



## Avalon

### **Avalon Modular LED retail downlight, 15W, 15°, 5000K**

The Kosnic LED Retail Downlight range offers energy efficient LED lighting with a wide variety of housing options to provide different lighting effects in a wide variety of situations. Choose the LED module based on the output, beam angle and colour temperature, then choose a housing option from the wide range of fixed and adjustable downlighters. The LED module and housing clip together and are easy to fit in shops, hotels, galleries, showrooms and similar premises where a high quality, highly efficient lighting solution is required.

**KRDL1002M15-B50 ()**

## Specification

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Voltage                              | 220-240Vac 50-60Hz                   |
| Current (mA)                         | 119                                  |
| Rated Power (W)                      | 15                                   |
| CCT Words                            | Day Light                            |
| CCT (K)                              | 5000                                 |
| Total Luminous Flux (lm)             | 1450                                 |
| Beam Angle(°)                        | 15                                   |
| Nominal Lifetime (h)                 | 40000                                |
| SDCM of CCT                          | <6                                   |
| Power Factor                         | 0.55                                 |
| Ambient Temperature Range (°C)       | -20 to 50                            |
| Protection Rating                    | Class III Luminaire, Class II Driver |
| IP Rating                            | IP20 driver                          |
| Driver Part Number                   | Tridonic LC 15/350/43 fixC SR SNC2   |
| Driver Input Voltage                 | 220-240 Vac 50-60 Hz                 |
| Driver Maximum Input Current (mA)    | 145                                  |
| Driver Maximum Power (W)             | 15                                   |
| Driver Output Voltage (Vdc)          | 30-43                                |
| Driver Output Current (mA)           | 350                                  |
| Driver Dimensions (L x W x D) (mm)   | 100 x 43 x 22.5                      |
| Driver Power Factor                  | 0.55                                 |
| Driver Ripple Current (%)            | ±5%                                  |
| Driver Maximum Case Temperature (°C) | 80                                   |

## Light Source Specification

|                                            |                  |
|--------------------------------------------|------------------|
| Light Source Cap Type (or other interface) | Driver terminals |
| Dimmable (Y/N/Specific dimmer)             | No               |
| CCT                                        | 5000K            |
| CRI                                        | >80              |

Lumen Maintenance Factor (x.xx)

0.75

## Technical Drawings

