

# 3 In. 8W (50W Replacement) 3 Selectable Colours LED Downlight



- Converts conventional recessed lighting to energy saving LED technology
- LED lighting provides significant energy savings over incandescent recessed lighting and years of reliable light
- Easy DIY installation
- **Ideal usage:** Recessed Lighting
- **Special Features:** Color Selectable

## Product Specifications

Item Number: **LEDR3/2/UK**

|                                                                                                                                                                |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Lighting technology used                                                                                                                                       | LED                 |
| Non-directional or directional                                                                                                                                 | Directional         |
| Light source cap-type (or other electric interface)                                                                                                            | N/A                 |
| Correction factor C depending on light source characteristics-Main or non-mains                                                                                | Main                |
| Connected light source (CLS):                                                                                                                                  |                     |
| Useful luminous flux(Lm)*                                                                                                                                      | 806                 |
| Correlated colour temperature (K) *                                                                                                                            | 3000-4000-5000      |
| Chromaticity coordinate (x):                                                                                                                                   |                     |
| Chromaticity coordinate (y):                                                                                                                                   |                     |
| The beam angel or range of beam angles(0)*                                                                                                                     | 60                  |
| Beam angle correspondence : Sphere or wide cone or narrow cone                                                                                                 |                     |
| Electrical interface details*                                                                                                                                  | 220-240VAC 50/60 Hz |
| The L70B50 life time expressed in hours                                                                                                                        | 25,000              |
| The on-mode power (Pon) expressed in W                                                                                                                         | 8                   |
| Lamp Dimensions(mm)                                                                                                                                            | 53.5*50             |
| The standby power (Psb) expressed in W                                                                                                                         | N/A                 |
| The networked standby power (Pnet) for CLS expressed in W                                                                                                      | N/A                 |
| The Colour rendering index 80                                                                                                                                  | 83.2                |
| Survival factor (Max value =1)                                                                                                                                 | 1                   |
| Lumen maintenance factor (Max value =1)                                                                                                                        | 97.13%              |
| Displacement factor (Max value =1)                                                                                                                             | 0.95                |
| Colour consistency in McAdam ellipses (Max value =9)                                                                                                           | 2.6                 |
| Flicker metric (Max value =9.9)                                                                                                                                | 0                   |
| Stroboscopic effect metric (Max value =9.9)                                                                                                                    | 0                   |
| Spectral power distribution in the range 250 nm to 800 nm, at full-load (File to be uploaded)                                                                  |                     |
| If the light source is designed for optimum use in nonstandard conditions (such as ambient temperature Ta ≠ 25 0C or specific thermal management is necessary) | N/A                 |
| A warning if the light source cannot be dimmed or can be dimmed only with specific dimmers or with specific wired or wireless dimming methods                  | Dimmable            |
| Mercury content x,x mg (if applition) 0,0                                                                                                                      | 0                   |
| Energy consumption in on-mode (KWh/1000h):                                                                                                                     |                     |
| Energy Efficacy Class                                                                                                                                          | F                   |