Date: _____ Project: _____

Type: _____ Part #: _____



Aerolux

Field-Adjustable Distribution Area Light

Meet the AEROLUX SERIES Beam Adjustable Area light built for real-world outdoor lighting.

With 4-way field-adjustable distribution (T2–T5), you can fine-tune the beam pattern on-site in seconds, meaning one fixture can handle multiple layouts without over-lighting, spill light, or the "wrong optic" panic.

It's the ideal solution for projects where flexibility, clean coverage, and future-proof planning matter.

BEAM™ FLEX

ark R | DLC LISTED PREMIUM | UL CERTIFIED | IP65 | MULTI POWER | MULTI CCT | DIMMABLE

Product Features

- Reno Standalone and Smart sensor capable
- Hermetic Seal Assurance: Integrated breather valve enables 100% airtight testing, ensuring long-term waterproof reliability
- Reduces Structural Stress: Lighter weight and compact profile minimize load on mounting poles
- Die-cast aluminum body in black/bronze/white finish
- Custom Colours Available
- Polycarbonate lens
- 4-Way field-adjustable switch for distribution T2/T3/T4/T5 (using BeamFlex™ Technology without swapping lenses)
- Fully Shielded for DarkSky Compliance
- DarkSky approved at 3000K only
- IP65 rated for wet location
- 20KVA surge suppression
- Includes an adapter for round pole installations
- Operating temp: -40°F to 113°F (-40°C to 45°C)
- Rated Lifetime L70(hrs) >100,000
- 10-Year Limited Warranty

Specifications

Voltage	120-347V AC
Wattage	R1: 90/120/150W (default 150W) R2: 180/240/300W (default 300W)
CCT	3000K, 4000K, 5000K (default 5000K)
THD	< 20%
Power Factor	> 0.9
CRI	83
Lumens	Up to 55,463 lm
Efficacy	Up to 193 lm/W
Beam Angle	Selectable T2/T3/T4/T5 (default T3)
Mounting	Round or Square Pole-Mounted
Applications	Commercial buildings, Malls, Car Dealerships, Retail, Parking lots
Certifications	DLC Premium, UL, IP65,

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Specifications

Order #	Model #	Voltage	Wattage	Lumens	Efficacy	CCT	Finish
R53061	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BK	120-347V	90/120/150W	Up to 27,745 lm	Up to 187 lm/W	30/40/5000K	Black
R53062	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-WH	120-347V	90/120/150W	Up to 27,745 lm	Up to 187 lm/W	30/40/5000K	White
R53063	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BRN	120-347V	90/120/150W	Up to 27,745 lm	Up to 187 lm/W	30/40/5000K	Bronze
R53064	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BK	120-347V	180/240/300W	Up to 55,463 lm	Up to 193 lm/W	30/40/5000K	Black
R53065	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-WH	120-347V	180/240/300W	Up to 55,463 lm	Up to 193 lm/W	30/40/5000K	White
R53066	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BRN	120-347V	180/240/300W	Up to 55,463 lm	Up to 193 lm/W	30/40/5000K	Bronze

Light Distribution R1 (R53061, R53062, R53063)

	3000K				4000K				5000K			
	T2	**T3**	**T4**	**T5**	**T2**	**T3**	**T4**	**T5**	**T2**	**T3**	**T4**	**T5**
90W	15,338 lm	15,789 lm	16,684 lm	15,949 lm	16,417 lm	16,468 lm	17,231 lm	17,005 lm	16,227 lm	16,883 lm	17,501 lm	16,950 lm
	170.4 lm/W	175.4 lm/W	185.3 lm/W	177.2 lm/W	182.4 lm/W	182.9 lm/W	191.4 lm/W	188.9 lm/W	180.3 lm/W	187.5 lm/W	194.4 lm/W	188.3 lm/W
120W	20,316 lm	21,178 lm	21,134 lm	19,339 lm	21,459 lm	21,975 lm	21,920 lm	20,802 lm	20,982 lm	22,248 lm	21,467 lm	20,726 lm
	169.3 lm/W	176.4 lm/W	176.1 lm/W	161.1 lm/W	178.8 lm/W	183.1 lm/W	182.6 lm/W	173.3 lm/W	174.8 lm/W	185.4 lm/W	178.8 lm/W	17237 lm/W
150W	24,475 lm	26,257 lm	25,576 lm	24,726 lm	26,745 lm	27,745 lm	26,470 lm	26,275 lm	25,717 lm	27,353 lm	25,959 lm	24,713 lm
	163.1 lm/W	175 lm/W	170.5 lm/W	164.8 lm/W	178.3 lm/W	184.9 lm/W	176.4 lm/W	175.1 lm/W	171.4 lm/W	182.3 lm/W	173 lm/W	164.7 lm/W

