

# Excel 2/400

The **Excel 2/400** range offers decorative surface mounted circular luminaires incorporating high output white LEDs within an aluminium base (white as standard) and twist on PMMA diffuser. The mains driver and emergency lighting gear is installed in the back of the housing away from internal heat sources. The **Excel 2/400** range offers mains only or maintained emergency lighting with integral Micro-Wave presence detectors for switching the mains operation where required.

The **Excel 2/400** luminaires fully complies with EN60598 and the low energy consumption assists with compliance with Part L Requirements.

## OPERATION

Standard **Excel 2/400** luminaires provide upto 3340 Luminaire Lumens at 24 Watts (up to 103lm/W) in 3 different selectable colour temperatures: 3000K, 3500K and 4000K.

The luminaires are available with standard mains drivers which have an adjustable output using DIP switches or DALI mains drivers and with integral 3-hour duration Maintained emergency gear, with the choice of standard, DALI/Self-Test or Bluetooth Wireless operation.

Mains and emergency versions may be specified with an integral Micro-Wave presence detector to switch the mains lighting. Sensitivity, 'on' time and ambient light levels can be selected during installation.

The emergency lighting versions utilise integral high temperature Lithium Iron Phosphate batteries (LiFePO<sub>4</sub>). Maintained versions can be used for standard switched mains lighting but will automatically provide emergency lighting in the event of a complete loss of normal mains

## DALI/Self-Test or Bluetooth Wireless (BLE) Options:

Excel 2/400 luminaires can be supplied as standard mains/standard emergency; DALI mains/standard emergency; standard mains/ DALI emergency, DALI mains/DALI emergency, standard mains/BLE Emergency or DALI mains/BLE Emergency.

See Order Codes on page 2.



XL2/400/230/WH

## GENERAL DETAILS

Product	Decorative circular luminaire
Light source	White LEDs (upto 3340lm)
Construction	White Aluminium base (standard) with twist-on PMMA diffuser
Geartray	Integral to base
Dimensions	395mm (dia.) x 113mm (H)
Cable entry	20mm hole (centre of back plate)



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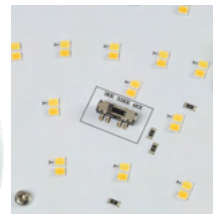
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## SPECIFICATION

	Maintained	Mains only
Light source	Surface mount White LEDs upto 3340lm	
Colour temperature	3000K, 3500K or 4000K	
Luminaire lumens (mains)	upto 2460lm	upto 2460lm
Luminaire lumens (emergency)	upto 343lm	–
IP Rating	IP42	
Ambient temperature (Ta)	0°C - 25°C	
Insulation class	Class II	
Supply voltage	230V~50Hz	
Supply power	24W	24W
Charge power (typical)	1.6W	–
Battery	1 x 6.4V 2.3Ah LiFePO4	
Weight	2.2kg	1.3kg

## Excel 2/400 – Emergency Lighting Spacings

	Mounting height (m)	Fitting to Wall (m)	Fitting to Fitting (m)	
<b>Excel 2/400</b> operating in emergency mode	2.5	4.7	10.6	1 Lux min at centre
	4.0	5.0	12.3	
	2.5	5.7	11.5	0.5 Lux min (open)
	4.0	6.0	12.9	



### ORDER CODES

### Description

<b>XL2/400/M3/WH</b>	400mm dia. 'standard' Mains and 'standard' emergency luminaire
<b>XL2/400/230/WH</b>	400mm dia. 'standard' Mains only luminaire
<b>XL2/400/M3D/WH</b>	400mm dia. 'standard' Mains and 'DALI Self-Test' emergency luminaire
<b>XL2/400/230D/WH</b>	400mm dia. 'DALI' Mains only luminaire
<b>XL2/400/230D/M3/WH</b>	400mm dia. 'DALI' Mains and 'standard' emergency luminaire
<b>XL2/400/230D/M3D/WH</b>	400mm dia. 'DALI' Mains and 'DALI Self-Test' emergency luminaire

### OPTIONS:

<b>/MW</b>	Integral Micro-Wave presence detector
<b>/BLE</b>	Wireless DALI emergency

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