

FLEXBLOX

BE CREATIVE.





INTRODUCING

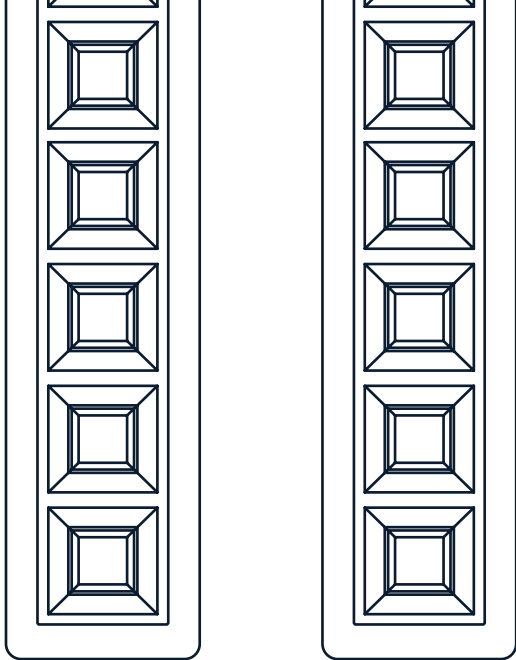
FLEXBLOX

Flexblox is a slimline, linear downlight with low glare optics that can enliven simple grid layouts. By orientating Flexblox luminaires, creative and innovative lighting designs can be created. Flexblox can be recessed into different ceiling types to produce a minimal aesthetic for a variety of applications. With a choice of three optical reflectors, Flexblox can suit the glare requirements of the space.

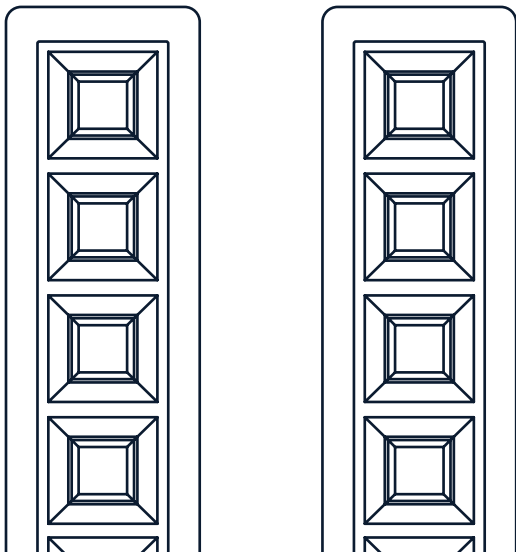
Flexblox MultiDrive can save on installation costs whilst increasing flexibility by powering multiple luminaires from one gear box and allowing the wattage to be set on-site via the integrated wattage selector.







BE INSPIRED.



