

# BLOX

Featuring **MultiDrive** Technology





Introducing

# BLOX

A linear recessed downlight luminaire. At 400mm long and just 80mm wide, Blox can be recessed into a variety of different ceiling types. The short linear length allows designers to be creative producing fun and imaginative layouts.





# Build Creative Lighting Layouts

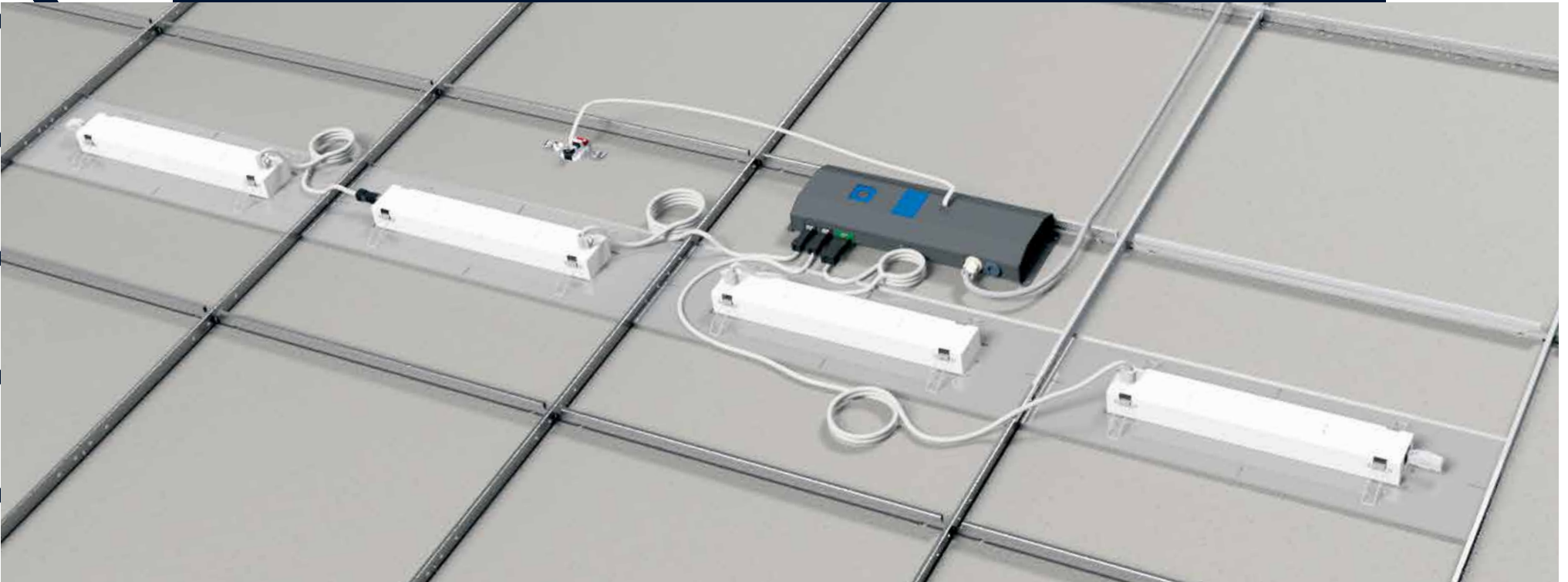
with  
**BLOX**





# What is MultiDrive Technology?

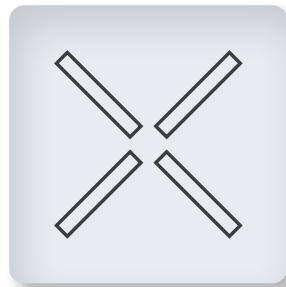
MultiDrive technology is an innovation that speeds up and simplifies installation. Three or four Blox luminaires are connected to the MultiDrive gear box in the configuration that best suits the installation.



