

FLEXLINE - Construction



Spring Steel Mounting Clip

Twist-fit tool free installation to a T-bar. Clip-fit to the Flexline

Steel Joining Clip

For tool free joining of lengths

Extruded Aluminium Profile

Anodised finish

LED PCB

Populated with high efficiency, medium power LEDs






Optical Assembly

Patented nanoprism optics for high performance and broad distribution

Louvre

Glare controlling louvre with black, metallised and white options

CONFIGURATOR

	EMERGENCY TYPE ♦	PRODUCT CODE	SIZE	VARIANT	REFLECTOR	CONTROL TYPE
Single 	W T E	FL	0018 0024 0036 0048	S	B M W	S D A L
Twin 	W T E	FL	0018 0024 0036 0048	T	B M W	S D A L
Corner 	W T E	FL	1818 2424	C	B M W	S D A L
Square 	W T E	FL	1818 2424	Q	B M W	S D A L
Rectangle 	W T E	FL	2412	Q	B M W	S D A L
E.g. FL0048TBS		FL	0048	T	B	S
	Non-Emergency	Flexline	4.8m	Twin	Black	SmartScan

EMERGENCY TYPE

- W - SmartScan* (+0.3kg)
- T - AutoTest** (+0.3kg)
- E - Emergency** (+0.3kg)

♦ Optional, leave blank if emergency is not required

* Only available with 'S' Control Type

** Not available with 'S' Control Type

SIZE

- 0018 - 1.8m
- 0024 - 2.4m
- 0036 - 3.6m
- 0048 - 4.8m
- 1818 - 1.8 x 1.8m
- 2424 - 2.4 x 2.4m
- 2412 - 2.4 x 1.2m

VARIANT

- S - Single
- T - Twin
- C - Corner
- Q - Quad

For wattages and lumen outputs see page 3

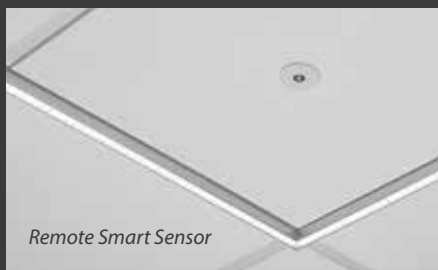
REFLECTOR

- B - Black
- M - Metallised
- W - White

CONTROL TYPE

- S - SmartScan (+0.1kg)
- D - Smart (+0.1kg)
- A - Dimming (DALI)***
- L - Non-dimming

*** Retractive switch dimming not available



EXTREMELY NARROW PROFILE LINEAR LUMAIRES



SPECIFICATION

- Extruded low-profile anodised aluminium body
- Designed specifically for mounting to an exposed T-bar ceiling
- Custom optical system combining a reflector, collimator and nanoprism lens for each LED
- Black 'invisible' light source, metallised low glare or white reflector options
- Wattage selectable during installation, see range table for options and lumen output
- Fast installation
- Provides design flexibility, no longer restricted by traditional luminaire spacings
- Pluggable power pack with flat ribbon cable, no need to cut ceiling tiles
- Fitted with 4000K LEDs

LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
DRIVER EFFICIENCY	>80%
REPLACEABLE	NO
POWER FACTOR	>0.95

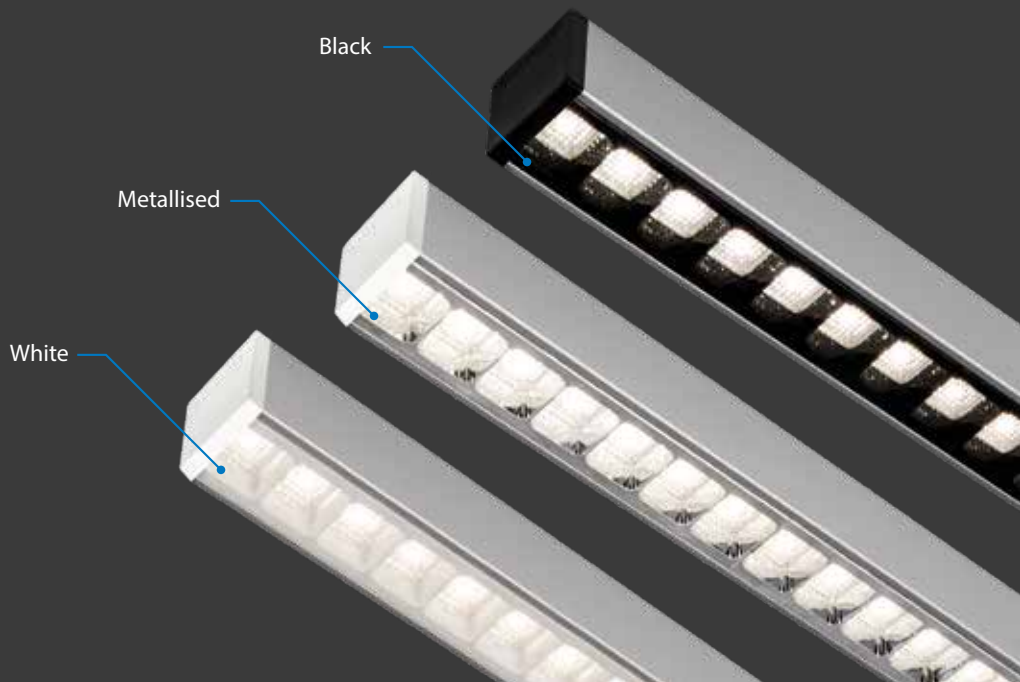
LL/CW 130.0

For LED characteristics explanation see www.thorlux.com/led-guide

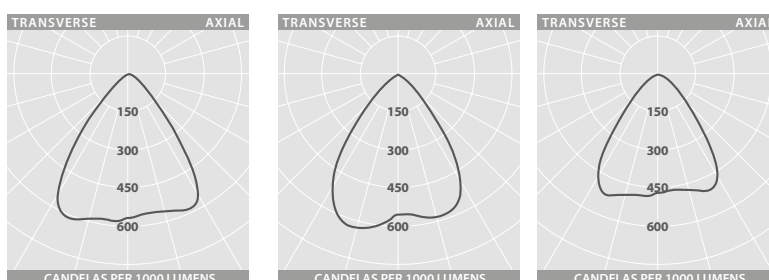
SmartScan Configurations



Find out more at www.thorlux.com/smartsan



PHOTOMETRIC GUIDE



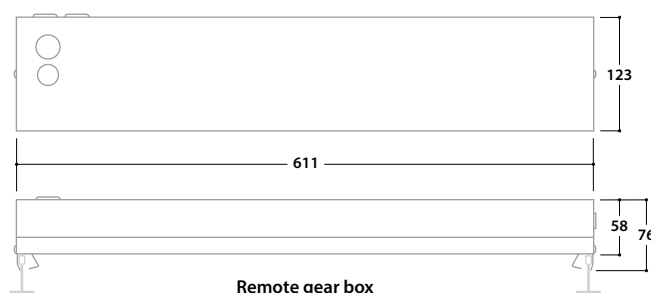
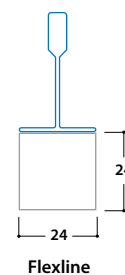
BLACK