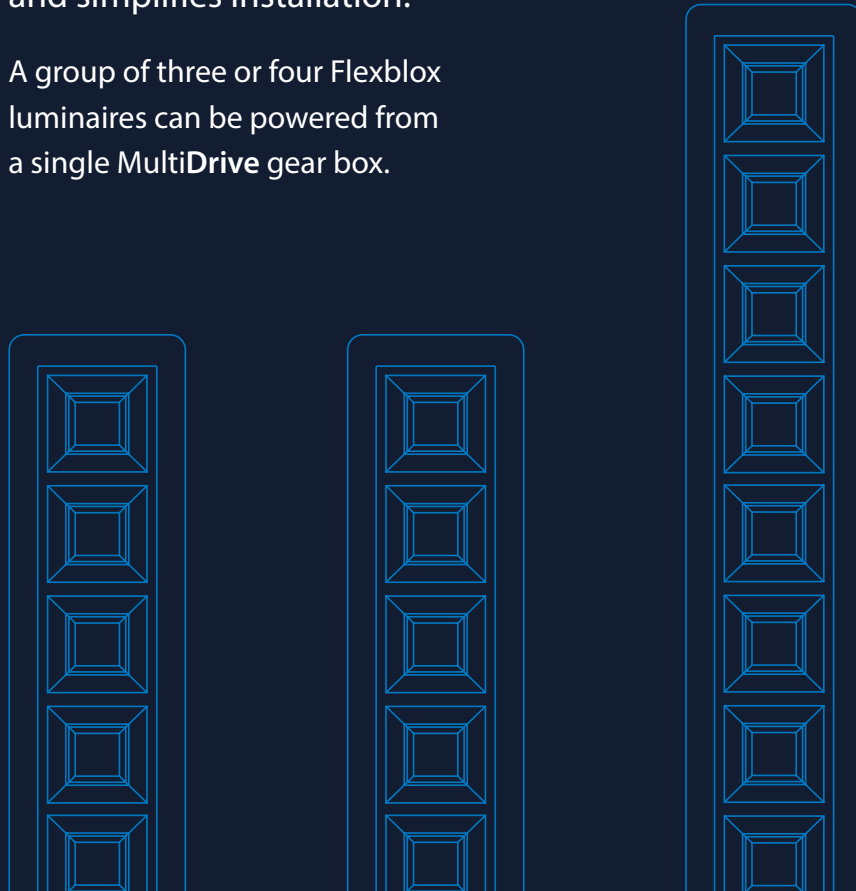


BE ENLIGHTENED.

What is MultiDrive?

MultiDrive technology is an innovation that speeds up and simplifies installation.

A group of three or four Flexblox luminaires can be powered from a single MultiDrive gear box.



The features of MultiDrive.



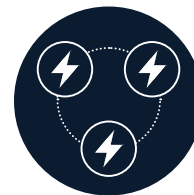
Multiple luminaires

One gear box to run three or four Flexblox MultiDrive luminaires, requiring fewer power feeds.



Lead and plug connectors

MultiDrive versions are supplied with 3m lead and plugs, allowing fast and error free connection between the luminaires and MultiDrive gear box.

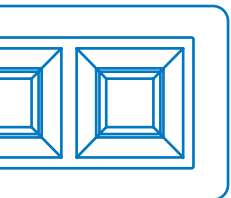
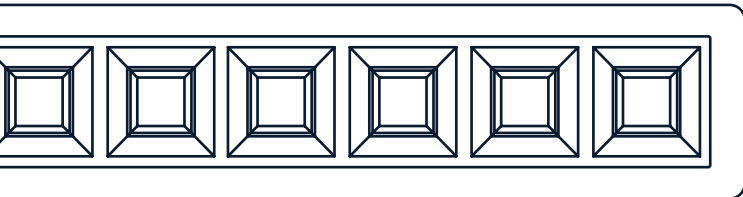


Multiple wattages

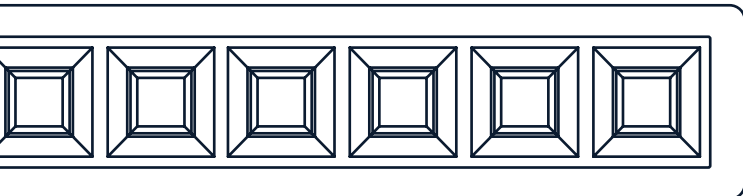
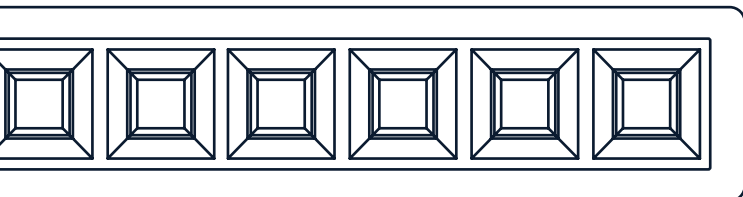
A wattage selector is included on MultiDrive versions for ease of specification and adaptability on site.





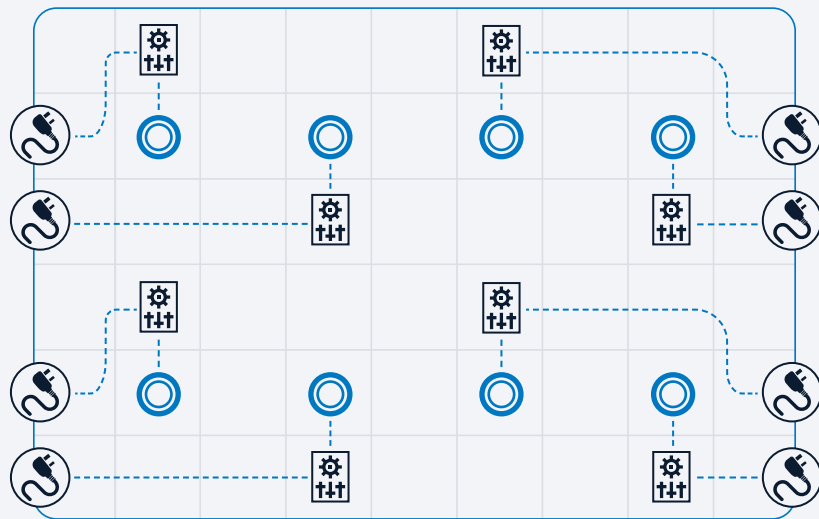


BE DIFFERENT.