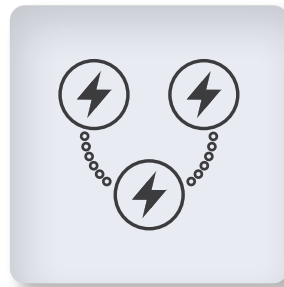
MultiWattage **MultiOutput** MultiDrive

# See the benefits of MultiDrive Technology

Multiple  
Luminaires



Selectable  
Wattages



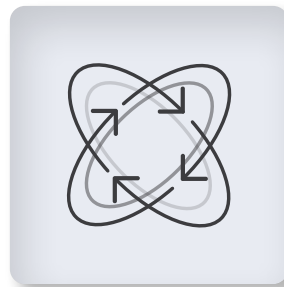
One  
Gear Box



Reduce  
Costs



Increase  
Flexibility



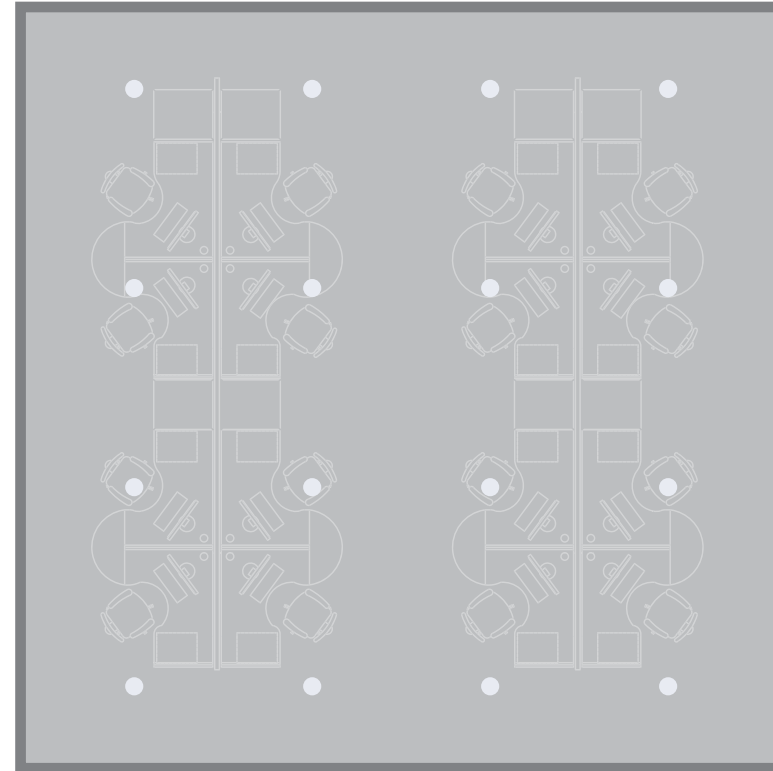
Emergency  
Option



**A glimpse  
at how  
Blox with  
MultiDrive  
Technology  
can help  
reduce costs..**

**Conventional fittings**

Conventional luminaires each have a set of control gear. This adds cost to the luminaire as well as increasing installation costs as each fitting requires a power connection.



