ABBY LIGHTING

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

Optional [Dimmable | Tunable White | CRI 90]

iWash S 112 | 48W

Product Reference

Environment	Indoor
Installation	Ceiling Surface

Construction & Materials

Housing	Extruded Aluminium
Primary Lens	PMMA
Primary Reflector	PC metallised
Secondary Reflector	Black Raster – PC, White Raster – PC
Body Finish	White, Black, Custom
Diffuser	-
Antiglare Baffle	-

Thermal Management

Heat Sink Material	Extruded Aluminium
Cooling Technique	Passive Cooling

Optical System

Beam Direction	Fixed Asymmetric
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	41.3W
System Power Watts	47.5W
Operating Voltage Vin	220-240 Vac
Power Factor p.f.	> 0.95

90mm | 1122mm | 45mm
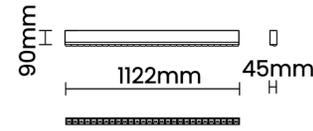
Light Distribution

η = 100%

1336 cd
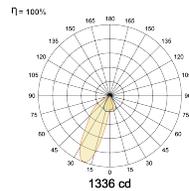
LED Technology

Binning	3 Step MacAdam
LED Life Time @ L80/B10	>50000 hours
Colour Rendering (CRI)	CRI80, CRI90
Led Type	SMD
LED Fitted	Osram/Samsung Mid power LED array 39-42Vdc/1050mA

Controls

Standard Switchable	On/Off
Optional	DDIM, CASAMBI, Non Dimmable

Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	iWash S 112	48W	WW27K	CRI80		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	
iWash S 112	48W	4038	85	2700K	WW27K	CRI80			White	SWH	Non Dimmable	On/Off
		4180	88	3000K	WW30K	CRI90			Black	SBL	Dali Dimmable	DDIM
		4418	93	4000K	NW40K				Custom	CSM	Casambi	CBTM
		4513	95	5700K	CW57K							
				2700K-5700K	TW							
iWash S 112	48W			WW27K		CRI80			SWH		On/Off	