Conventional installation.

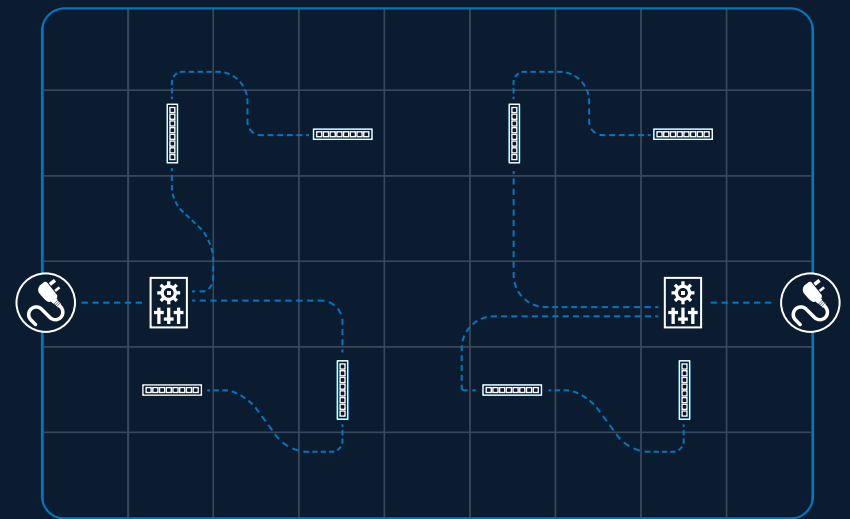
Conventional downlight luminaires are arranged on standard grid spacings. Each have dedicated control gear with their own power connection.



<p>8</p> <p>Conventional downlight luminaires</p> 	<p>8</p> <p>Sets of control gear</p> 	<p>8</p> <p>Power connections</p> 
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Flexblox with MultiDrive.

Flexblox MultiDrive reduces the quantity of power connections by feeding multiple luminaires from fewer control gear. This reduces luminaire costs, installation time and ongoing maintenance, whilst providing the opportunity to create a more unique layout.



<p>8</p> <p>Flexblox luminaires</p> 	<p>2</p> <p>Sets of control gear</p> 	<p>2</p> <p>Power connections</p> 
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BE EFFICIENT.

Installation made simple.

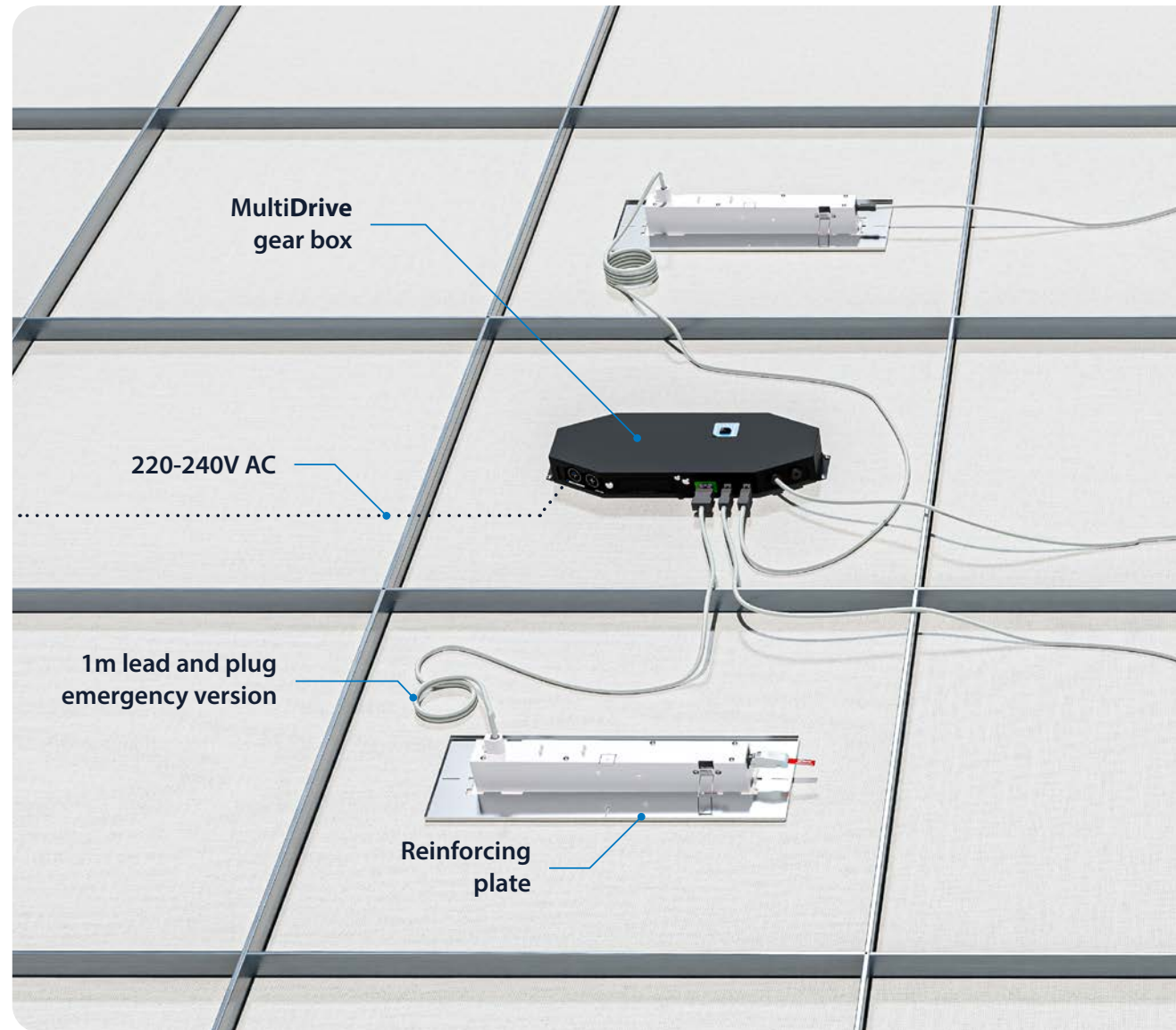
Flexblox MultiDrive versions are supplied with 3m pre-wired leads and plugs to speed up and simplify installation.