**16**

Luminaires

**16**

Sets of  
control gear

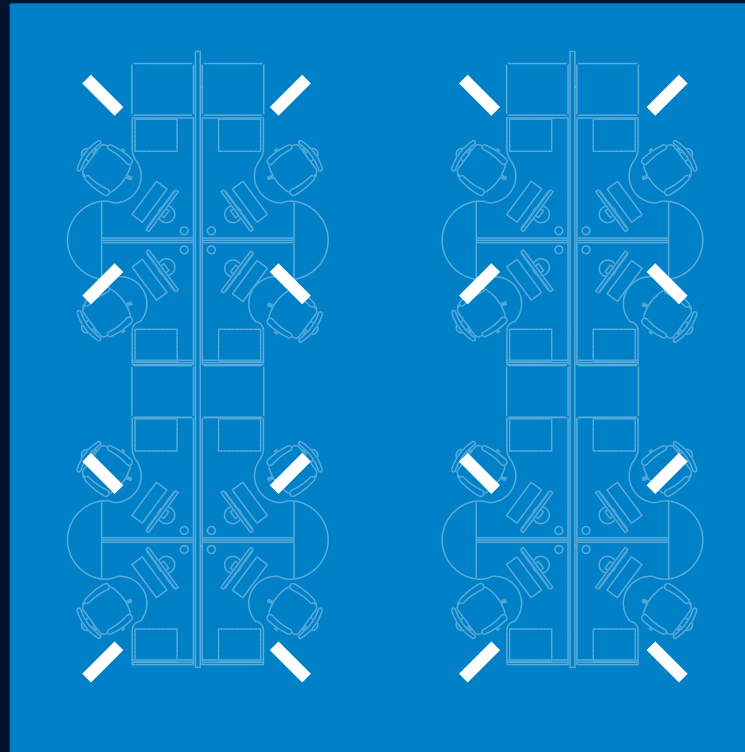
**16**

Power  
connections



## Blox with MultiDrive Technology

Blox with MultiDrive technology reduces the number of control gear sets which not only reduces the cost of the luminaires, but also reduces the installation costs.



