

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.



## Product Features

- DLC premium (pending)
- 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

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

## Specifications

Order #	Model #	Voltage	Wattage	Lumens	Efficacy	CCT	Finish
<b>R53061</b>	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
<b>R53062</b>	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
<b>R53063</b>	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
<b>R53064</b>	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
<b>R53065</b>	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
<b>R53066</b>	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
<b>90W</b>	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
<b>120W</b>	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
<b>150W</b>	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
<b>180W</b>	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
<b>240W</b>	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
<b>300W</b>	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

## BUG Rating

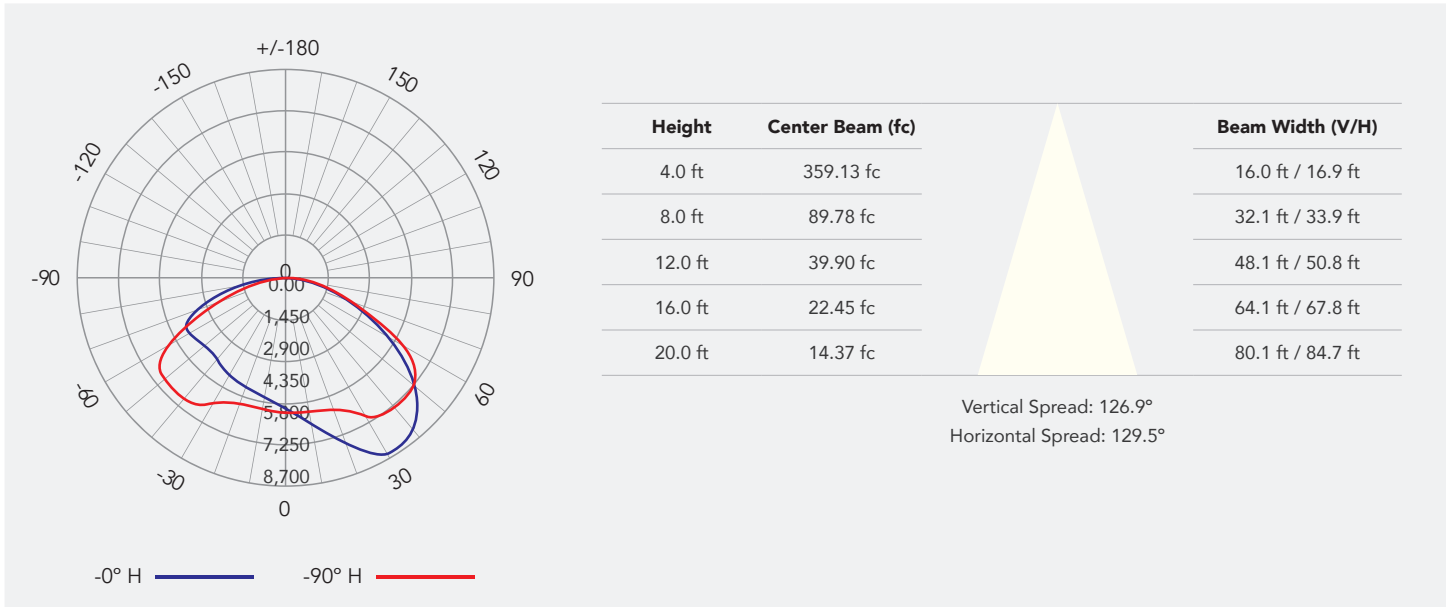
Order #	Model #	Wattage	T2	T3	T4	T5
<b>R53061</b>	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BK	90W	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G2
<b>R53062</b>	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-WH	120W	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G2
<b>R53063</b>	RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BRN	150W	B3-U0-G4	B3-U0-G4	B3-U0-G4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