Luminaires connect into the MultiDrive gear box positioned above the ceiling. Flexblox luminaires and SmartScan sensors (where used) have dedicated ports providing fast and error-free connections.



MultiDrive emergency luminaire connector

MultiDrive luminaire connectors

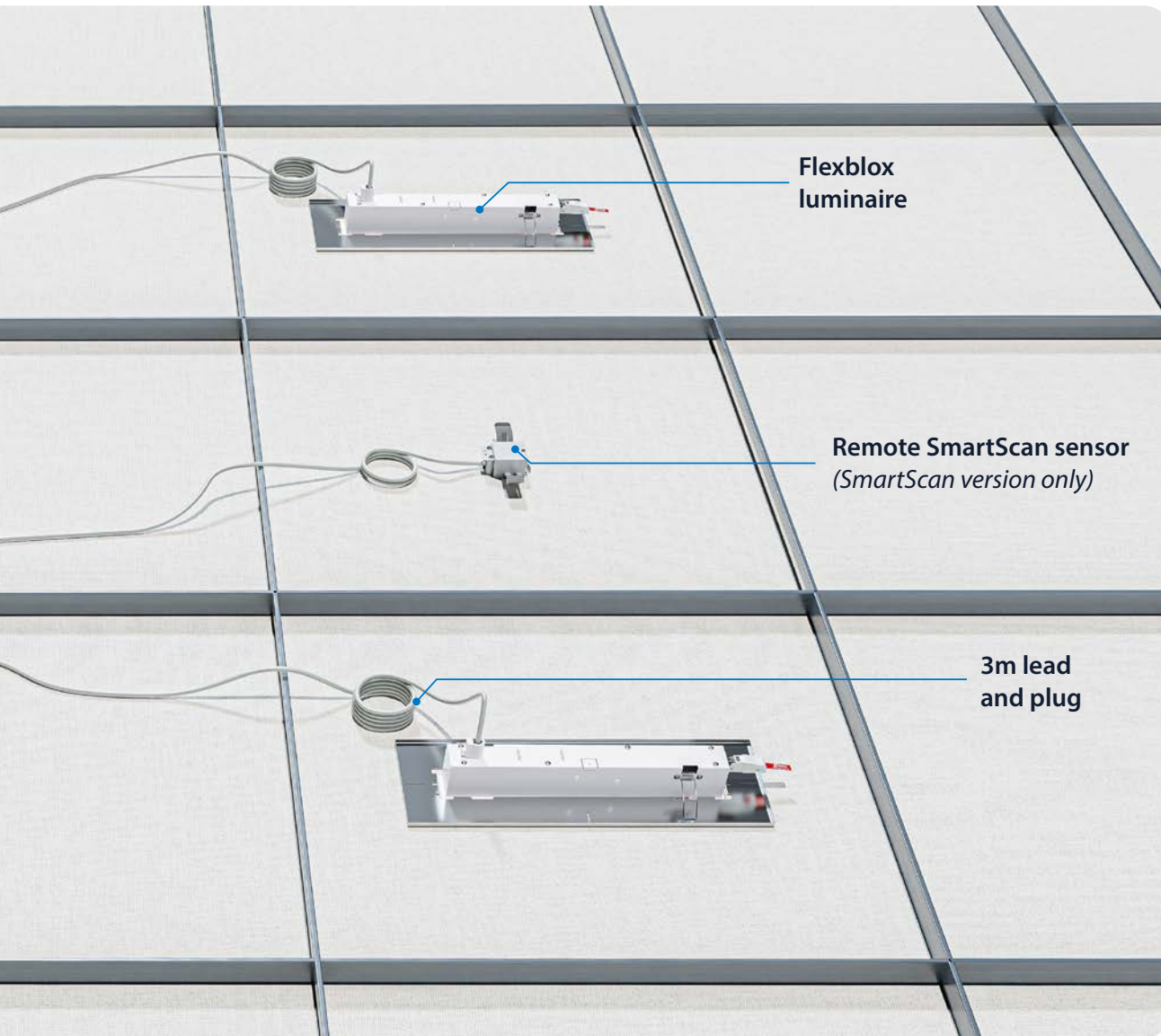


MultiDrive gear box

220-240V AC

1m lead and plug emergency version

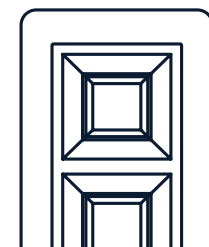
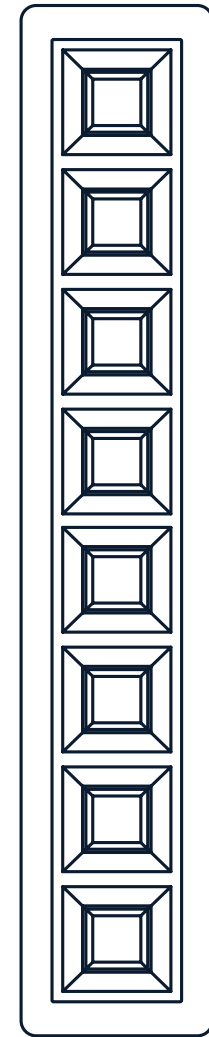
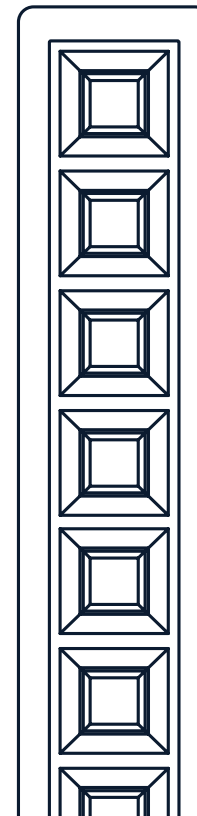
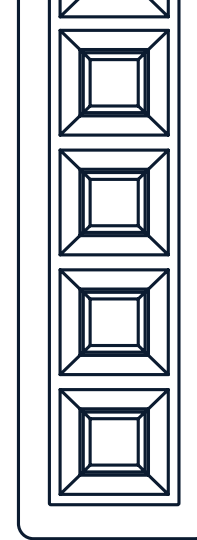
Reinforcing plate



Flexblox
luminaire

Remote SmartScan sensor
(SmartScan version only)

3m lead
and plug



BE IN POWER.

The power is in your hands.

The wattage of Flexblox MultiDrive luminaires can be adjusted on-site using the wattage selector mounted on the remote gear box.

The wattage selector can be set to one of four pre-determined wattages, providing a range of light outputs.



Benefits.

- Simple ordering: just one part number for all wattages.
- Easier on-site management: one luminaire for all locations.
- Flexibility to change the desired light level through life: advantageous if the use of space changes.

BE IN CONTROL.

Take control of glare.

Flexblox is available with a choice of three reflectors, allowing the brightness of the luminaire to suit the needs of the user or application.

WHITE REFLECTOR

High performance white reflector provides the highest efficacy and is ideal for general purpose applications where luminaire brightness is desired.



METALLISED REFLECTOR

Low glare optics with metallised reflector for high performance. Ideal for applications such as offices, meeting rooms or any area where glare is a concern.



BLACK REFLECTOR

Ultra-low glare optic with black reflector provides the ultimate control of light. Ideal for applications where luminaire brightness is undesirable or mood/ambience is important.



BE CREATIVE.