16

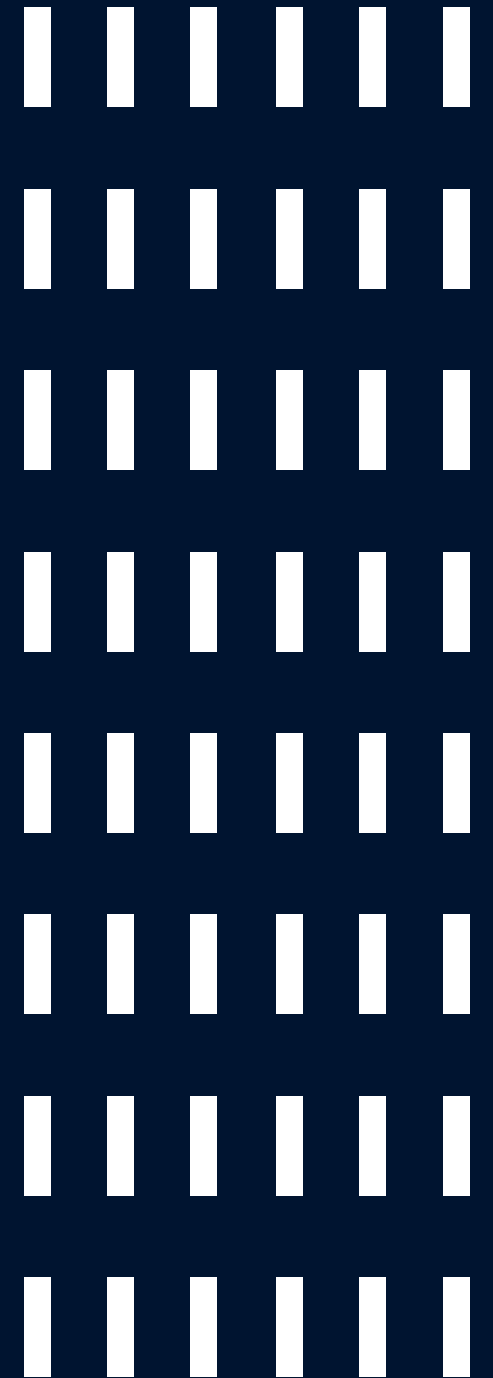
Luminaires

4

Sets of  
control gear

4

Power  
connections



# Installation Made Simple

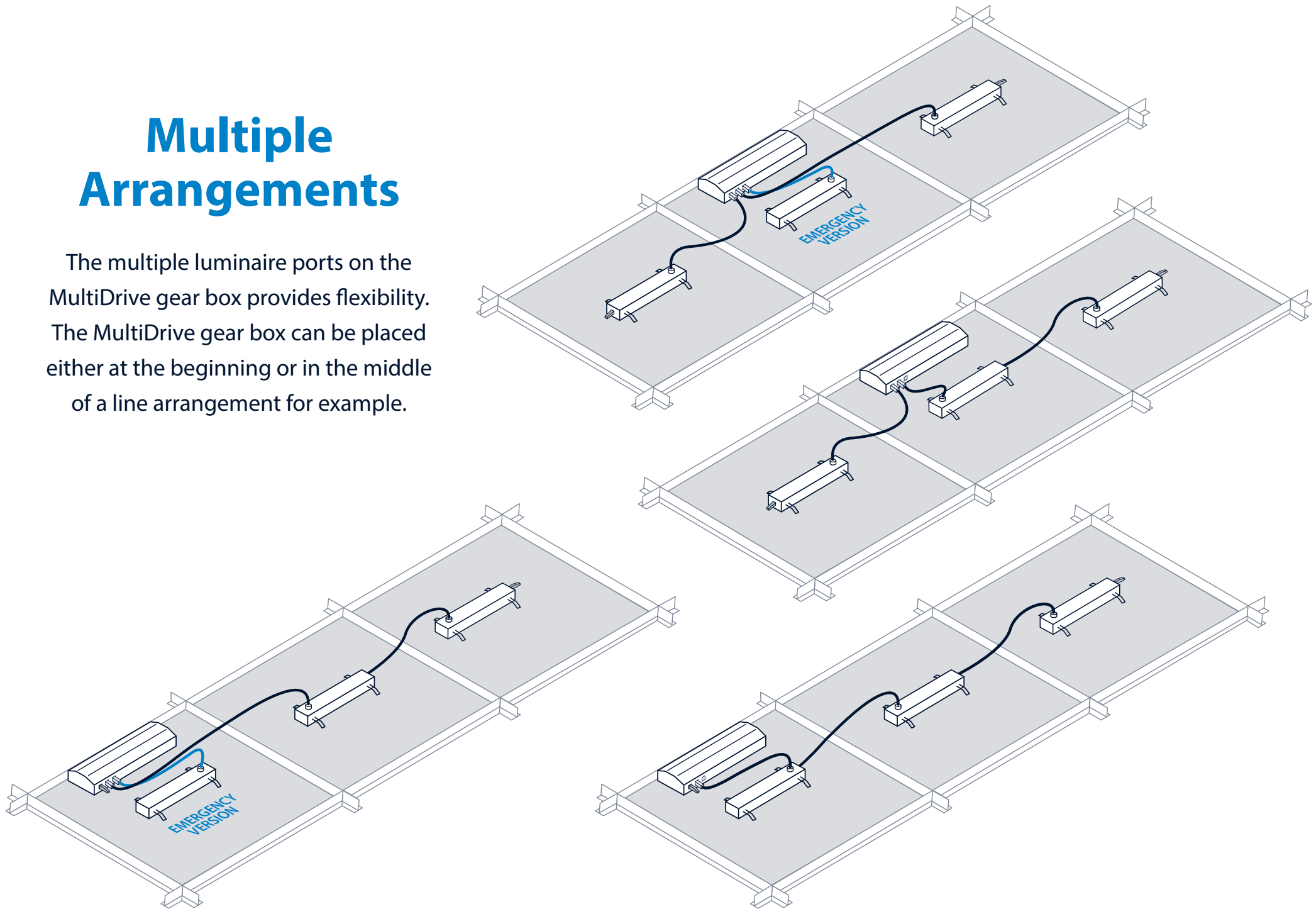
MultiDrive versions are supplied with 3m plug and play leads allowing fast and error free connection between the luminaires and MultiDrive gear box.

Emergency versions have a dedicated emergency luminaire port with a different plug configuration, so luminaires cannot be incorrectly connected.



