELEMENT luminaires are highly customisable in length.** Our configurator will work out the best module sizes, **all you need to tell us your ideal length** and we'll match it as close as possible.

For lengths up to 2540mm, we produce the luminaires from a single piece of aluminium, while lengths greater than or equal to 2680mm consist of several modules that can be easily connected on-site using joiners and pre-installed power connectors. This modular approach simplifies accessibility during installation & helps reduce freight costs.



— SINGLE PIECE —

— MODULAR SYSTEM —

Feed & End pieces used for lengths  $\geq 2680\text{mm}$   
Mid piece used for lengths  $\geq 5065\text{mm}$

While we can accommodate requests for lengths up to 5 metres in a single piece of aluminium, additional logistic costs will apply, and accessibility will need to be considered.

#### WATTAGE INFORMATION

##### Direct Light Source

LUMENS (Lm/m)	Opal (W/m)	Low Glare (W/m)
1000	9.6	9.9
1500	14.4	16.8
2000	19.6	23.0
2500	25.1	30.2
3000	30.6	36.3
3500	36.8	-
4000	42.5	-

##### Indirect Light Source

LUMENS (Lm/m)	Clear Lens (W/m)
1000	-
1500	10.4
2000	14.4
2500	18.0
3000	21.7
3500	26.0
4000	-

Data based on 4000K

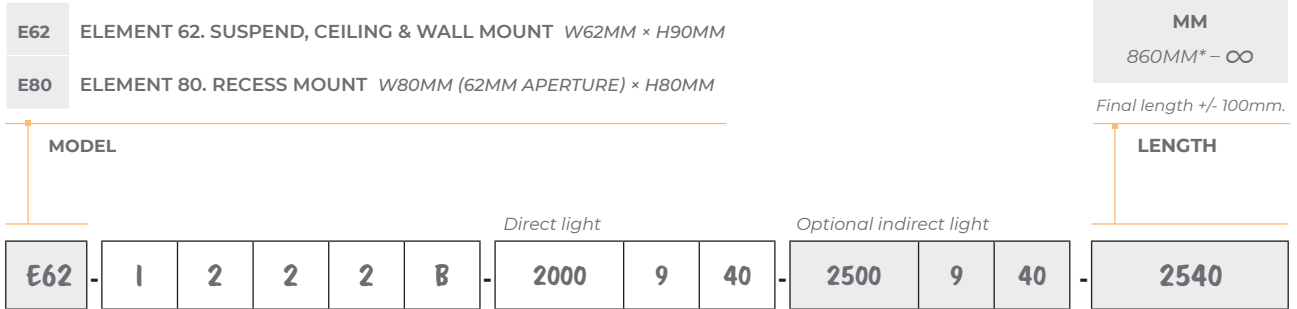


NZ MADE COMMERCIAL  
LUMINAIRE WITH PRECISION  
ENGINEERING & SLEEK DESIGN

# ELEMENT

## SPECIFICATION CODES

The coding guide below will provide a product code based on your desired lighting options.



### PHYSICAL PARAMETERS

MOUNT	LIGHT DISTRIBUTION	OPTIC	CONTROL	FINISH	LUMENS/M	CRI	CCT
1 Suspend	1 Direct	1 Opal	1 Fixed Output	S Silver	1000		
2 Ceiling Mount Std	2 Direct & Indirect	2 Low Glare**	2 DALI	B Black	1500	9 90+	30 3000K
3 Ceiling Mount Plug			3 Wireless Control	W White	2000		40 4000K
4 Wall Mounted				C Custom	2500		
5 Recessed					3000		
					3500		
					4000		

### DIRECT LIGHT

### INDIRECT LIGHT

LUMENS/M	CRI	CCT
1500		
2000		30 3000K
2500	9 90+	
3000		
3500		40 4000K

### E62-1222B-2000940-2500940-2540

The example code above will create the luminaire:

Element 62, Suspended, Direct & Indirect light, Low Glare diffuser, DALI control, Black finish, 2540mm.

Direct light: 2000lumens/m, CRI 90, 4000K.

Indirect light: 2500lumens/m, CRI 90, 4000K

Exact length will depend on board configuration and may differ by +/- 100mm

\* 860mm minimum for direct only fitting.

1140mm minimum for direct + indirect fitting (2000lm/m indirect)

\*\* UGR compliance up to 2000lm/m.

