

# 100 Square Downlight LED

whitegoods

Project Title: .....

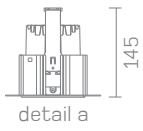
Luminaire Ref: .....



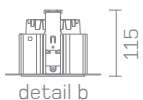
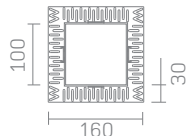
plaster-in



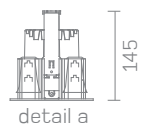
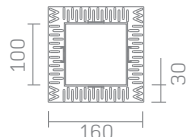
bezel



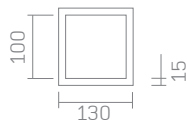
detail a



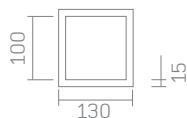
detail b



detail a



detail b



## Specifier Details

## Product Codes & Description (Ordering information)

Frame	LED module	Beam °	Diffuser	Dimming	Voltage	Emergency
<b>P100SDL*</b> plaster-in	<b>XI-830-1420*</b> 80 CRI 18.5W Up to 1420 lm	Xicato <b>24°</b> <b>46°*</b>	<b>FRG*</b> frosted glass	<b>ND</b> non-dim	<b>220-240V</b> standard <b>120 -277V</b> universal	<b>EMND</b> non-dim <b>EMST</b> self-test <b>EMDA</b> DALI
<b>B100SDL*</b> bezel	<b>XI-930-930*</b> 90 CRI 17.8W Up to 930 lm		<b>FRP</b> frosted polycarbonate	<b>0-10V</b> 0-10 Volt dim <b>1-10V</b> 1-10 Volt dim		
<b>P100SDLRD</b> plaster-in reduced depth	<b>CL-830-2000</b> 80 CRI 19.0W Up to 2000 lm  <b>CL-930-1500</b> 97 CRI 17.4W Up to 1500 lm	Citiled <b>23°</b> <b>49°</b> <b>93°*</b>	<b>CLG</b> clear glass	<b>TR</b> trailing edge dim		
<b>B100SDLRD</b> bezel reduced depth			<b>SCG</b> sculpture glass	<b>DALI</b> DALI protocol		
			<b>MPG</b> micro prismatic glass			

\* Items available for Quickship

## Product Description

100mm square recessed luminaire with bezel trim or trimless 'plaster-in' for absolute minimal visual impact. Available with various adjustable diffusers for flush and regressed applications.

## Finish

Standard product finish is white powder coated RAL 9010 with 30% gloss.

## Cut-out

115 x 115 mm



## Example LED module codes

XI-830-1420

XI = Xicato

830 = 80CRI, 3000K colour temperature

1420 = up to 1420 lumen package

XI-927-930

XI = Xicato

927 = 95CRI, 2700K colour temperature

930 = up to 930 lumen package

CL-830-2000

CL = Citiled

830 = 80CRI, 3000K colour temperature

2000 = up to 2000 lumen package

## Examples of typical output options

Module XI-827/830/840

Run @ 700mA = 1420lm, 18.5W

Run @ 500mA = 1070lm, 12.9W

Module XI-927/930/940

Run @ 700mA = 930lm, 17.8W

Run @ 500mA = 700lm, 12.4W

Module CL-827/830/840

Run @ 500mA = 2000lm, 18.3W

Run @ 350mA = 1500lm, 12.4W

## Dimming

- ND: non-dimming
- 0-10V: 0-10 Volt dimming, min 0.1%
- 1-10V: 1-10 Volt dimming, min 0.1%
- TR: trailing edge dimming
- DALI: DALI protocol, min 0.1%

All drivers are suitable for remote mounting up to 10 meters from fixture. Longer distances are available on request. Minimum ceiling depths apply, contact Whitegoods for further details.

## Emergency

EMND: emergency non-dimmable

EMST: emergency self-test

EMDA: emergency DALI protocol

## Notes

- Manufacturing LED module detail shown. Refer to photometry data for LM79-08 results.
- All LED modules available in 2700, 3000, 3500 and 4000 Kelvin.
- Xicato and Citiled modules can be underrun.
- Luminaires rated at 40°C maximum ambient temperature.
- RD (reduced depth) only allows flush diffuser position see detail b.

Please contact Whitegoods for further LED specifications.