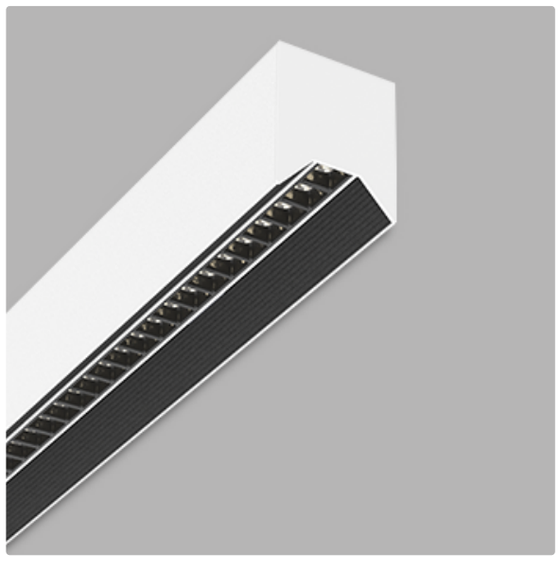
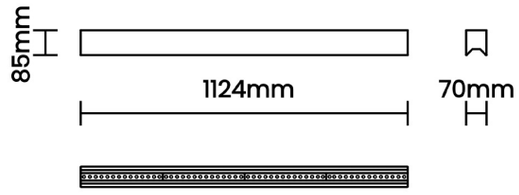
ABBY LIGHTING

220V 240V 50/60Hz | CRI 80 | IP20 | L80B10 >50,000h | MacAdam Step 3 | UGR<16

Optional: Bluetooth | Dimmable | CRI 90

ZuG Dark S 112 | 24W





Product Reference

Environment Indoor

Installation Ceiling Surface

Construction & Materials

Housing Aluminium Extrusion

Primary Lens PMMA

Primary Reflector -

Secondary Reflector PC Black Cover

Body Finish White,Black

Diffuser -

Antiglare Baffle Black,White,Custom

Thermal Management

Heat Sink Material 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 Integral

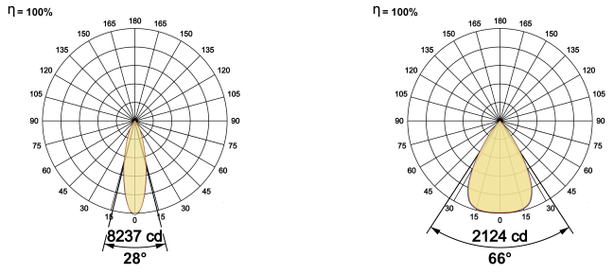
LED Power Watts 20.5W

System Power Watts 23.6W

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) CRI80,CRI90

Led Type SMD high power

LED Fitted Osram/Cree 3030 LED array 39V-42Vdc/500mA

Controls

Standard Switchable On/Off

Optional PDIM,DDIM,BTTM,CASAMBI,Non Dimmable

Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	ZuG Dark S 112	**24W**	**WW27K**	**CRI80**	**28°(MD)**	**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	
ZuG Dark S 112	**24W**	2620	111	2700K	**WW27K**	**CRI80**	28°(MD)	**28°(MD)**	White	**SWH**	Non Dimmable	**On/Off**
		2690	114	3000K	**WW30K**	CRI90	66°(VWD)		Black	**SBL**	Phase Dimmable	**PDIM**
		2832	120	4000K	**NW40K**						Dali Dimmable	**DDIM**
		2879	122	5700K	**CW57K**						Bluetooth Dimmable	**BTTM**
											Casambi	**CBTM**
ZuG Dark S 112	**24W**			**WW27K**		**CRI80**	**28°(MD)**		**SWH**		**On/Off**	

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