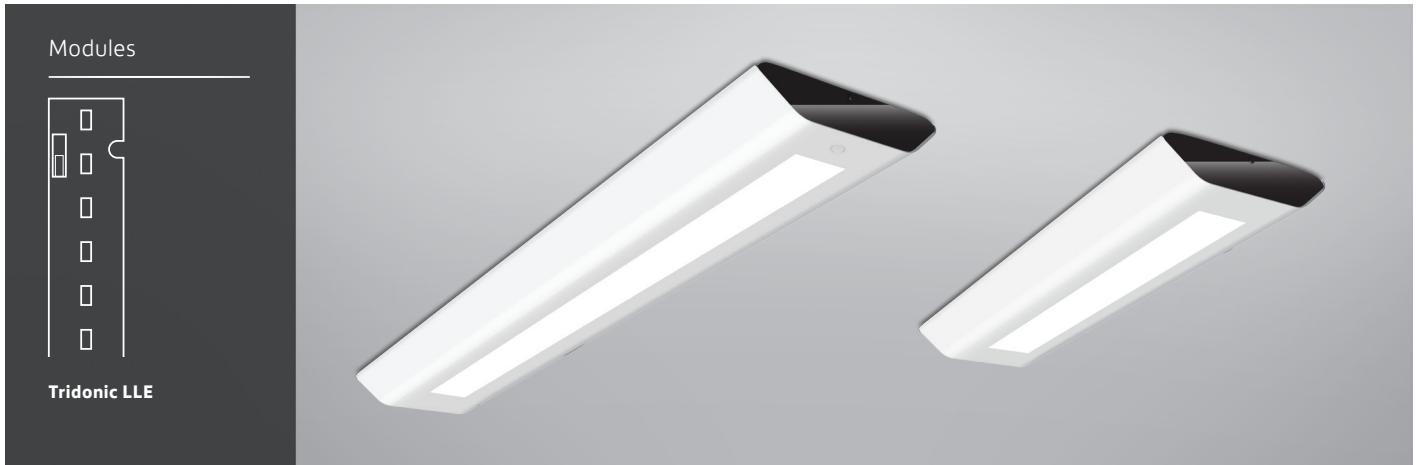


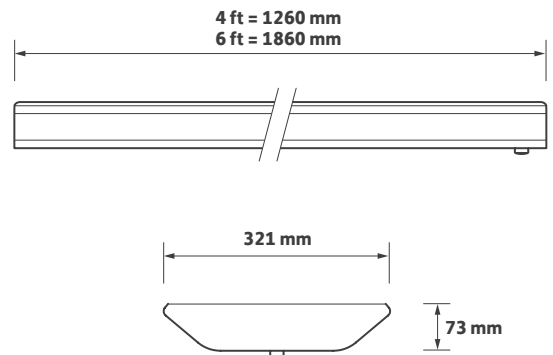
124 Series Datasheet



Key Features

- ▶ Dimensionally optimised for retrofit applications
- ▶ High efficiency acrylic diffuser for consistent illumination
- ▶ Robust polyester powder coated steel body in RAL 9010
- ▶ Dimming and sensor options
- ▶ Integrated emergency function
- ▶ Pendant versions available - 128 series

Technical Drawing



Ordering Information

Module Output	Power	Colour	Length	Model Ref.
2900 lm	26 W	830	4 ft	124.001
2900 lm	26 W	840	4 ft	124.002
4400 lm	33 W	830	6 ft	124.003
4400 lm	33 W	840	6 ft	124.004

Options

Please select from the options below.

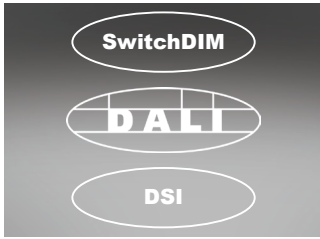
SwitchDIM, DALI or DSI	/ECO
Sensor on / off*	/SO
Sensor dim (10 / 100%)*	/SD
EM conversion with integral indicator	/EMI
Self-test EM conversion with integral indicator	/EMSI
DALI EM conversion with integral indicator	/EMDI

