



## TECHNICAL SPECIFICATIONS

### PRODUCT REFERENCE

|              |                |
|--------------|----------------|
| Environment  | Indoor         |
| Installation | Ceiling Recess |

### CONSTRUCTION & MATERIALS

|                  |                              |
|------------------|------------------------------|
| Housing          | Aluminium                    |
| Lens or Diffuser | PMMA                         |
| Reflector        | -                            |
| Finish           | Powder Painted White / Black |

### THERMAL MANAGEMENT

|                    |                           |
|--------------------|---------------------------|
| Heat Sink Material | Aluminium, Black Anodised |
| Cooling Technique  | Passive                   |

### OPTICAL SYSTEM

|                     |                                   |
|---------------------|-----------------------------------|
| Beam Angles (FWHM)° | Spot (16), Medium (24), Wide (38) |
| Beam Direction      | Fixed                             |
| Tilt                | No                                |
| Swivel              | No                                |

### ELECTRICAL SYSTEM

|                       |                         |
|-----------------------|-------------------------|
| Driven With           | Constant Current Driver |
| Input Voltage         | 220V-240V               |
| Input Power           | 1.75w                   |
| Power Factor          | >0.6                    |
| ATHD                  | -                       |
| Control Gear Mounting | Remote                  |

### DIMMING

Dimming Options Consult ABBY Representative

### LED TECHNOLOGY

|                                  |                   |
|----------------------------------|-------------------|
| Led Fitted                       | CREE              |
| Lumen Output System (Delivered)* | 113 121 129       |
| Efficacy (System - lm/watt)*     | 65 70 74          |
| Co-related Colour Temp.          | 3000K 4000K 6000K |
| Led Life Time @ L70 / B10        | 50,000 hours      |
| Colour Rendering CRI             | >80               |



## ORDERING INFORMATION

While ordering mention **one code from each** of the following columns

| PRODUCT CODE    | LED COLOUR                    | BEAM ANGLE            | FINISH           | DIMMING OPTION |
|-----------------|-------------------------------|-----------------------|------------------|----------------|
| <b>DOT D 1W</b> | Warm White 3000K WW30K        | Spot (16) SS          | White <b>SWH</b> | Non Dimmable   |
|                 | Neutral White 4000K NW40K     | Medium (24) <b>MD</b> | Black SBL        |                |
|                 | Cool White 6000K <b>CW60K</b> | Wide (38) WD          |                  |                |

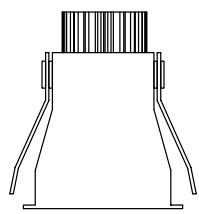
**DOT D 1W - CW60K - MD - SWH -**

This is the ordering code for a DOT D 1W in Cool White, Medium Beam, White Finish, and Non Dimmable Driver.

### INSTALLATION

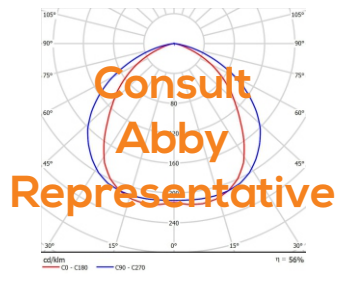
|                            |              |
|----------------------------|--------------|
| Cutout in mm               | 40 mm        |
| Min void in ceiling height | 65 mm        |
| Installation by            | Spring clips |

### LINE DRAWING



Ø : 47mm x Ht : 55mm

### PHOTOMETRY



### APPLICATION LEGEND



Abby tries to ensure all data and information is correct at the time of publication. Data provided is for information purposes only. \*Output data figures stated are typical values for medium beam.