

REFERENCE: LJ

EZENTIAL231-BL-SF-29W-3000K

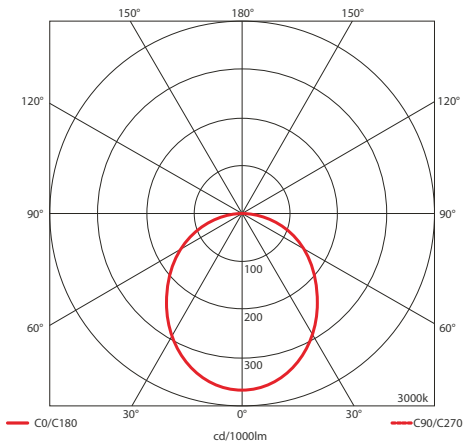
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EZENTIAL231-BL-SF-29W-3000K-EM

## EZENTIAL231 - Surface LED Downlight



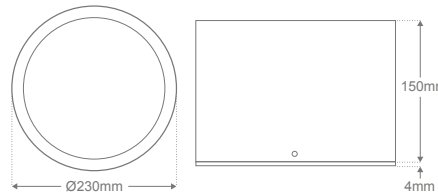
### Polar Report



### Description

Ezential 231 Surface Solid State fixture combines advanced thermal management with a CREE XBD chipset to enable superior performance. Aluminium construction to IP54 with opal diffuser for glare reduction. Colour consistency is adhered to with a 2-Step MacAdams Ellipse binning strategy. Chip Life TM-21 L70 value >60,500 hours. Available in combination with Switched, 1-10V and DALI dimmable Power Supplies.

### Dimensions



### Standards



### Specifications

|                    |                                   |
|--------------------|-----------------------------------|
| Chipset            | CREE XBD Chipset                  |
| Dimming Options    | Switched                          |
| Voltage            | 42V                               |
| Power Consumption  | 29.4W Fixture / 33W Circuit Power |
| Current            | 700mA                             |
| Colour Temperature | 3000K                             |
| Light Output ~     | 2336lm                            |
| lm Per Watt ~      | 75lm/W                            |
| CRI                | >80                               |
| Beam Angle         | 115°                              |
| Binning            | 2 Step MacAdams Ellipse           |
| Chip Life TM-21    | L70 > 60,500 hours                |
| IP Rating          | 54                                |
| Weight             | 932g                              |
| Finish             | Black Bezel - Aluminium Housing   |

### Colourmetrics

| 3000K |     |     |     |     |     |     |    | 4000K |     |     |     |     |     |     |    |
|-------|-----|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|----|
| R1    | R2  | R3  | R4  | R5  | R6  | R7  | R8 | R1    | R2  | R3  | R4  | R5  | R6  | R7  | R8 |
| 81    | 88  | 95  | 83  | 80  | 85  | 87  | 65 | 72    | 78  | 84  | 76  | 71  | 70  | 84  | 60 |
| R9    | R10 | R11 | R12 | R13 | R14 | R15 |    | R9    | R10 | R11 | R12 | R13 | R14 | R15 |    |
| 14    | 72  | 82  | 65  | 82  | 98  | 74  |    | 0     | 48  | 72  | 43  | 72  | 90  | 64  |    |

| 6000K |     |     |     |     |     |     |    |
|-------|-----|-----|-----|-----|-----|-----|----|
| R1    | R2  | R3  | R4  | R5  | R6  | R7  | R8 |
| 66    | 70  | 74  | 70  | 67  | 62  | 77  | 57 |
| R9    | R10 | R11 | R12 | R13 | R14 | R15 |    |
| 0     | 30  | 69  | 38  | 66  | 88  | 58  |    |