

100 Round Downlight LED

whitegoods

Project Title:

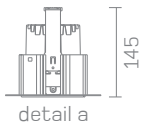
Luminaire Ref:



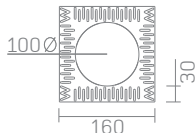
plaster-in



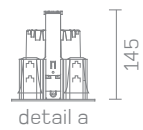
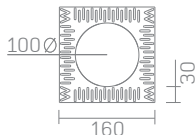
bezel



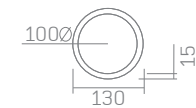
detail a



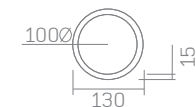
detail b



detail a



detail b



Specifier Details

Product Codes & Description (Ordering information)

| Frame | LED module | Beam ° | Diffuser | Dimming | Voltage | Emergency |
|---|--|--|--|--|--|---|
| P100RDL* plaster-in | XI-830-1420* 80 CRI 18.5W Up to 1420 lm | Xicato 24° 46°* | FRG* frosted glass FRP frosted polycarbonate CLG clear glass SCG sculpture glass MPG micro prismatic glass | ND non-dim 0-10V 0-10 Volt dim 1-10V 1-10 Volt dim TR trailing edge dim DALI DALI protocol | 220-240V standard 120 -277V universal | EMND non-dim EMST self-test EMDA DALI |
| B100RDL* bezel | | | | | | |
| P100RDLRD plaster-in reduced depth | XI-930-930* 90 CRI 17.8W Up to 930 lm | Citiled 23° 49° 93°* | | | | |
| B100RDLRD bezel reduced depth | | | | | | |
| | CL-830-2000 80 CRI 19.0W Up to 2000 lm | | | | | |
| | CL-930-1500 97 CRI 17.4W Up to 1500 lm | | | | | |

* Items available for Quickship

Product Description

100mm round 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

Ø 115 mm



Example LED module code

XI-830-1420

XI = Xicato

830 = 80CRI, 3000K colour temperature
1420 = up to 1420 lumen package

XI-927-930XI = 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.