# Multiple Arrangements

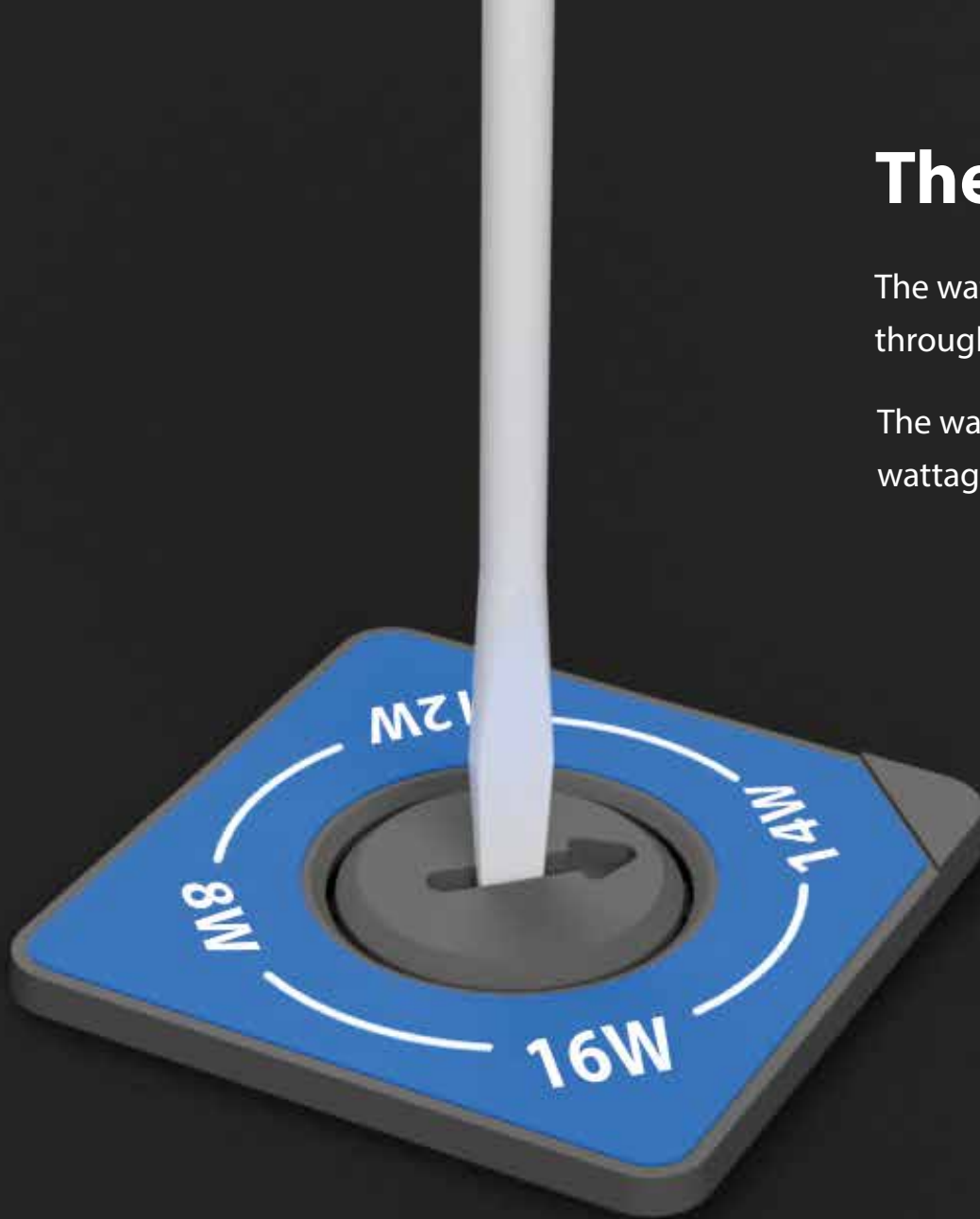
The multiple luminaire ports on the MultiDrive gear box provides flexibility. The MultiDrive gear box can be placed either at the beginning or in the middle of a line arrangement for example.



# The Power is in Your Hands

The wattage of the MultiDrive luminaires can be adjusted on-site through 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.



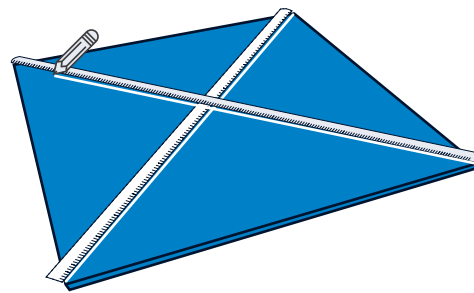
- Simple ordering, just one part number for all wattages.
- Easier on site management during installation, no organising which wattage luminaire goes where.
- Flexibility to change the desired light level through life, advantageous if the use of space changes.

