

# DOWNLIGHT TECHNICAL SPECIFICATION SHEET

# DaxLite

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Product: **DaxPRO 5W COB LED IP65  
FIRE RATED DOWNLIGHT**  
Product Code: **DX45 & DX35**  
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## GENERAL DETAILS

|                         |   |
|-------------------------|---|
| Description             | 5 Watt COB LED IP65 Fire Rated Downlight          |
| Overall Dimensions (mm) | Depth: 65mm Length: 161.5mm Dia: 85mm             |
| Cut-out (mm)            | Cut-out: 75mm                                     |
| Finishes Available      | Interchangeable bezels: Satin Silver/Chrome/White |
| Light Source Weight     | 0.29kg  |
| Energy Rating           | A   |
| Ingress Protection      | IP65  |
| Fire Rating             | 30/60/90 Minutes                                  |

## LIGHT SOURCE

|                                  |                                    |
|----------------------------------|------------------------------------|
| Rated Wattage (Chip) & Brand     | 5 Watts (Epistar)                  |
| Lumens                           | 350 lm (4000K), 325 lm (3000K)     |
| Lumens per Watt                  | 70 lm/W (4000K), 65 lm/W (3000K)   |
| Recommended Product Location     | Plasterboard ceilings              |
| Beam Angle                       | 60°                                |
| Colour Temperature (K) Kelvin    | 3000K/Warm White, 4000K/Cool White |
| Colour Rendering Index CRI: Ra   | CRI: Ra 80                         |
| LED Life (Hrs)                   | Average Life: 80,000 Hrs           |
| Photometric Data                 | Available on Request               |
| Light Source Working Temperature | (LED Module) <55°C                 |

## ELECTRICAL

|                           |                            |
|---------------------------|----------------------------|
| Voltage (V)               | 220V - 240V. 50 Hz. AC     |
| Running Current (I)       | 0.05 Amps                  |
| Total Running Wattage (W) | 5W +/- 5%                  |
| Dimmable                  | No                         |
| LED Driver                | 100 mA Constant Current DC |
| Electrical Classification | Class II                   |

## INSTALLATION

|                                  |  |
|----------------------------------|--|
| Distance from illuminated object | 0.5m                                   |
| Method of Fix                    | Spring Clip x2. 20A Fast Fix connector |
| Recommended Working Temperature  | Min -10°C to Max +70°C                 |

## MATERIALS

|                      |                               |
|----------------------|-------------------------------|
| Material Composition | Aluminium, Nylon, PMMA, Steel |
|----------------------|-------------------------------|

## APPROVALS

|                                |   |
|--------------------------------|---|
| Guarantee                      | 5 Years. Extendable to 10 years (Domestic warranty - from date of purchase) |
| Building Compliance            | Part B, Part E, Part C, Part L1 & Part L2                                   |
| Marks & Symbols                | CE. Driver - SELV   |
| Manufactured in accordance to: | BS 476, BS EN 60 598  |

DaxLite reserves the right to withdraw, improve or modify any design without prior notification. DaxLite cannot be held responsible for the incorrect application of any product.

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