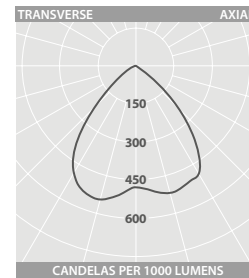
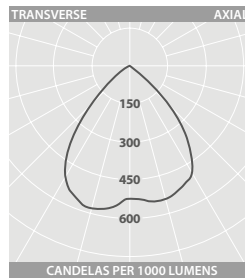
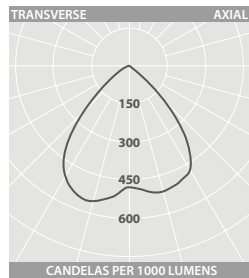




FLEXBLOX



PHOTOMETRIC GUIDE



WHITE REFLECTOR

Flexblox Individual
Luminaire Lumen Output:
08W = 1235 lm
16W = 2515 lm

Flexblox MultiDrive
Luminaire Lumen Output:
08W = 1235 lm
12W = 1790 lm
14W = 2065 lm
16W = 2515 lm

METALLISED REFLECTOR

Flexblox Individual
Luminaire Lumen Output:
08W = 1235 lm
16W = 2495 lm

Flexblox MultiDrive
Luminaire Lumen Output:
08W = 1235 lm
12W = 1785 lm
14W = 2060 lm
16W = 2495 lm

BLACK REFLECTOR

Flexblox Individual
Luminaire Lumen Output:
08W = 1100 lm
16W = 2230 lm

Flexblox MultiDrive
Luminaire Lumen Output:
08W = 1100 lm
12W = 1590 lm
14W = 1835 lm
16W = 2230 lm

ACCESSORIES

DESCRIPTION

3m extension lead ●

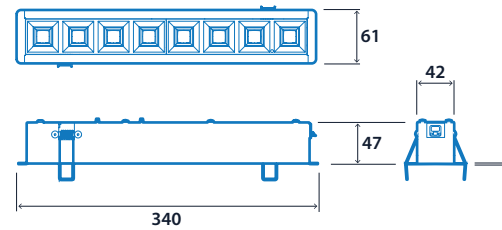
- MultiDrive versions only. Maximum of two leads per gear box. Not to be used with emergency luminaires.

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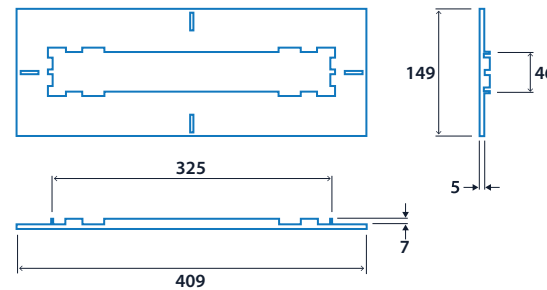
DIMENSIONS

Flexblox

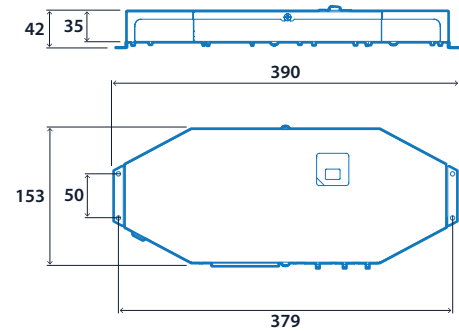


Cut out: 49mm x 326mm
Void depth: ≥260mm

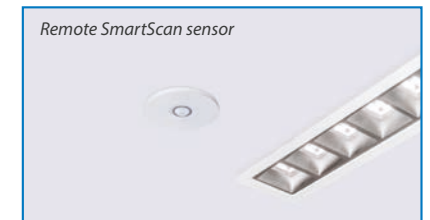
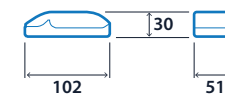
Reinforcing Plate



Emergency/MultiDrive Remote Gear Box



Standard Remote Driver



LOW GLARE RECESSED LINEAR DOWNLIGHT LUMINAIRES



SPECIFICATION

- Steel body finished full polyester powder coat
- White (RAL9016) or black (RAL9005) finishes available
- Supplied with reinforcing plate including cut aperture template
- Optical system combining a reflector and optical lens for each LED
- Black 'invisible' light source, metallised low glare and white reflector options
- Fitted with 4000K LEDs