# Combining Strength and Precision

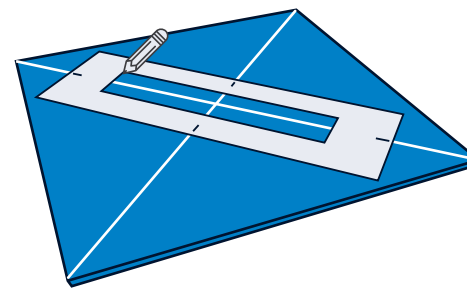
Each luminaire is supplied with a reinforcing board which also doubles up as a cut aperture template. Indicators on the template provide easy alignment for fast and accurate installation.

## Ceiling Tile Installation Example

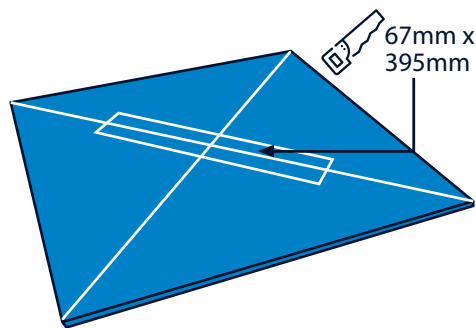
1. Draw guide lines.



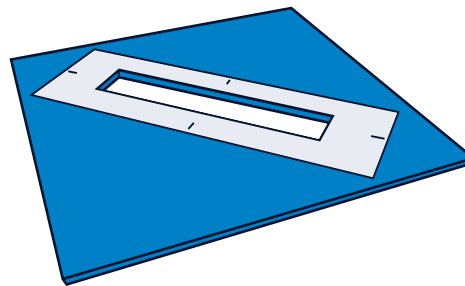
2. Use the reinforcing board as a template.



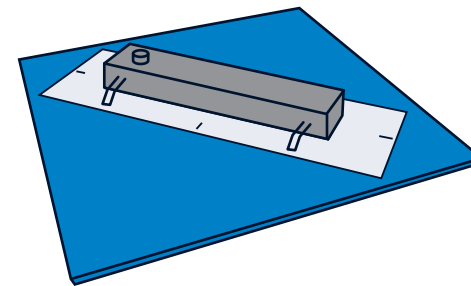
3. Cut the tile.



4. Place the tile reinforcing board onto the tile.



5. Push the Blox through the aperture, making sure the spring loaded arms are secured in place.



# Range



## CONFIGURATOR

EMERGENCY TYPE ◆	PRODUCT CODE	LUMINAIRE QUANTITY	WATTAGE	OPTIC	SIZE	CONTROL TYPE
<b>Single Kit</b>						
<b>W</b> SmartScan *	<b>BX</b> Blox	<b>1</b> 1 Luminaire	<b>08</b> 8W ***	<b>O</b> Opal	<b>04</b> 0.4m	<b>S</b> SmartScan
<b>T</b> AutoTest **			<b>16</b> 16W	<b>L</b> Low Glare		<b>D</b> Smart
<b>E</b> Emergency **						<b>A</b> Dimming (DALI)
						<b>L</b> Non-dimming
<b>MultiDrive Kits</b>						
<b>W</b> SmartScan *	<b>BX</b> Blox	<b>3</b> 3 Luminaires	<b>WS</b> Wattage Selector	<b>O</b> Opal	<b>04</b> 0.4m	<b>S</b> SmartScan
<b>T</b> AutoTest **		<b>4</b> 4 Luminaires	(8/12/14/16W)	<b>L</b> Low Glare		<b>D</b> Smart
<b>E</b> Emergency **						<b>A</b> Dimming (DALI)
						<b>L</b> Non-dimming
<b>E.g. WBX108L04S</b>						
<b>W</b> SmartScan	<b>BX</b> Blox	<b>1</b> 1 Luminaire	<b>08</b> 8W	<b>L</b> Low Glare	<b>04</b> 0.4m	<b>S</b> SmartScan

