



TECHNICAL SPECIFICATIONS

PRODUCT REFERENCE

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

CONSTRUCTION & MATERIALS

| | |
|------------------|------------------------------|
| Housing | Aluminium |
| Lens or Diffuser | PC Metallised Reflector |
| Reflector | PC Black Raster |
| Finish | Powder Painted White / Black |

THERMAL MANAGEMENT

| | |
|--------------------|-----------|
| Heat Sink Material | Aluminium |
| Cooling Technique | Passive |

OPTICAL SYSTEM

| | |
|---------------------|-----------------------------------|
| Beam Angles (FWHM)° | Spot (20), Medium (26), Wide (40) |
|---------------------|-----------------------------------|

| | |
|----------------|-------|
| Beam Direction | Fixed |
| Tilt | No |
| Swivel | No |

ELECTRICAL SYSTEM

| | |
|-----------------------|-------------------------|
| Driven With | Constant Current Driver |
| Input Voltage | 220V-240V |
| Input Power | 5.74w |
| Power Factor | >0.6 |
| ATHD | - |
| Control Gear Mounting | Remote |



DIMMING

| | |
|-----------------|-----------------------------|
| Dimming Options | Consult ABBY Representative |
|-----------------|-----------------------------|

LED TECHNOLOGY

| | |
|----------------------------------|-------------------|
| Led Fitted | CREE |
| Lumen Output System (Delivered)* | 489 519 538 |
| Efficacy (System - lm/watt)* | 85 90 94 |
| 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 |
|------------------------------|---|---------------------------------------|----------------|--|
| DARK KNIGHT PLUS 2 5W | Warm White 3000K Neutral White 4000K Cool White 6000K | Spot (20) Medium (26) Wide (40) | White Black | Non Dimmable 1-10v Dimmable Driver Phase Dimmable Driver Dali Dimmable Driver |

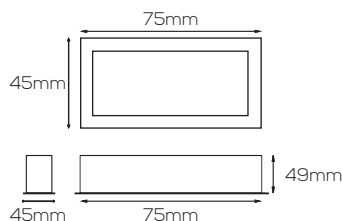
DARK KNIGHT PLUS 2 5W - CW60K - MD - SWH - D Dim

This is the ordering code for a DARK KNIGHT PLUS 2 5W in Cool White, Medium Beam, White Finish, and Dali Dimmable Driver.

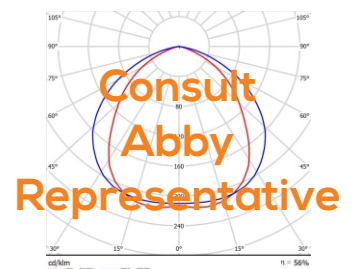
INSTALLATION

| | |
|----------------------------|--------------|
| Cutout in mm | 68 mm x 37mm |
| Min void in ceiling height | 60 mm |
| Installation by | Spring clips |

LINE DRAWING



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.