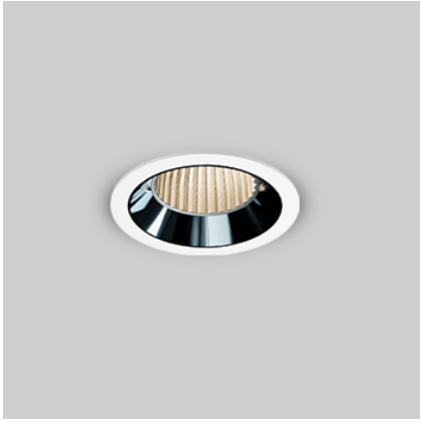
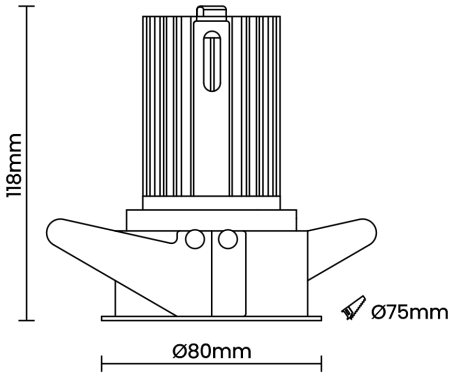
ABBY LIGHTING

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

Optional: Bluetooth | Dimmable | Tunable White | CRI 90

Sigma 80 | 18W





Product Reference

Environment Indoor

Installation Ceiling Recess

Construction & Materials

Housing Aluminium

Primary Lens PMMA

Primary Reflector PC metallised

Secondary Reflector Anodised

Body Finish White,Black

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 Integral

LED Power Watts 15.7W

System Power Watts 18W

Operating Voltage Vin 220-240Vac

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 COB

LED Fitted Cree COB LED 33V-36Vdc/450mA

Controls

Standard Switchable On/Off

Optional PDIM,DDIM,BTTM

Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	Sigma 80	**18W**	**WW27K**	**CRI80**	**26°(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	
Sigma 80	**18W**	1494	83	2700K	**WW27K**	**CRI80**	26°(MD)	**26°(MD)**	White	**SWH**	Non Dimmable	**On/Off**
		1530	85	3000K	**WW30K**	CRI90	43°(WD)	**43°(WD)**	Black	**SBL**	Phase Dimmable	**PDIM**
		1602	89	4000K	**NW40K**		61°(VWD)	**61°(VWD)**			Dali Dimmable	**DDIM**
		1638	91	5700K	**CW57K**						Bluetooth Dimmable	**BTTM**
Sigma 80	**18W**			**WW27K**		**CRI80**	**26°(MD)**		**SWH**		**On/Off**	

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