

SIGMA

Controlled Optics.
Configurable Design.



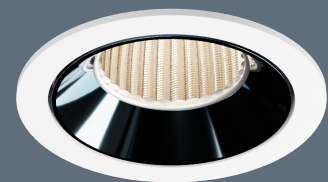
ABBY
LIGHTING

lights. made easy

Same cutout, **Multiple Applications**

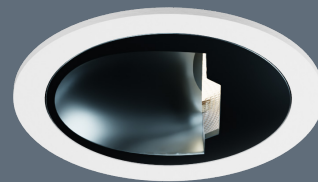
The Sigma series offers a choice of beam angles. Choose from narrow beams for accents, wide beams for ambient lighting, or wallwashers for added depth - all while maintaining a clean, uniform ceiling aesthetic.

At the heart of the Sigma series lies a simple philosophy: the luminaire should recede into the architecture, allowing the light itself to take center stage. With Sigma, we've brought that vision to life - quiet ceilings, striking effects.

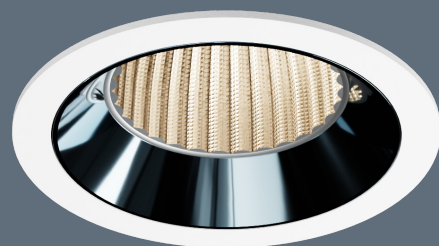


Sigma 60 Spotlight

Cutout: 56mm
Dia: 62mm

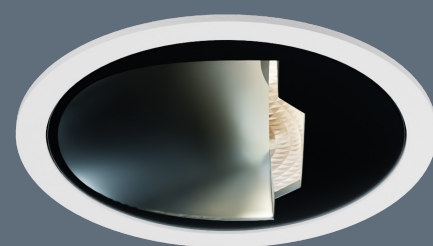


Sigma 60 Wallwasher



Sigma 80 Spotlight

Cutout: 75mm
Dia: 80mm

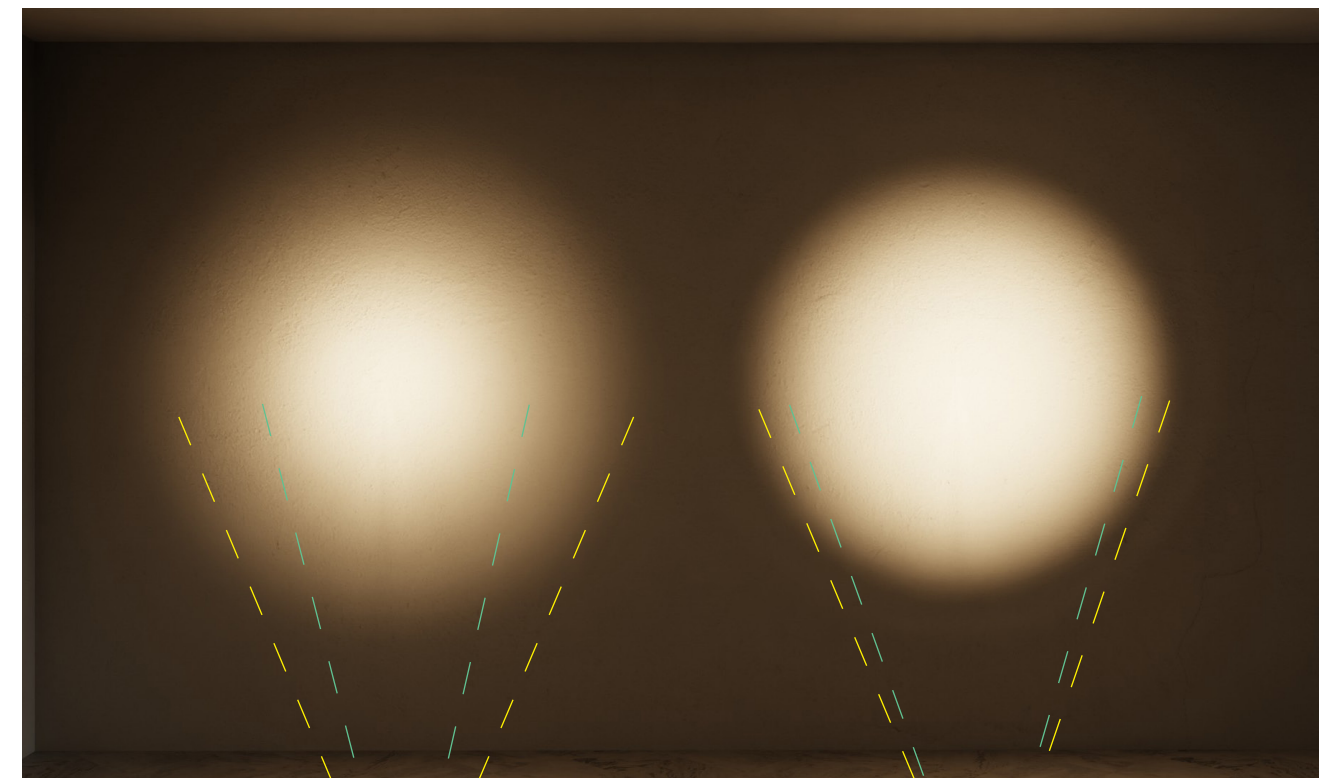


Sigma 80 Wallwasher

Precision Optics for **Controlled Light**

A combination of primary and secondary reflectors shapes the beam with high precision, ensuring that all delivered lumens stay within the defined beam angle with minimal spill.

The result is uniform illumination with no noticeable drop in intensity from the center to the edge of the beam—the theoretical beam angle closely matches the actual field angle.



Traditional Spotlight

A large gap between beam and field angle results in significant light spill—leading to wasted lumens and an imprecise lighting effect.

