



**ABBY**  
LIGHTING

STUDIO ABBY - RECESS : **DARK KNIGHT PLUS 10 25W**

**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 24.77w  
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)\* 2100 2226 2310  
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
<b>DARK KNIGHT PLUS 10 25W</b>	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
	WW30K NW40K CW60K	SS MD WD	SWH SBL	A Dim PC Dim D Dim

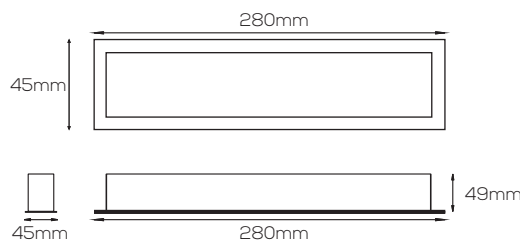
**DARK KNIGHT PLUS 10 25W - CW60K - MD - SWH - D Dim**

This is the ordering code for a DARK KNIGHT PLUS 10 25W in Cool White, Medium Beam, White Finish, and Dali Dimmable Driver.

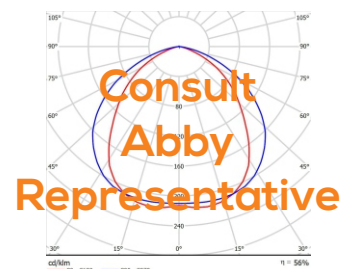
**INSTALLATION**

Cutout in mm 273 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.