* Not available with **/ECO**

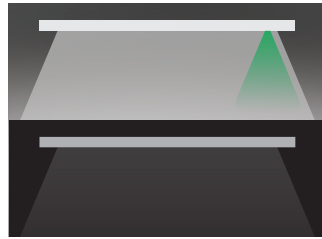


124 Series Options and Accessories

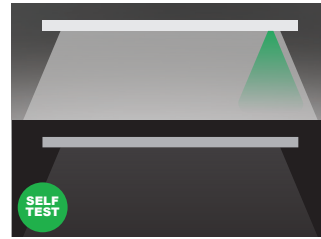
Options



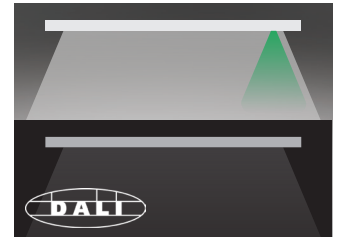
/ECO
SwitchDIM, DALI or DSI



/EMI
EM conversion with integral indicator



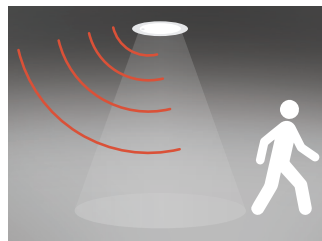
/EMSI
Self-test EM conversion with integral indicator



/EMDI
DALI EM conversion with integral indicator



/SO
Sensor on / off
Not available with /ECO



/SD
Sensor dim (10 / 100%)
Not available with /ECO



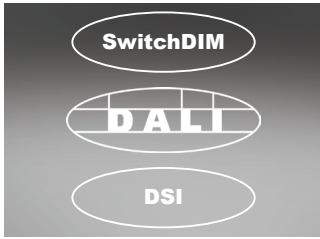
Pendant version available
Please see 128 Series datasheet



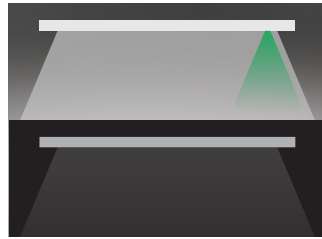
Product Variations
Other colours and specifications available on request

124 Series Options and Accessories

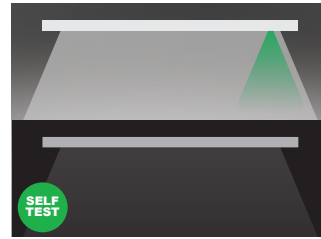
Options



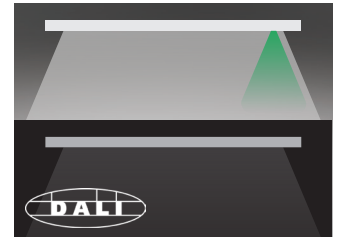
/ECO
SwitchDIM, DALI or DSI



/EMI
EM conversion with integral indicator



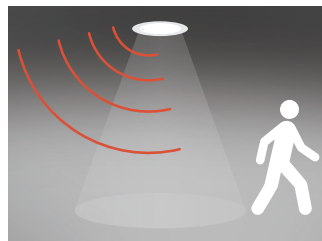
/EMSI
Self-test EM conversion with integral indicator



/EMDI
DALI EM conversion with integral indicator



/SO
Sensor on / off
Not available with /ECO



/SD
Sensor dim (10 / 100%)
Not available with /ECO



Pendant version available
Please see 128 Series datasheet



Product Variations
Other colours and specifications
available on request

124 Series Technical

Technical Information

Nominal weight (4 ft / 6 ft)	8 kg / 11 kg	Operating ambient temperature	-25°C to +35°C
Mains voltage	220 - 240 V	Mains lead	None, piano type terminal block
Mains frequency	50 - 60 Hz	Dimming lead (/ECO)	None, piano type terminal block
Ingress protection from front	IP44	Warranty	5 years
Ingress protection from rear	IP20	Power factor	>0.9
MacAdam	3 SDCM	Colour rendering	R_a 80

Model Ref.	Size	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	UGR	Optical Efficiency (%)
124.001	4 ft	26.0	2880	111	2304	88.6	3000	23	80
124.002	4 ft	26.0	2976	114	2381	91.6	4000	23	80
124.003	6 ft	33.0	4320	131	3240	98.2	3000	22	75
124.004	6 ft	33.0	4464	135	3348	101.5	4000	22	75

124 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / F10	L80 / F10	L70 / F10
124.001	20,000 h	43,000 h	>60,000 h
124.002	20,000 h	43,000 h	>60,000 h
124.003	20,000 h	43,000 h	>60,000 h
124.004	20,000 h	43,000 h	>60,000 h

“**L VALUE**” = % of initial lumens maintained after specified time

“**F VALUE**” = % of fittings failing to meet operational expectations after specified time

EXAMPLE

- 60,000 hrs L80 / F10 = 80% of initial lumens maintained after 60,000 hours
= 10% of fittings will have less than 80% of initial lumens after 60,000 hours
OR
= 90% of fittings will have maintained 80% of initial lumens after 60,000 hours