## DLC Certification

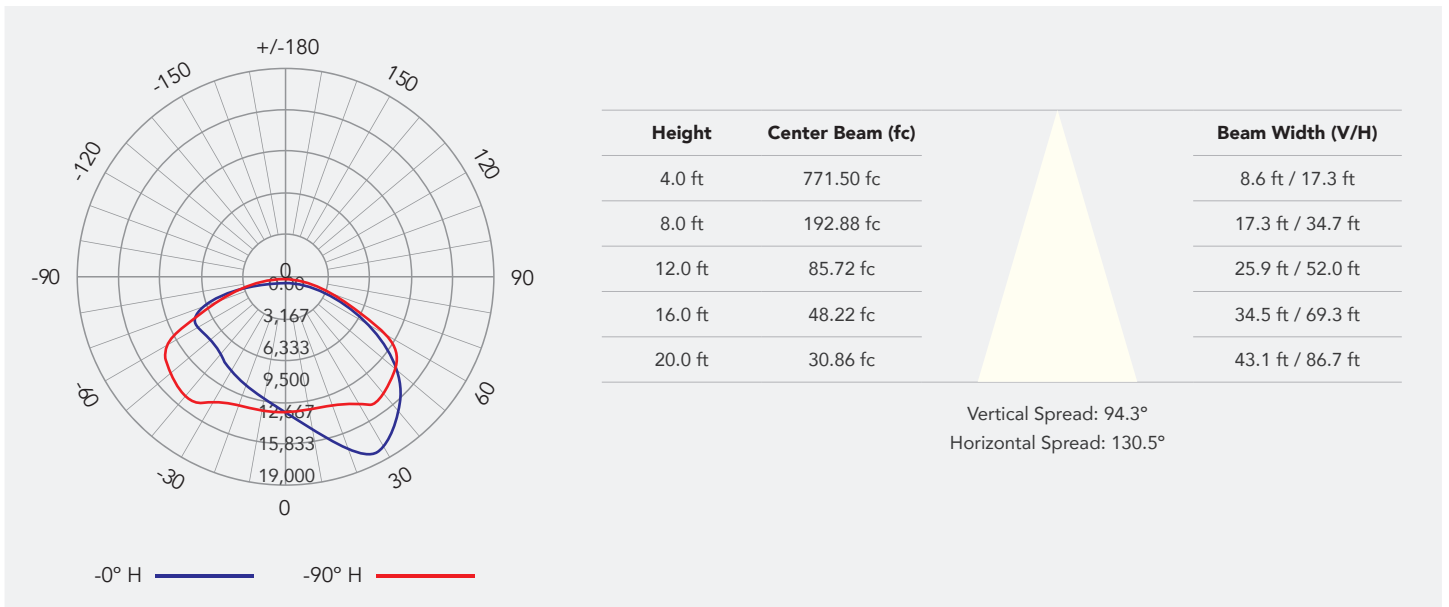
Model #	Application	DLC Standard	DLC Premium
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BK	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	-	Pending
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-WH	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	-	Pending
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R1-BRN	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	-	Pending
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BK	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	-	Pending
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-WH	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	-	Pending
RENO-AEROLUX-SB-MW-DV-MCCT-ABA-R2-BRN	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	-	Pending

## Photometrics

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



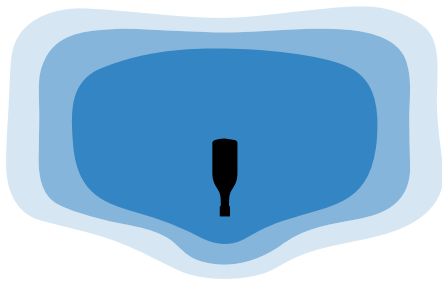
### Aerolux R2 at 5000K (300W, T3 Optics)