MultiDrive versions

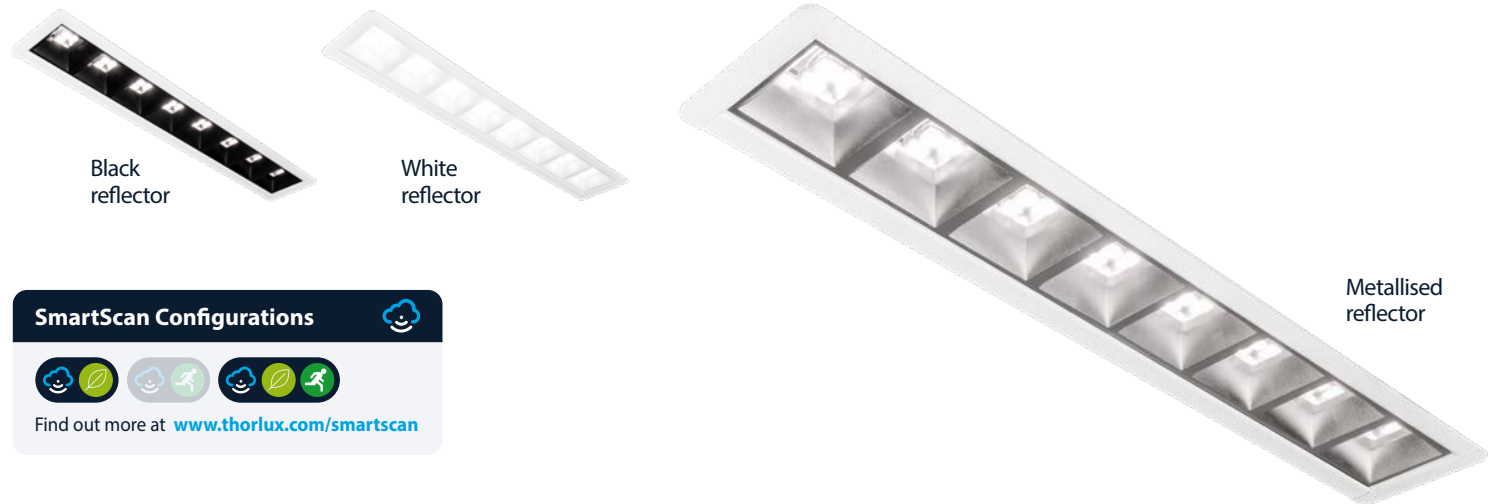
- Remote gear box powers up to 4 luminaires
- Rapid installation using 3m lead and plugs (emergency version use a 1m lead)
- Wattage selectable during installation, see photometric guide for options and lumen outputs

LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>81%
REPLACEABLE	YES
POWER FACTOR	>0.90

LL/CW **139.7**

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



SmartScan Configurations



Find out more at www.thorlux.com/smartsan

CONFIGURATOR

EMERGENCY TYPE ♦	PRODUCT CODE	WATTAGE	LUMINAIRE QUANTITY	OPTIC	CONTROL TYPE
Single Kit					
W SmartScan *	FX Flexblox	08 8W	1 1 Luminaire	W White	S SmartScan
D DALI/Self-Test **		16 16W		M Metallised	A Dimming (DALI)
E Emergency **				B Black	L Non-dimming
MultiDrive Kits					
W SmartScan *	FX Flexblox	WS Wattage Selector (8/12/14/16W)	3 3 Luminaires	W White	S SmartScan
D DALI/Self-Test **			4 4 Luminaires	M Metallised	A Dimming (DALI)
E Emergency **				B Black	L Non-dimming
E.g. WFX081WS					
W SmartScan	FX Flexblox	08 8W	1 1 Luminaire	W White	S SmartScan

- ♦ Optional, leave blank if emergency is not required
- * Only available with **S** Control Type
- ** Not available with **S** Control Type

Note: White body as standard. For black body versions, suffix catalogue number with B6.

WEIGHTS

WATTAGE	APPROX. kg
Single Kit - Standard	0.7
MultiDrive - Three Luminaires - Standard	3.0
MultiDrive - Four Luminaires - Standard	3.7

SINGLE KIT

EMERGENCY Add 1.0kg to weight listed.

SMARTSCAN Add 1.0kg to weight listed.

SMARTSCAN EMERGENCY Add 1.3ka to weight listed.

MULTIDRIVE

EMERGENCY Add 0.2kg to weight listed.

SMARTSCAN Add 0.2kg to weight listed.

SMARTSCAN EMERGENCY Add 0.4ka to weight listed.

BE A PART OF THE



Flex Family

The Flex family is a range of luminaires providing high quality, low glare lighting in a range of form factors, allowing the lighting designer to create attractive and inspirational spaces.