Light Distribution R2 (R53064, R53065, R53066)

	3000K				4000K				5000K			
	T2	**T3**	**T4**	**T5**	**T2**	**T3**	**T4**	**T5**	**T2**	**T3**	**T4**	**T5**
180W	32,829 lm	34,072 lm	33,974 lm	32,846 lm	34,101 lm	34,747 lm	34,888 lm	34,311 lm	33,131 lm	34,514 lm	34,470 lm	33,355 lm
	182.4 lm/W	189.3 lm/W	188.7 lm/W	182.5 lm/W	189.5 lm/W	193.0 lm/W	193.8 lm/W	190.6 lm/W	184.1 lm/W	191.7 lm/W	191.5 lm/W	185.3 lm/W
240W	41,690 lm	43,938 lm	43,850 lm	41,931 lm	44,074 lm	45,380 lm	45,220 lm	44,265 lm	42,064 lm	44,354 lm	44,346 lm	42,345 lm
	173.7 lm/W	183.1 lm/W	182.7 lm/W	174.7 lm/W	183.6 lm/W	189.1 lm/W	188.4 lm/W	184.4 lm/W	175.3 lm/W	184.8 lm/W	184.8 lm/W	176.4 lm/W
300W	49,173 lm	52,619 lm	53,595 lm	49,712 lm	53,681 lm	55,463 lm	55,254 lm	54,215 lm	50,576 lm	54,027 lm	53,884 lm	50,930 lm
	163.9 lm/W	175.4 lm/W	178.7 lm/W	165.7 lm/W	178.9 lm/W	184.9 lm/W	184.2 lm/W	180.7 lm/W	168.6 lm/W	180.1 lm/W	179.6 lm/W	169.8 lm/W

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BUG Rating

Order #	Model #	Wattage	T2	T3	T4	T5
R53061	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BK	90W	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G2
R53062	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-WH	120W	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G2
R53063	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BRN	150W	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G2
R53064	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BK	180W	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G3
R53065	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-WH	240W	B3-U0-G3	B3-U0-G5	B3-U0-G5	B3-U0-G3
R53066	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BRN	300W	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G4

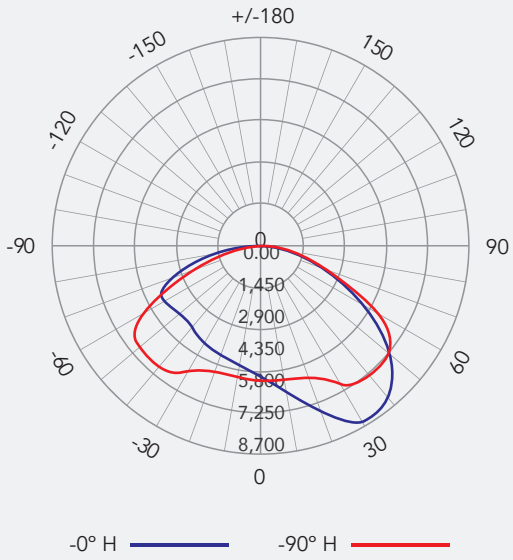
DLC Certification

Order #	Model #	Application	DLC Standard	DLC Premium
R53061	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BK	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-Z3XQPH
R53062	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-WH	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-Z3XQPH
R53063	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BRN	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-Z3XQPH
R53064	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BK	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-JBDTH7
R53065	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-WH	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-JBDTH7
R53066	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BRN	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-JBDTH7

