

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 (OPTIONAL)	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)

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

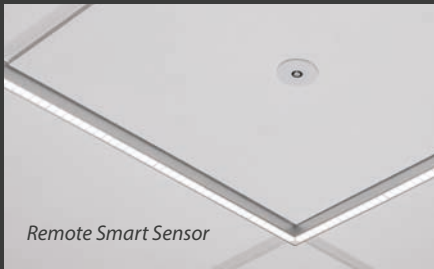
REFLECTOR

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

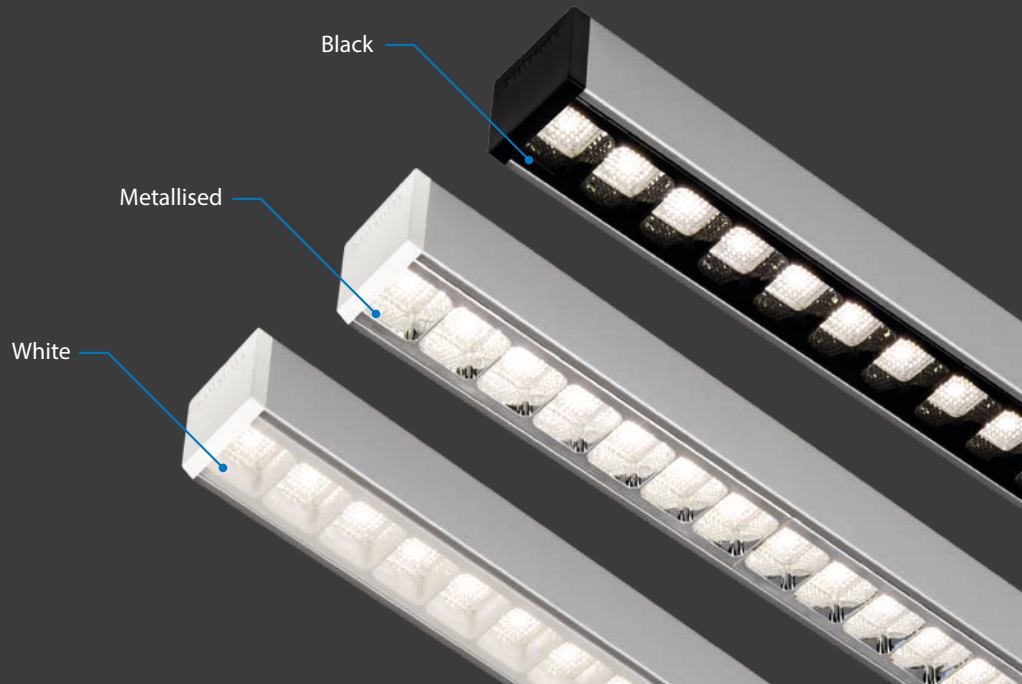


EXTREMELY NARROW PROFILE LINEAR LUMINAIRES

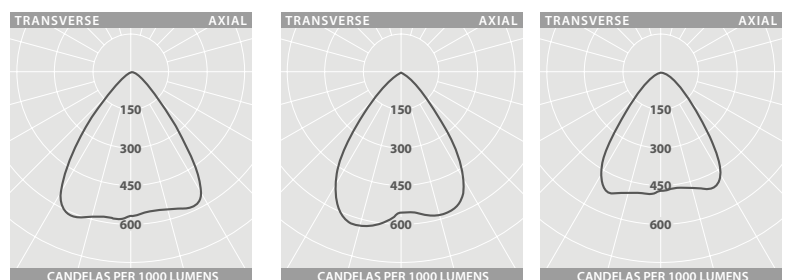


SPECIFICATION

- 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



PHOTOMETRIC GUIDE



BLACK

For lumen outputs see page 3

METALLISED

WHITE

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**

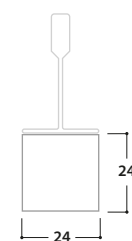
For LED characteristics explanation see www.thorlux.com/led-guide

