

LED downlight Featuring a simple integrated design and high system efficacy. It conforms to general lighting norms for offices, shops and other indoor applications. Also offers very good color rendering, while a diffuser cover ensures superior uniformity and glare control. Its long lifetime makes it a true 'fit and forget' solution. This downlight can be used in environments requiring a 'green' general lighting solution, for instance offices, shops, hotels and hospitals.



## Features & Benefits

- High system efficacy, resulting in up to 70% energy savings compared with conventional CFL down lights.
- Uniform and diffused lighting effect.
- Optimized heat sink design, enabling 50k hrs long lifetime.
- Superior solution for retrofitting
- Better colour consistency.
- Long lifetime: 50, 000 hours.
- Fit the application - 3500K / 6500K CCT, CRI80, high consistency.
- Offers sustainable solution with a return on investment within one to three years.

## Specifications

|                        |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| Family Name            | : Back Down Light                                                                                   |
| Model                  | : PLDL (561)                                                                                        |
| Wattage                | : 6Watt (5" Ø), 12Watt (6" Ø), 20Watt (7" Ø),                                                       |
| Cut out Size           | : 6Watt (4" Ø), 12Watt (5" Ø), 20Watt (6" Ø),                                                       |
| Lumen / Watt           | : 125lm/w                                                                                           |
| Lamp Colour            | : 2700K, 4700K, 6500K                                                                               |
| Colour Rendering Index | : >80                                                                                               |
| Optics                 | : HET diffuser                                                                                      |
| Driver                 | : Separate (Constant current driver)                                                                |
| Housing                | : Aluminum housing finished by white texture coating                                                |
| Lifetime               | : 50, 000 hrs                                                                                       |
| Classifications        | : IP20                                                                                              |
| Input Voltage          | : 180-270V AC - 50Hz                                                                                |
| Power Factor           | : > 0.95                                                                                            |
| Installation           | : Recess mounting on false ceiling with help of clips.                                              |
| Application            | : Used as indoor lighting in office interiors, budget hotel rooms, restaurant, malls and residency. |

### Accessories & Controls

Separate electronic LED driver

### Installation

Provision for mounting with the help of spring loaded SS mounting clips.

| Product Code  | Ordering Code       | LED Wattage | System Wattage (W) | Rated Voltage (V) | Mains Current (A) | Lumens | Case Lot (Nos.) |
|---------------|---------------------|-------------|--------------------|-------------------|-------------------|--------|-----------------|
| PLDL 561 / 6  | PLDL 561 / 36 / 50  | 5.5         | 6                  | 240               | 0.03              | 750    | 1 Nos.          |
| PLDL 561 / 12 | PLDL 561 / 64 / 55  | 10.5        | 12                 | 240               | 0.06              | 1350   | 1 Nos.          |
| PLDL 561 / 20 | PLDL 561 / 100 / 55 | 17          | 20                 | 240               | 0.09              | 2150   | 1 Nos.          |