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Photometrics

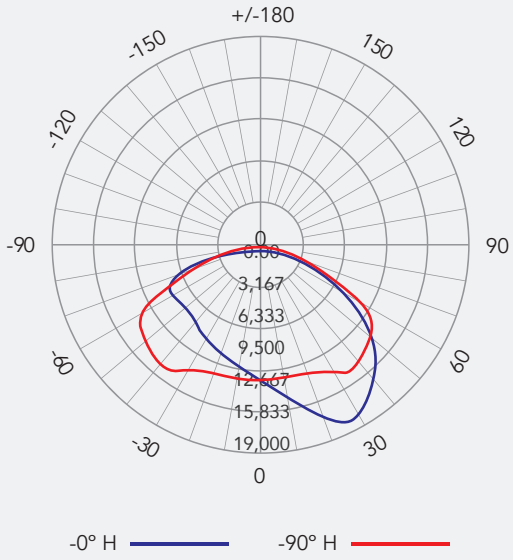
Aerolux R1 at 5000K (150W, T3 Optics)



Height	Center Beam (fc)	Beam Width (V/H)
4.0 ft	359.13 fc	16.0 ft / 16.9 ft
8.0 ft	89.78 fc	32.1 ft / 33.9 ft
12.0 ft	39.90 fc	48.1 ft / 50.8 ft
16.0 ft	22.45 fc	64.1 ft / 67.8 ft
20.0 ft	14.37 fc	80.1 ft / 84.7 ft

Vertical Spread: 126.9°
Horizontal Spread: 129.5°

Aerolux R2 at 5000K (300W, T3 Optics)



Height	Center Beam (fc)	Beam Width (V/H)
4.0 ft	771.50 fc	8.6 ft / 17.3 ft
8.0 ft	192.88 fc	17.3 ft / 34.7 ft
12.0 ft	85.72 fc	25.9 ft / 52.0 ft
16.0 ft	48.22 fc	34.5 ft / 69.3 ft
20.0 ft	30.86 fc	43.1 ft / 86.7 ft

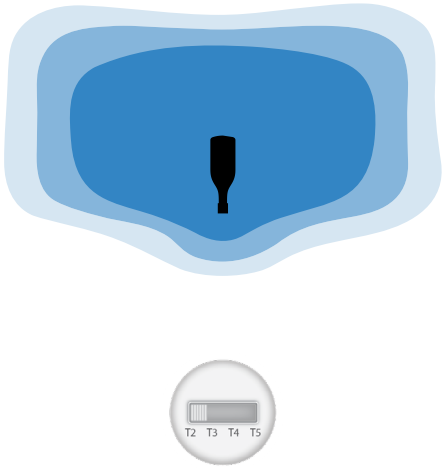
Vertical Spread: 94.3°
Horizontal Spread: 130.5°

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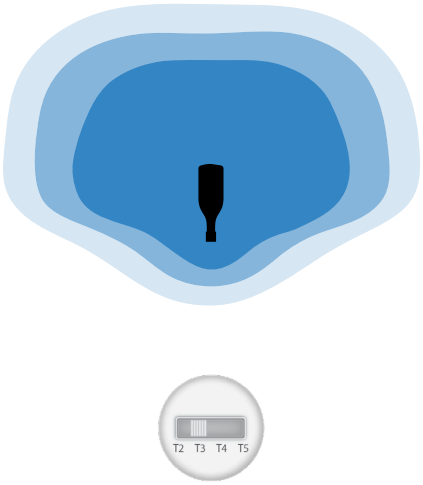
BeamFlex™

RENO Optical Technology Platform

BeamFlex™ is Reno Lighting's proprietary optical technology platform providing field-selectable beam distribution integrated within the luminaire. Beam angles are adjustable on site during installation or commissioning, eliminating the need for factory-specified fixed optics or post-installation optic replacement.