SmartScan Configurations

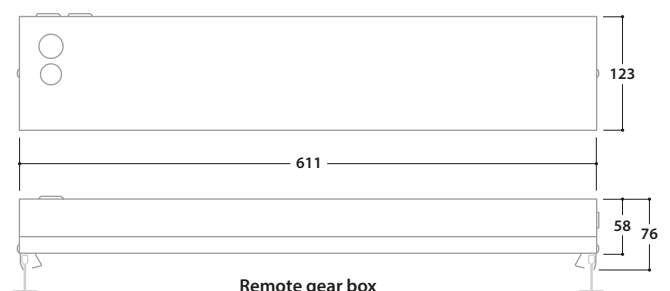


Find out more at www.thorlux.com/smartsan

DIMENSIONS

















Flexline



Remote gear box

FLEXLINE

TECHNICAL DATA

	LED WATTAGE		BLACK		METALLISED		WHITE		APPROX. kg
	PER KIT	PER METRE	LIGHT OUTPUT		LUMENS		LUMENS		
			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 	21	6.00	2180	606	3045	846	2940	817	2.0
	27	7.50	2775	771	3880	1078	3740	1039	
	32	8.50	3260	906	4550	1264	4390	1219	
Single - 4.8m 	28	6.00	2910	606	4060	846	3915	816	2.7
	36	7.50	3705	772	5170	1077	4990	1040	
	42	8.50	4275	891	5975	1245	5760	1200	
Twin - 1.8m 	14	4.00	1455	404	2030	564	1960	544	2.0
	22	6.00	2265	629	3160	878	3050	847	
	27	7.50	2750	764	3840	1067	3705	1029	
Twin - 2.4m 	19	4.00	1975	411	2755	574	2660	554	2.7
	28	6.00	2880	600	4020	838	3880	808	
	36	7.50	3665	764	5120	1067	4940	1029	
Twin - 3.6m 	28	4.00	2910	404	4060	564	3915	544	4.0
	42	6.00	4320	600	6035	838	5820	808	
	54	7.50	5500	764	7680	1067	7410	1029	
Twin - 4.8m 	39	4.00	4050	422	5655	589	5455	568	5.3
	56	6.00	5760	600	8045	838	7760	808	
	72	7.50	7335	764	10240	1067	9880	1029	
Corner - 1.8m 	21	6.00	2180	606	3045	846	2940	817	2.0
	27	7.50	2775	771	3880	1078	3740	1039	
	32	8.50	3260	906	4550	1264	4390	1219	
Corner - 2.4m 	28	6.00	2910	606	4060	846	3915	816	2.7
	36	7.50	3705	772	5170	1077	4990	1040	
	41	8.50	4175	870	5830	1215	5625	1172	
Square - 1.8m 	48	10.00	4840	1008	6760	1408	6520	1358	4.0
	29	4.00	3010	418	4205	584	4055	563	
	42	6.00	4320	600	6035	838	5820	808	
Square - 2.4m 	54	7.50	5500	764	7680	1067	7410	1029	5.3
	61	8.50	6150	854	8590	1193	8285	1151	
	39	4.00	4050	422	5655	589	5455	568	
Rectangle - 2.4 x 1.2m 	56	6.00	5760	600	8045	838	7760	808	4.0
	72	7.50	7335	764	10240	1067	9880	1029	
	82	8.50	8270	861	11550	1203	11140	1160	
	29	4.00	3010	418	4205	584	4055	563	5.3
	42	6.00	4320	600	6035	838	5820	808	
	54	7.50	5500	764	7680	1067	7410	1029	
Rectangle - 2.4 x 1.2m 	61	8.50	6150	854	8590	1193	8285	1151	4.0

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	EXAMPLE	EXAMPLE
<h3>Single - 1.8m</h3> <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 	<h3>Corner - 1.8m</h3> <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 	<h3>Square - 1.8m</h3> <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