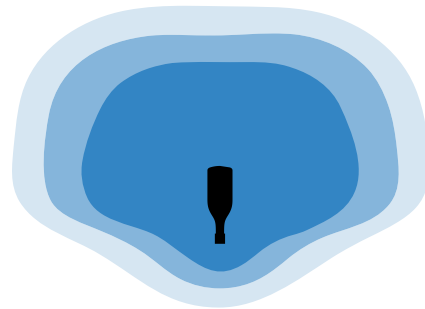
## BeamFlex™

### 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



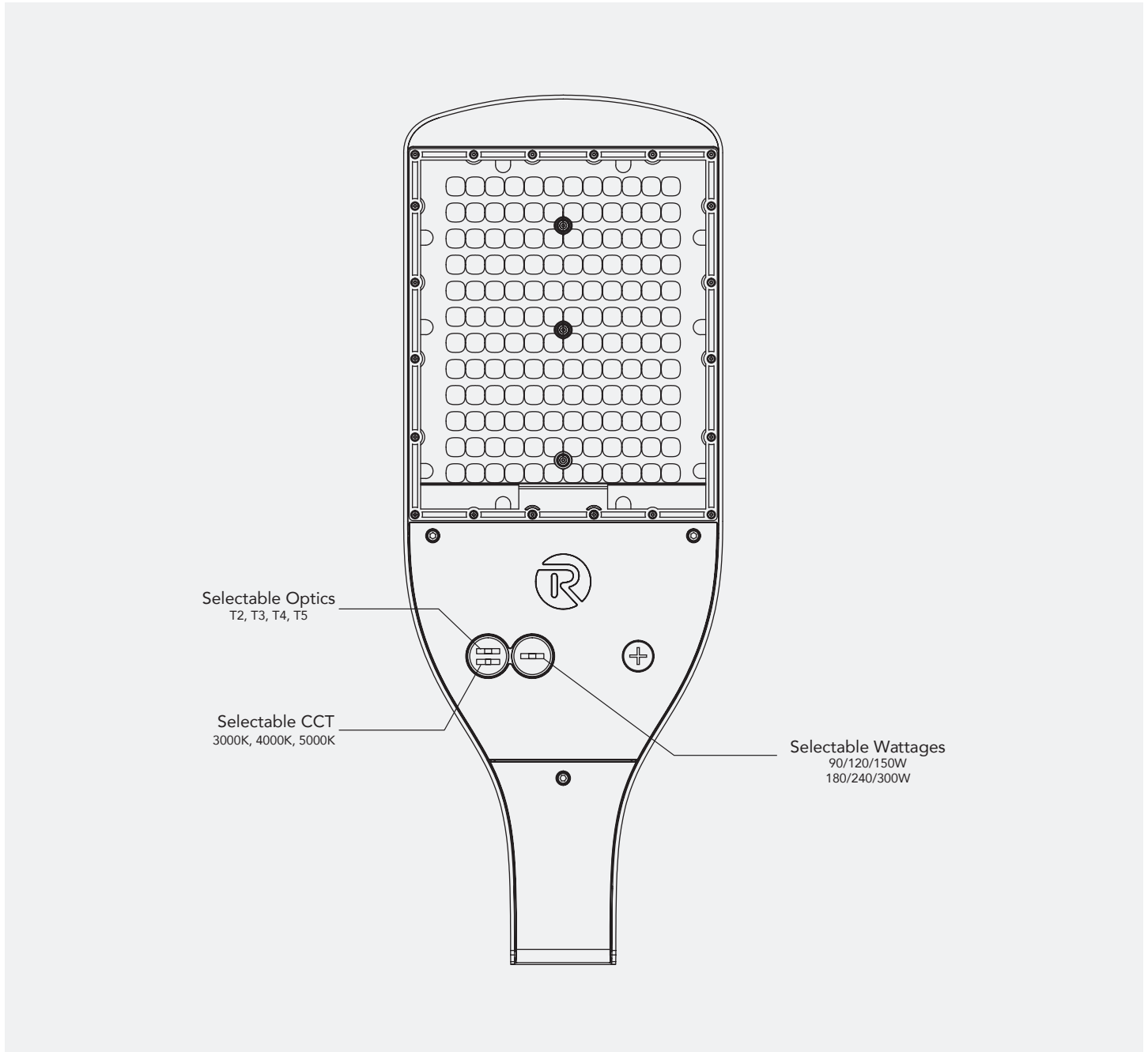
**Type IV (T4)**  
Light Distribution



**Type V (T5)**  
Light Distribution

