



ABBY
LIGHTING

SPOT & ACCENT - RECESS : **iBELLE 15W**

TECHNICAL SPECIFICATIONS

PRODUCT REFERENCE

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

CONSTRUCTION & MATERIALS

| | |
|------------------|----------------------|
| Housing | Aluminium |
| Lens or Diffuser | Clear PMMA |
| Reflector | PC Metallised |
| Finish | Powder Painted White |

THERMAL MANAGEMENT

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

OPTICAL SYSTEM

| | |
|---------------------|-----------------------------------|
| Beam Angles (FWHM)° | Spot (24), Medium (32), Wide (40) |
| Beam Direction | Fixed |
| Tilt | No |
| Swivel | No |

ELECTRICAL SYSTEM

| | |
|-----------------------|-------------------------|
| Driven With | Constant Current Driver |
| Input Voltage | 220V-240V |
| Input Power | 14.5w |
| Power Factor | >0.9 |
| ATHD | <10% |
| Control Gear Mounting | Remote |



DIMMING

Dimming Options Consult ABBY Representative

LED TECHNOLOGY

| | |
|----------------------------------|-------------------|
| Led Fitted | CREE |
| Lumen Output System (Delivered)* | 1103 1181 1271 |
| Efficacy (System - lm/watt)* | 76 82 88 |
| 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 |
|-------------------|------------------------------|-------------------|--------------|------------------------------|
| iBELLE 15W | Warm White 3000K NW30K | Spot (24) SS | White SWH | Non Dimmable |
| | Neutral White 4000K NW40K | Medium (32) MD | Black SBL | 1-10v Dimmable Driver A Dim |
| | Cool White 6000K CW60K | Wide (40) WD | | Phase Dimmable Driver PC Dim |
| | | | | Dali Dimmable Driver D Dim |

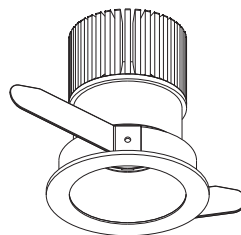
iBELLE 15W - CW60K - MD - SWH - D Dim

This is the ordering code for a iBELLE 15W in Cool White, Medium Beam, White Finish, and Dali Dimmable Driver.

INSTALLATION

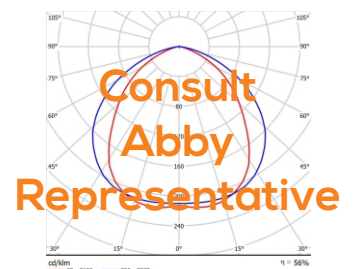
| | |
|----------------------------|--------------|
| Cutout in mm | 78 mm |
| Min void in ceiling height | 115 mm |
| Installation by | Spring clips |

LINE DRAWING



Ø : 90mm x Ht : 105mm

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.