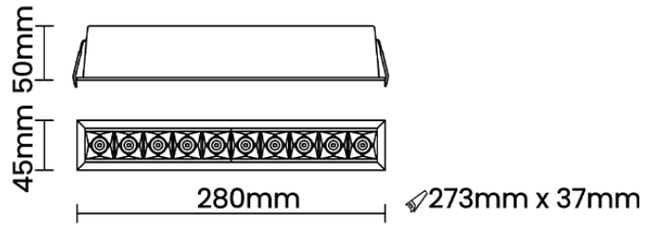
ABBY LIGHTING

220V 240V 50/60Hz | IP20 | L80B10 >50,000h | MacAdam Step 3 | UGR<16 | CRI 90

Optional: Bluetooth | Dimmable | Tunable White

Dark Knight 10 | 24W





Product Reference

Environment Indoor

Installation Ceiling Recess

Construction & Materials

Housing Die Cast Aluminium

Primary Lens -

Primary Reflector PC metallised

Secondary Reflector Black Raster – ABS

Body Finish White,Black,Custom

Diffuser -

Antiglare Baffle -

Thermal Management

Heat Sink Material Die cast Aluminium

Cooling Technique Passive Cooling

Optical System

Beam Direction Fixed

Tilt No

Swivel No

Electrical System

Driven with Constant Current Driver

Input Voltage/Hz 220V- 240V/50-60Hz

Control Gear Included

Mounting Remote

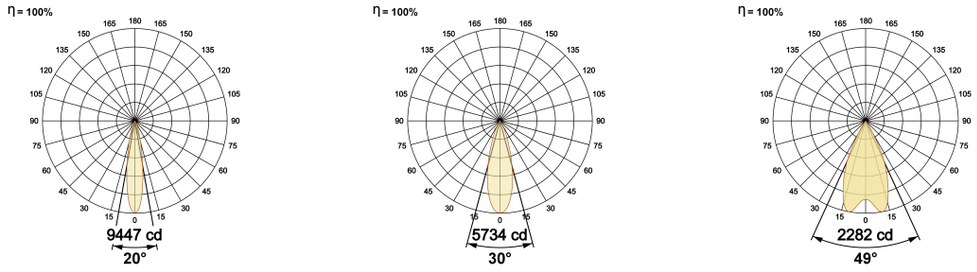
LED Power Watts 19.7W

System Power Watts 22.6W

Operating Voltage Vin 220-240 Vac

Power Factor p.f. > 0.95

Light Distribution



LED Technology

Binning 3 Step MacAdam

LED Life Time @ L80/B10 >50000 hours

Colour Rendering (CRI) CRI90

Led Type SMD high power

LED Fitted -

Controls

Standard Switchable On/Off

Optional PDIM,DDIM,CASAMBI,Non Dimmable

Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	Dark Knight 10	**24W**	**WW27K**	**CRI90**	**20°(SS)**	**SWH**	**On/Off**

Select one from each column with highlighted values to create the ordering code

NAME	WATT	LUMEN	EFFICACY	CCT		CRI	ANGLE		FINISH		CONTROL	
Dark Knight 10	**24W**	1514	67	2700K	**WW27K**	**CRI90**	20°(SS)	**30°(MD)**	White	**SWH**	Non Dimmable	**On/Off**
		1582	70	3000K	**WW30K**		30°(MD)		Black	**SBL**	Phase Dimmable	**PDIM**
		1718	76	4000K	**NW40K**		49°(WD)		Custom	**CSM**	Dali Dimmable	**DDIM**
		1763	78	5700K	**CW57K**						Bluetooth Dimmable	**BTTM**
				2700K-5700K	**TW**						Casambi	**CBTM**
Dark Knight 10	**24W**			**WW27K**		**CRI90**	**20°(SS)**		**SWH**		**On/Off**	