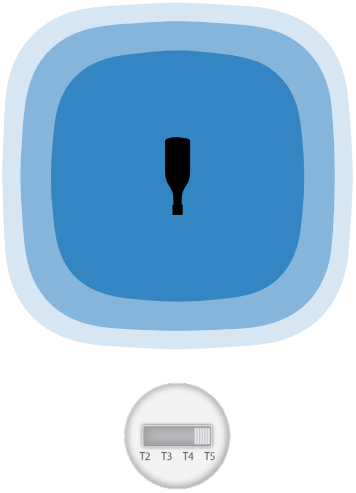
Type II (T2)
Light Distribution



Type III (T3)
Light Distribution



Type IV (T4)
Light Distribution

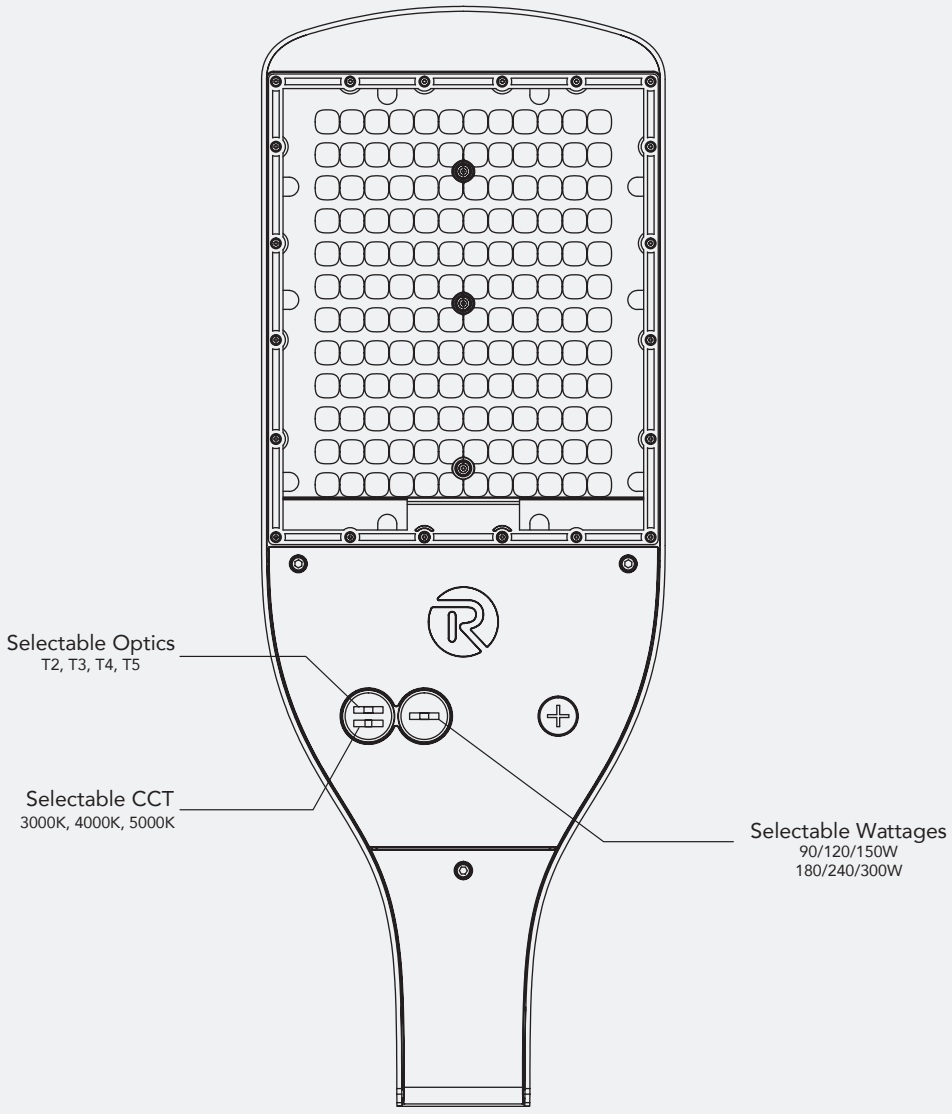


Type V (T5)
Light Distribution

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Field Settings

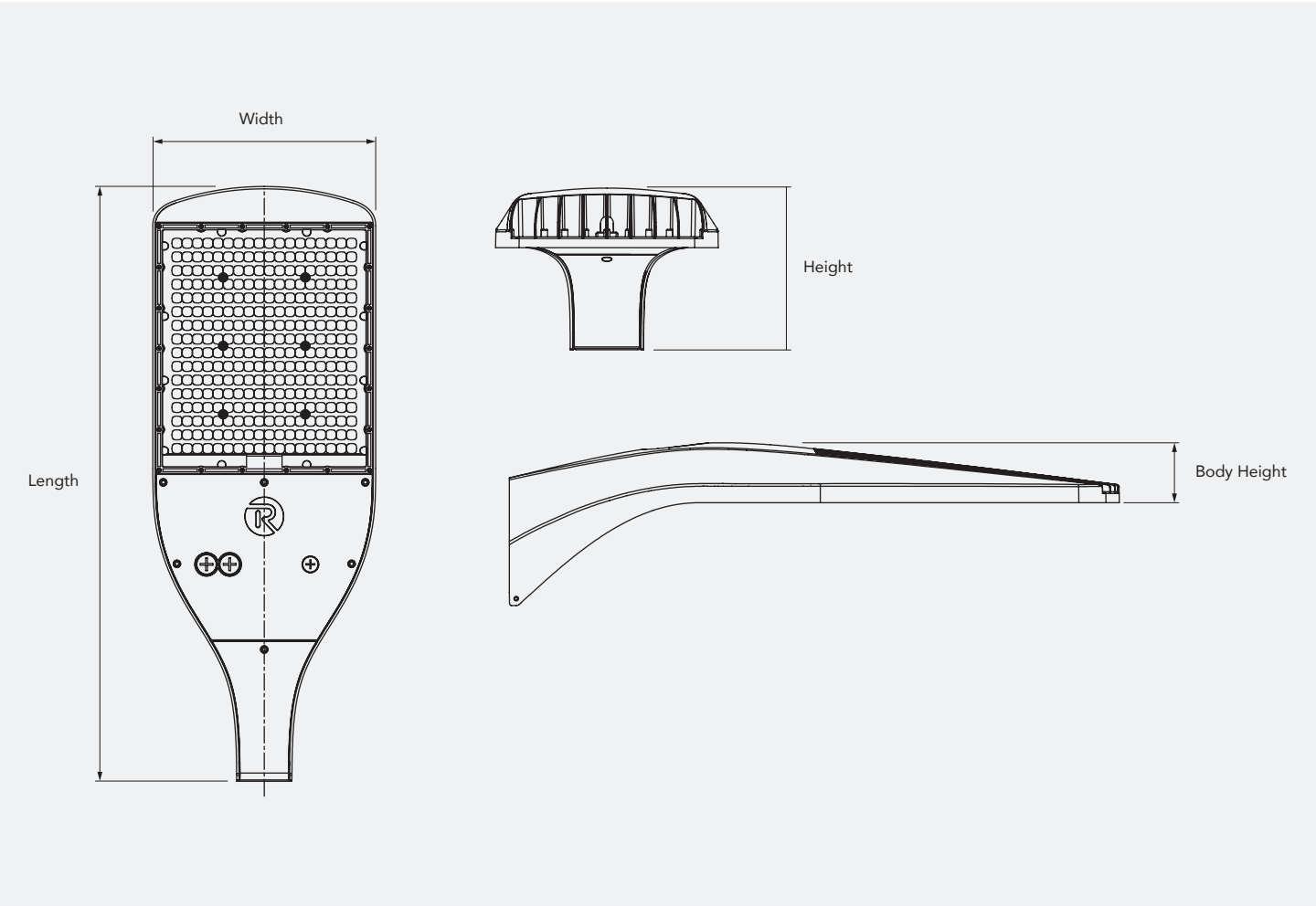
Selectable CCT | Optics | Wattages



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Dimensions

Aerolux Models: R1 | R2



	Aerolux R1	Aerolux R2
Length	26.25″ | 666.8 mm	34.212″ | 869.0 mm
Width	9.63″ | 244.6 mm	12.82″ | 325.5 mm
Height	7.05″ | 230.7 mm	9.65″ | 245.0 mm
Body Height	2.58″ | 65.4 mm	3.15″ | 80.0 mm

