

**BINAY**  
**Model 'DLF' LED-based Surface Mount Downlighter**

***BINAY's Model 'DLF' PowerLED Downlighter is a long-life and power-saving eco-friendly luminaire, ideal for locations and applications requiring continuous 24x7 operation***

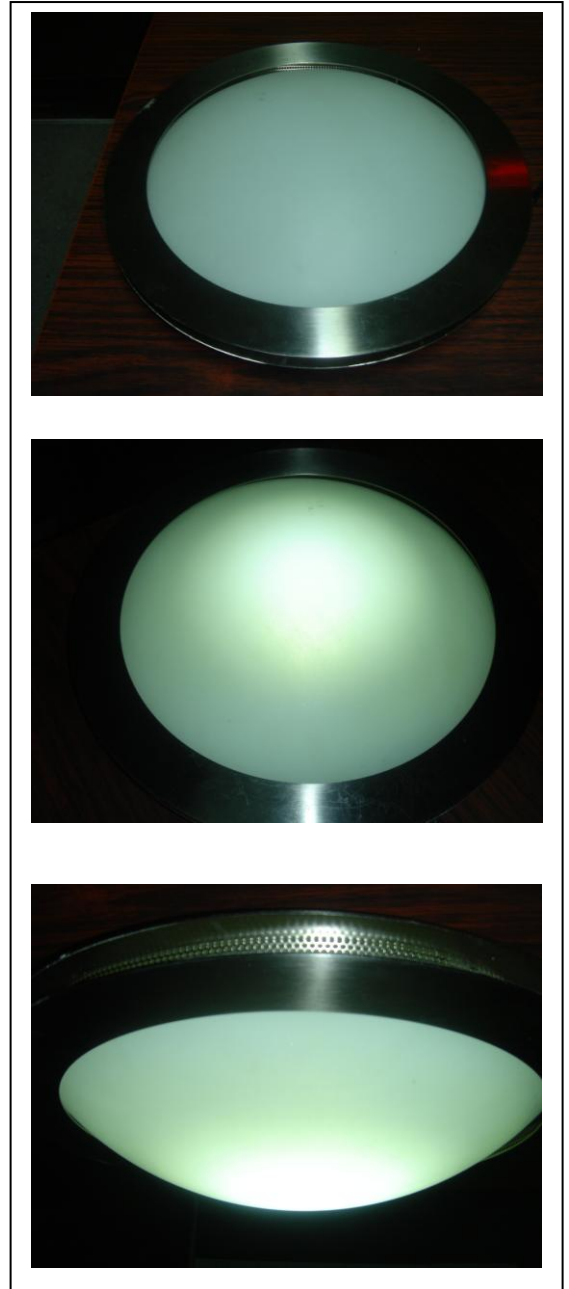
The BINAY model 'DLF' PowerLED Downlighter is designed as a replacement for conventional downlighters which use 2 x 9 watt CFLs, and is suitable for surface mounting on ceilings.

The unit integrates efficient thermal management, as this is the most important factor in power LED luminaire design for ensuring long life of the LEDs. Highest efficiency power LEDs of 100 lumens/watt rating are used in the unit, which has a total power consumption of only 7.2 watts for the LEDs, with a total system power consumption of approximately 9 watts only.

This unit is designed as an equivalent to standard luminaires which use 2 x 9 watt CFL lamps (total system power consumption of 18W). **As such, not only is there a direct power saving of 50%, but also, light output is practically more than the usable light output of a 2 x 9W CFL system** (which emits 2 x 400 = 800 lumens, but with luminaire losses – at 70% luminaire efficiency – delivers only about 500 lumens). Life to L<sub>50</sub> lumen maintenance is 100,000 hours, and as such the unit is **ideal for applications where lighting is required for 24x7 operation, such as corridors, stairwells, bathrooms, toilets, etc.**

The body of the unit is made of coated aluminium, with decorative bezels of stainless steel at the periphery. A lens of frosted or powder-coated glass is provided as standard; however, if desired, a clear lens can also be supplied in case greater light output is desired.

The BINAY model 'DLF' PowerLED Surface Mount Downlighter has a limited warranty of 5 years against manufacturing defects.



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