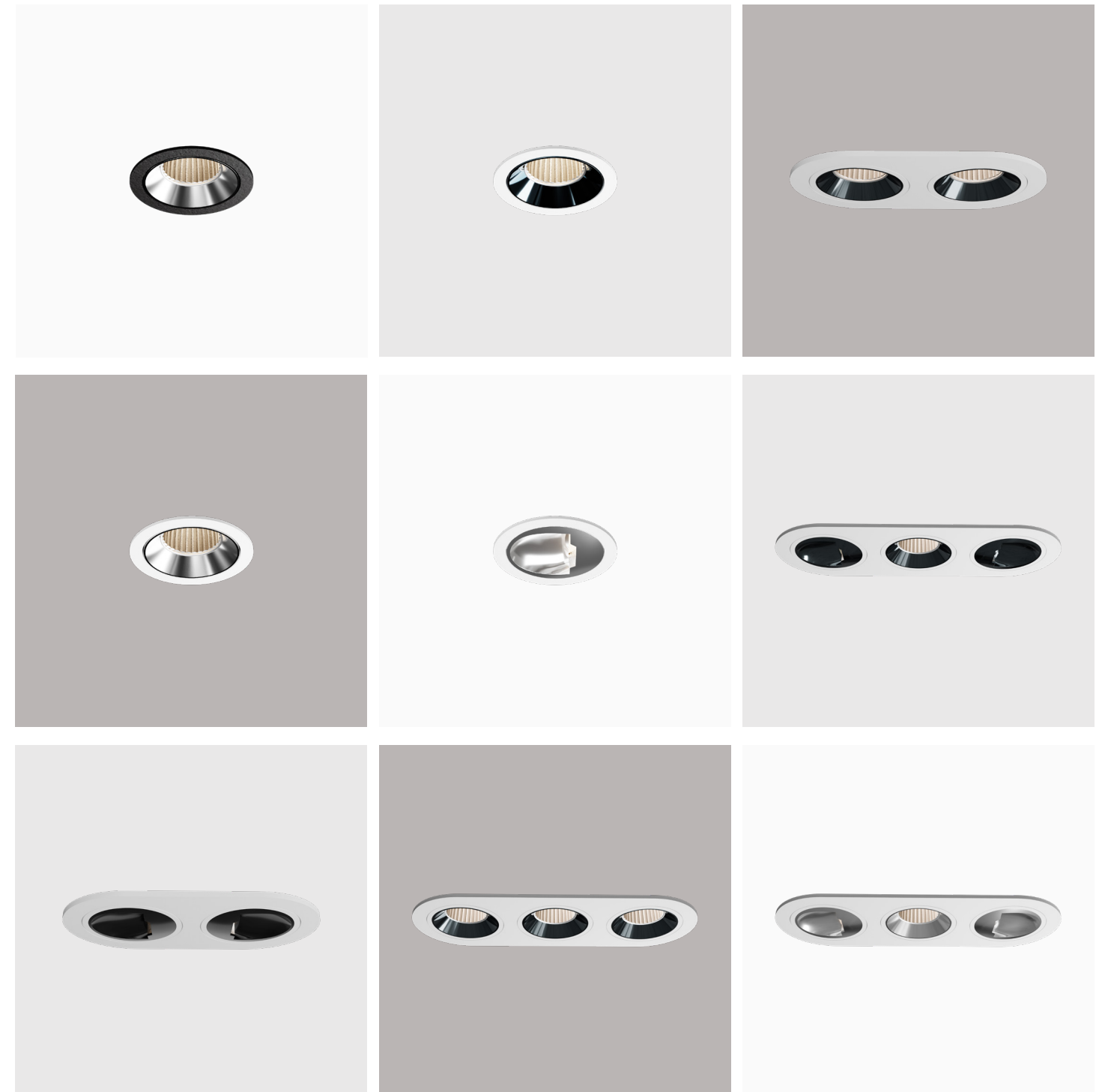
Sigma range

Minimal difference between beam and field angle ensures negligible light spill—concentrating all light precisely on the intended object or space.

Pick and choose your own **Configuration**

Configure your layout with single, double, or triple module options. Combine wallwashers and downlights based on project requirements, and customise with a selection of trim body finishes and high performance reflector variants.

*Defined edges.
No distractions*



Multiple reflector options to select from



Technical Specifications

Product Reference

Environment Indoor
Installation Ceiling Recess

Construction & Materials

Housing Aluminium
Body Finish Black/White
Primary Lens -
Primary Reflector PC Metallised
Secondary Reflector Anodised
Diffuser -

Thermal Management

Heat Sink Material Extruded Aluminium
Cooling Technique Passive Cooling

Led Technology

Led Type COB
Binning 3 Step MacAdam
Led Lifetime @L70/B10 >50,000 hours
Color Rendering (CRI) CRI 80/90