For lumen outputs see page 3

METALLISED














WHITE

DIMENSIONS



FLEXLINE

TECHNICAL DATA

	LED WATTAGE		BLACK		METALLISED		WHITE		APPROX. kg
	PER KIT	PER METRE	LUMEN OUTPUT		LUMEN OUTPUT		LUMEN OUTPUT		
			PER KIT	PER METRE	PER KIT	PER METRE	PER KIT	PER METRE	
Single - 1.8m 	12	6.00	1245	692	1740	967	1680	933	1.0
	13	7.50	1335	742	1865	1036	1800	1000	
	15	8.50	1530	850	2135	1186	2060	1144	
	18	10.00	1815	1008	2535	1408	2445	1358	
Single - 2.4m 	14	6.00	1455	606	2030	846	1960	817	1.3
	18	7.50	1850	771	2585	1077	2495	1040	
	21	8.50	2140	892	2985	1244	2880	1200	
Single - 3.6m 	24	10.00	2420	1008	3380	1408	3260	1358	2.0
	21	6.00	2180	606	3045	846	2940	817	
	27	7.50	2775	771	3880	1078	3740	1039	
Single - 4.8m 	32	8.50	3260	906	4550	1264	4390	1219	2.7
	36	10.00	3630	1008	5070	1408	4890	1358	
	28	6.00	2910	606	4060	846	3915	816	
Twin - 1.8m 	36	7.50	3705	772	5170	1077	4990	1040	2.0
	42	8.50	4275	891	5975	1245	5760	1200	
	49	10.00	4940	1029	6900	1438	6655	1386	
	14	4.00	1455	404	2030	564	1960	544	
Twin - 2.4m 	22	6.00	2265	629	3160	878	3050	847	2.7
	27	7.50	2750	764	3840	1067	3705	1029	
	31	8.50	3125	868	4365	1213	4210	1169	
Twin - 3.6m 	19	4.00	1975	411	2755	574	2660	554	4.0
	28	6.00	2880	600	4020	838	3880	808	
	36	7.50	3665	764	5120	1067	4940	1029	
Twin - 4.8m 	41	8.50	4135	861	5775	1203	5570	1160	5.3
	28	4.00	2910	404	4060	564	3915	544	
	42	6.00	4320	600	6035	838	5820	808	
	54	7.50	5500	764	7680	1067	7410	1029	
Corner - 1.8m 	61	8.50	6150	854	8590	1193	8285	1151	2.0
	39	4.00	4050	422	5655	589	5455	568	
	56	6.00	5760	600	8045	838	7760	808	
Corner - 2.4m 	72	7.50	7335	764	10240	1067	9880	1029	2.7
	82	8.50	8270	861	11550	1203	11140	1160	
	21	6.00	2180	606	3045	846	2940	817	
	27	7.50	2775	771	3880	1078	3740	1039	
Square - 1.8m 	32	8.50	3260	906	4550	1264	4390	1219	4.0
	36	10.00	3630	1008	5070	1408	4890	1358	
	28	6.00	2910	606	4060	846	3915	816	
Square - 2.4m 	36	7.50	3705	772	5170	1077	4990	1040	5.3
	41	8.50	4175	870	5830	1215	5625	1172	
	48	10.00	4840	1008	6760	1408	6520	1358	
	29	4.00	3010	418	4205	584	4055	563	
Rectangle - 2.4 x 1.2m 	42	6.00	4320	600	6035	838	5820	808	4.0
	54	7.50	5500	764	7680	1067	7410	1029	
	61	8.50	6150	854	8590	1193	8285	1151	

NOTE: Remote gear box weight - 2.3kg



FLEXLINE - What's in the Box?

Flexline luminaires are supplied as a kit of parts with everything you need to install the luminaire.

EXAMPLE Single - 1.8m	EXAMPLE Corner - 1.8m	EXAMPLE Square - 1.8m
<ul style="list-style-type: none"> 1x 1800mm straight with input power cable 1x Remote gear box 1x Installation kit <ul style="list-style-type: none"> 1x Joining spring 3x T-bar connection springs 1x Adhesive pad 	<ul style="list-style-type: none"> 1x 1800mm corner with input power cable 1x 1600mm straight 1x Remote gear box 1x Installation kit <ul style="list-style-type: none"> 1x Joining spring 7x T-bar connection springs 1x Adhesive pad 	<ul style="list-style-type: none"> 1x 1600mm corner with input power cable 3x 1600mm corner 1x Remote gear box 1x Installation kit <ul style="list-style-type: none"> 16x T-bar connection springs 1x Adhesive pad