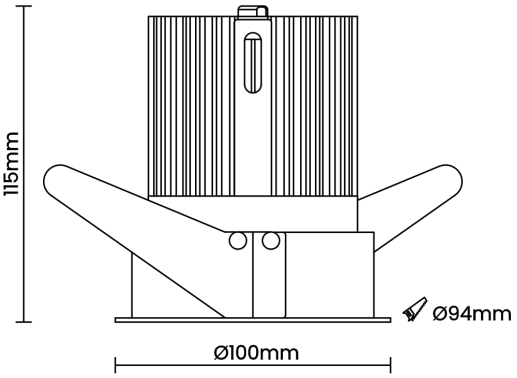
ABBY LIGHTING

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

Optional: Bluetooth | Dimmable | Tunable White | CRI 90

Sigma 105 | 20W



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

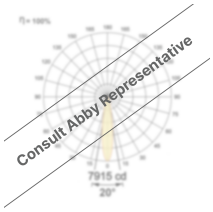
Optical System

Beam Direction Fixed

Tilt No

Swivel No

Light Distribution



Electrical System

Driven with Constant Current Driver

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

Control Gear Included

Mounting Integral

LED Power Watts 17.2W

System Power Watts 19.8W

Operating Voltage Vin 220-240Vac

Power Factor p.f. >0.95

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/500mA

Controls

Standard Switchable On/Off

Optional PDIM,DDIM,BTTM

Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	Sigma 105	**20W**	**WW27K**	**CRI80**	**27°(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 105	**20W**	1901	96	2700K	**WW27K**	**CRI80**	27°(MD)	White	**SWH**	Non Dimmable	**On/Off**
		1960	99	3000K	**WW30K**	CRI90	36°(WD)	Black	**SBL**	Phase Dimmable	**PDIM**
		2059	104	4000K	**NW40K**		53°(VWD)			Dali Dimmable	**DDIM**
		2099	106	5700K	**CW57K**					Bluetooth Dimmable	**BTTM**
Sigma 105	**20W**			**WW27K**		**CRI80**	**27°(MD)**	**SWH**		**On/Off**	

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