◆ Optional, leave blank if emergency is not required

\* Only available with S Control Type

\*\* Not available with S Control Type

\*\*\* Not available with S or D Control Types

## ACCESSORIES

DESCRIPTION	CAT. NO.
3m extension lead ●	<b>BX 19758</b>
● MultiDrive versions only. Maximum of two leads per gear box. Not to be used with emergency luminaires.	





## LINEAR RECESSED DOWNLIGHT LUMINAIRES



### SPECIFICATION

- Steel body finished full polyester non-yellowing satin white (RAL 9016)
- Supplied with polycarbonate TP(a) fire-retardant diffuser. Opal or low glare options
- Supplied with reinforcing board including cut aperture template
- SmartScan wireless technology removes the need for control cabling between groups of luminaires
- Emergency and SmartScan emergency versions
- Fitted with 4000K LEDs

### MultiDrive versions

- Remote gear box powering up to four luminaires
- Rapid installation using 3m plug and play connecting leads (emergency versions use a 1m lead)
- Wattage selectable during installation, see photometric guide for options and lumen output

### SmartScan Configurations



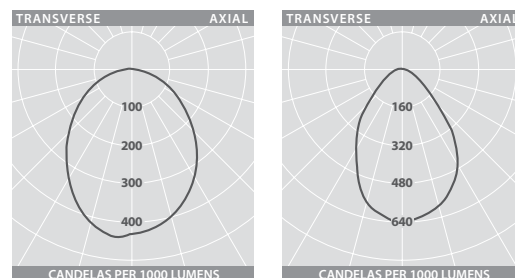
Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

### LED CHARACTERISTICS

CRI	<b>80+</b>
COLOUR TEMPERATURE	<b>4000K</b>
RATED LIFE (HOURS)	<b>100K - L80/B10</b>
PROTECTION	<b>LUX GUARD</b>
DRIVER EFFICIENCY	<b>&gt;85%</b>
REPLACEABLE	<b>YES</b>
POWER FACTOR	<b>&gt;0.90</b>
<b>LL/CW</b>	<b>108.0</b>

For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)

### PHOTOMETRIC GUIDE



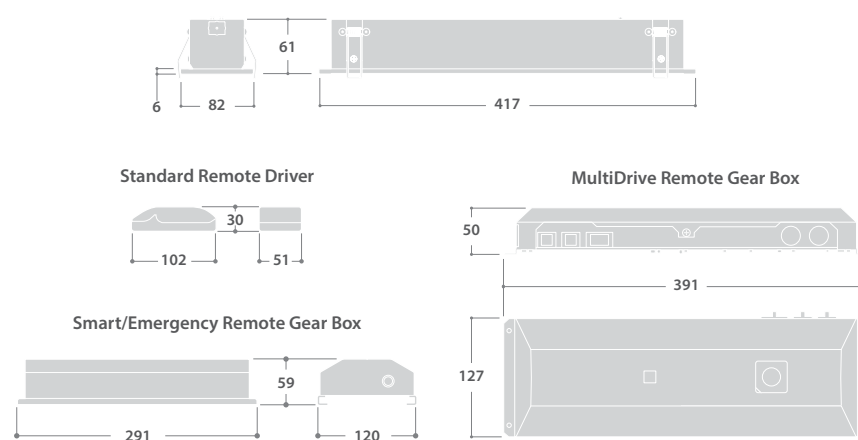
#### OPAL

Luminaire Lumen Output:  
 8W = 1080 lm  
 12W = 1510 lm  
 14W = 1630 lm  
 16W = 1865 lm

#### LOW GLARE

Luminaire Lumen Output:  
 8W = 835 lm  
 12W = 1170 lm  
 14W = 1260 lm  
 16W = 1445 lm

### DIMENSIONS



Designers, manufacturers and suppliers  
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