For further information on Flex family products, please contact your local lighting sales engineer or visit www.thorlux.com/products



Flexview



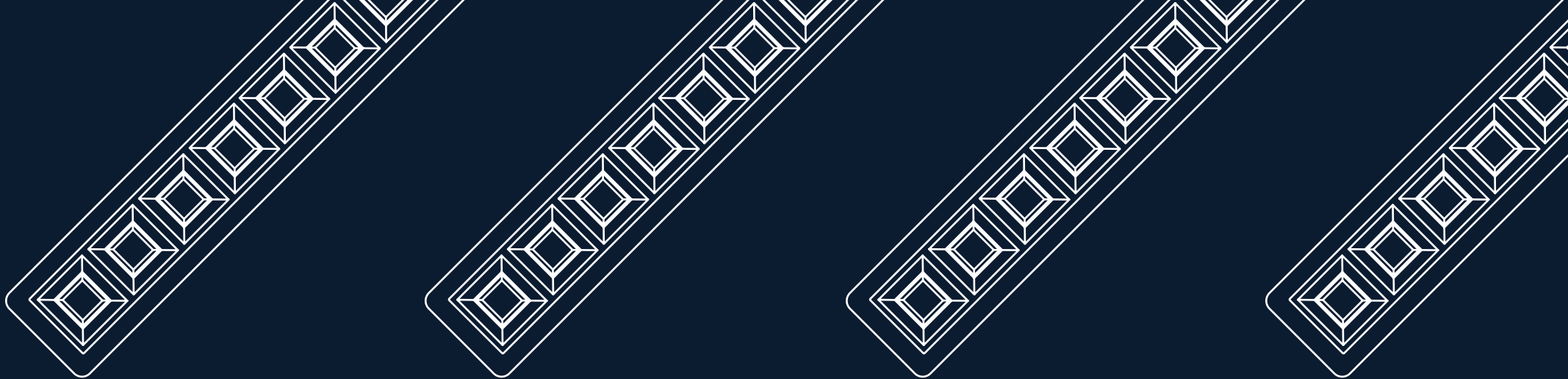
Flexview is a recessed lay-in luminaire with a dual light engine. Flexview combines a low-power, edge-lit picture window with separate sophisticated and highly efficient low glare optics for main space illumination.



Flexline



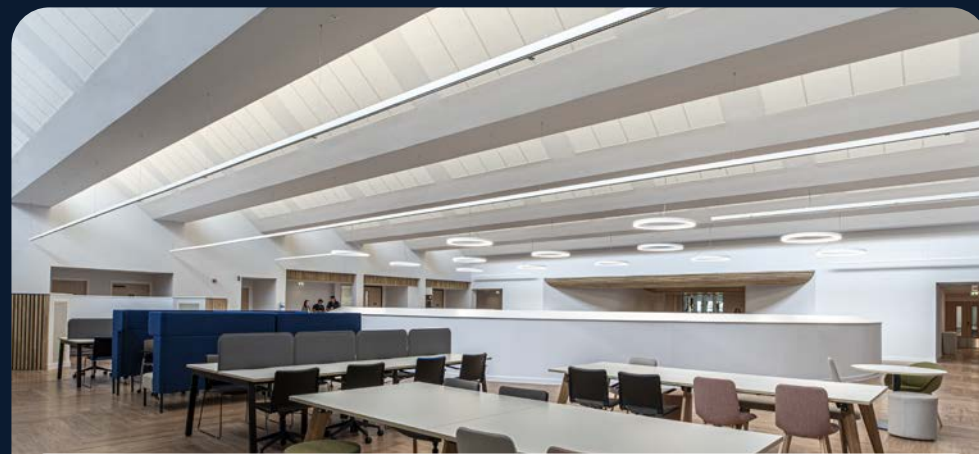
Flexline is a super narrow profile luminaire specifically for mounting to exposed T-bar ceilings. It is available in different lengths and shapes to create interesting lighting arrangements, offering a radically different solution to conventional 600x600 luminaires.



≡ Flexbeam



Flexbeam is a suspended, narrow profile acoustic luminaire which can be installed alongside Flexbeam plain baffles to create a combined acoustic and low glare lighting solution.



||| Flexbar



Flexbar is a slim, low glare linear luminaire that can be individually or continuously surface mounted, suspended or recessed. Available with or without uplight, in white or black finish, available in three sizes and with the choice of three reflectors.



Designers, manufacturers and suppliers
of professional lighting systems

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COMMERCIAL LUMINAIRES
FLOODLIGHTING LUMINAIRES
ARCHITECTURAL LUMINAIRES
HEALTHCARE LUMINAIRES
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CONTROLS AND SYSTEMS

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