Optical System

Beam Direction Fixed
Tilt/Swivel Yes/Yes

Electrical System

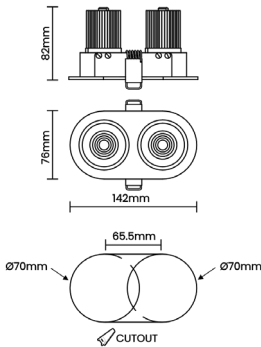
Driven With Constant Current Driver
Input Voltage/Hz 220V-240Vac/50-60Hz
Control Gear/Mounting Included/Integral

Controls

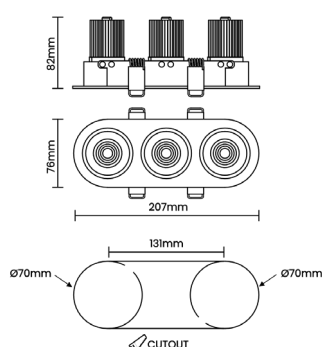
Standard Switchable On/Off
Optional PDIM, DDIM



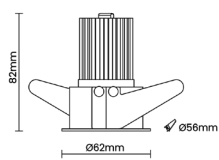
Sigma 60 - 2way



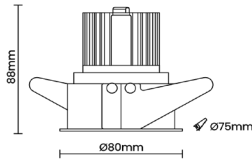
Sigma 60 - 3way



Sigma 60



Sigma 80



Code Example: Name	Watt	CRI	CCT	Finish	Angle	Control
Sigma	10W	CRI 80	2700K	SWH	29°(MD)	On/Off

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

NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 60	8W	660	88	CRI 80	2700K WW27K	29°(MD)	Black Nickel BN	White SWH	Non Dimmable On/Off
	10W	848	84	CRI 90	3000K WW30K	42°(WD)	Chrome CH	Black SBL	DALI Dimming DDIM
	12W	976	82		4000K NW40K	62°(VWD)	Black Matte BM		Phase Dimmable PDIM *
					5700K CW57K		White WH		Bluetooth Dimmable BTTM *
					2700K-5700K TW *				Casambi CBTM *

NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 80	15W	1396	99	CRI 80	2700K WW27K	26°(MD)	Black Nickel BN	White SWH	Non Dimmable On/Off
	18W	1602	89	CRI 90	3000K WW30K	43°(WD)	Chrome CH	Black SBL	DALI Dimming DDIM
					4000K NW40K	61°(VWD)	Black Matte BM		Phase Dimmable PDIM
					5700K CW57K		White WH		Bluetooth Dimmable BTTM
					2700K-5700K TW				Casambi CBTM

* Driver will be remote

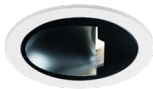
Code Example: Name	Watt	CRI	CCT	Finish	Angle	Control
Sigma 60 2 way	10W	CRI 80	2700K	SWH	29° (MD)	On/Off

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

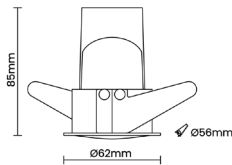
NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 60 2 way	2X8W	2x660	82	CRI 80	2700K WW27K	29° (MD)	Black Nickel BN	White SWH	Non Dimmable On/Off
	2X10W	2x849	86	CRI 90	3000K WW30K	42° (WD)	Chrome CH	Black SBL	DALI Dimming DDIM
	2X12W	2x976	88		4000K NW40K	62° (VWD)	Black Matte BM		Phase Dimmable PDIM *
					5700K CW57K				Bluetooth Dimmable BTTM *
					2700K-5700K TW *				Casambi CBTM *

NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 60 3 way	3X8W	3x660	94	CRI 80	2700K WW27K	29° (MD)	Black Nickel BN	White SWH	Non Dimmable On/Off
	3X12W	3x976	92	CRI 90	3000K WW30K	42° (WD)	Chrome CH	Black SBL	DALI Dimming DDIM
					4000K NW40K	62° (VWD)	Black Matte BM		Phase Dimmable PDIM *
					5700K CW57K				Bluetooth Dimmable BTTM *
					2700K-5700K TW *				Casambi CBTM *

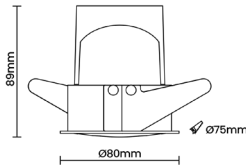
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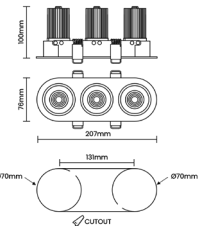
Sigma 60 WW



Sigma 80 WW



Sigma 60-2 way WW



Code Example: Name	Watt	CRI	CCT	Finish	Control
Sigma WW	10W	CRI 80	2700K	SWH	On/Off

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

NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 60 WW	8W	660	88	CRI 80	2700K WW27K	Asymmetric	Black BL	White SWH	Non Dimmable On/Off
	10W	848	84	CRI 90	3000K WW30K		Chrome CH	Black SBL	DALI Dimming DDIM
	12W	976	82		4000K NW40K		White Matte WM		Phase Dimmable PDIM *
					5700K CW57K				Bluetooth Dimmable BTTM *
									Casambi CBTM *
NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 80 WW	15W	1192	84	CRI 80	2700K WW27K	Asymmetric	Black BL	White SWH	Non Dimmable On/Off
	18W	1430	79	CRI 90	3000K WW30K		Chrome CH	Black SBL	DALI Dimming DDIM
					4000K NW40K		White Matte WM		Phase Dimmable PDIM
					5700K CW57K				Bluetooth Dimmable BTTM
									Casambi CBTM
NAME	WATT	LUMEN	EFFICACY	CRI	CCT	ANGLE	SEC. REFLECTOR	FINISH	CONTROL
Sigma 60 2 way WW	2X8W	2x888	74	CRI 80	2700K WW27K	Asymmetric	Black BL	White SWH	Non Dimmable On/Off
	2X10W	2x849	86	CRI 90	3000K WW30K		Chrome CH	Black SBL	DALI Dimming DDIM
	2X12W	2x976	80		4000K NW40K		White Matte WM		Phase Dimmable PDIM *
					5700K CW57K				Bluetooth Dimmable BTTM *
									Casambi CBTM *

* Driver will be remote

lights.spots.made easy