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Pole Mounting

Round | Square Options



Mounting on Square Pole
No adapter needed

Mounting on Round Pole
Adapter included in box

EPA Rating

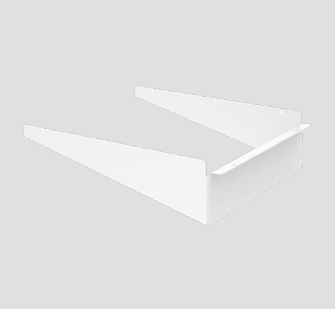
Model #	Tilt 0°	Tilt 45°	Tilt 90°
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-XXX	0.26	0.43	0.45
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-XXX	0.43	0.62	0.66

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Accessories
House-Side Shields



House-Side Shield (black)
R59017
RENO-AEROLUX-HSS-R1-BK



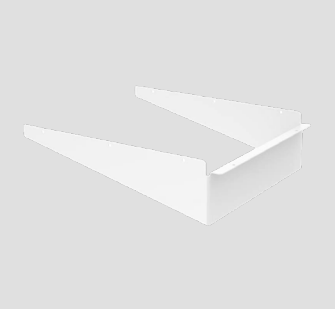
House-Side Shield (white)
R59018
RENO-AEROLUX-HSS-R1-WH



House-Side Shield (brown)
R59019
RENO-AEROLUX-HSS-R1-BRN



House-Side Shield (black)
R59027
RENO-AEROLUX-HSS-R2-BK



House-Side Shield (white)
R59028
RENO-AEROLUX-HSS-R2-WH



House-Side Shield (brown)
R59029
RENO-AEROLUX-HSS-R2-BRN

Order #	Model #	Description
R59017	RENO-AEROLUX-HSS-R1-BK	House-Side Shield for R1 | Black Finish
R59018	RENO-AEROLUX-HSS-R1-WH	House-Side Shield for R1 | White Finish
R59019	RENO-AEROLUX-HSS-R1-BRN	House-Side Shield for R1 | Brown Finish
R59027	RENO-AEROLUX-HSS-R2-BK	House-Side Shield for R2 | Black Finish
R59028	RENO-AEROLUX-HSS-R2-WH	House-Side Shield for R2 | White Finish
R59029	RENO-AEROLUX-HSS-R2-BRN	House-Side Shield for R1 | Brown Finish

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Accessories

Remotes and Standalone Sensors



Microwave Sensor
R71002
RENO-SENSOR-MW-H



Photocell Sensor
R72001
RENO-SENSOR-PC-S



Photocell Sensor (black)
R72002
RENO-SENSOR-PC-S-BK



Remote for Standalone Sensors
R73002
RENO-REMOTE-H



Remote for Standalone Sensors
R73005
RENO-REMOTE-H-ECO



Bluetooth PIR / Photocell Sensor
R75001
RENO-RS-JK-BPDN-12V



Bluetooth Microwave Sensor
R75002
RENO-RS-JK-BMWM-12V

Order #	Model #	Description
R71002	RENO-SENSOR-MW-H	Microwave Sensor
R72001	RENO-SENSOR-PC-S	Photocell Sensor
R72002	RENO-SENSOR-PC-S-BK	Photocell Sensor (black)
R73002	RENO-REMOTE-H	Remote Control for Standalone Sensors (With Screen) | Note: Only 1 needed per project
R73005	RENO-REMOTE-H-ECO	Remote Control for Standalone sensors (Without Screen) | Note: Only 1 needed per project
R75001	RENO-RS-JK-BPDN-12V	Bluetooth PIR/Photocell sensor
R75002	RENO-RS-JK-BMWM-12W	Bluetooth microwave sensor

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