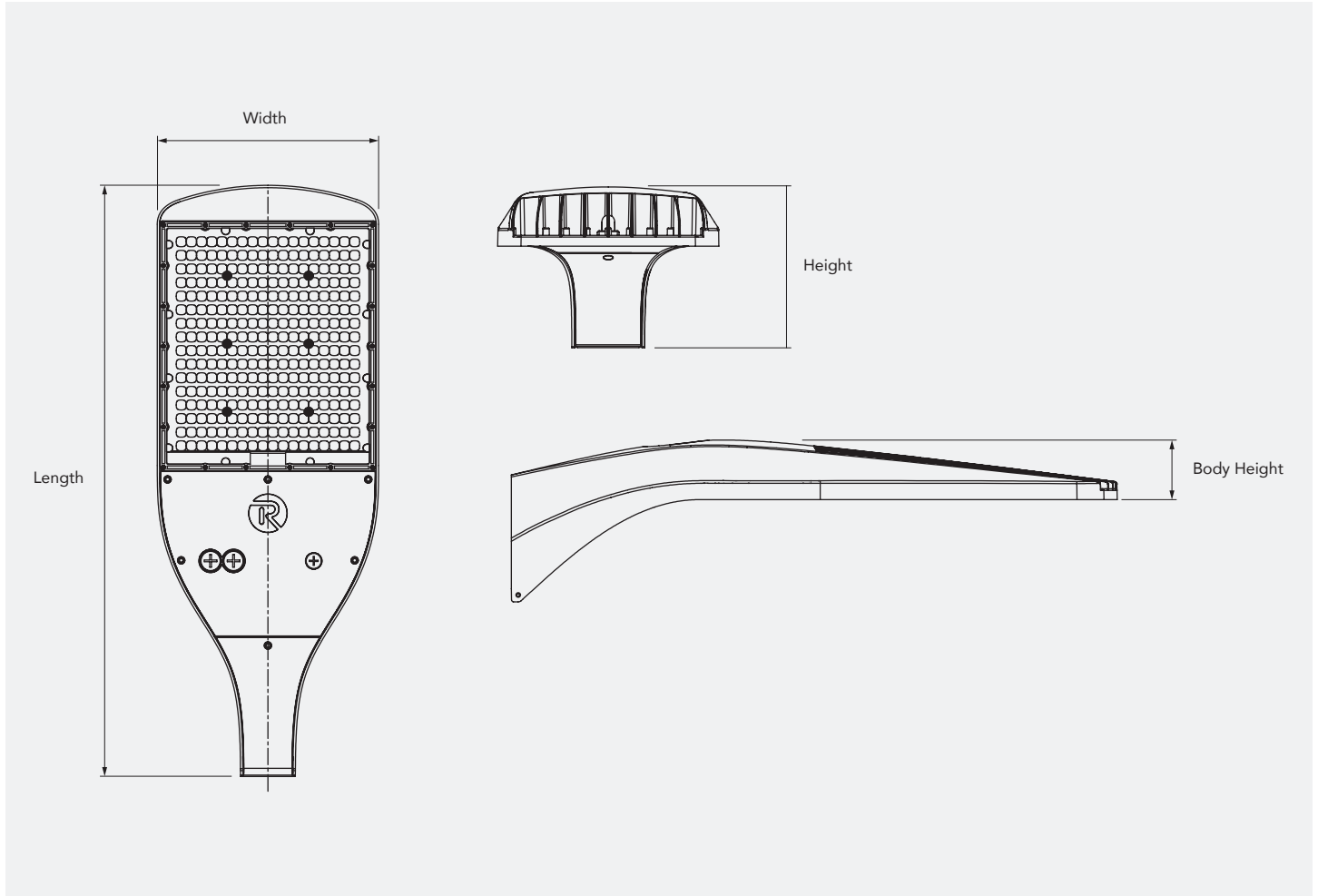
## Field Settings

Selectable CCT | Optics | Wattages



## Dimensions

Aerolux Models: R1 | R2



	Aerolux R1	Aerolux R2
<b>Length</b>	26.25"   666.8 mm	34.212"   869.0 mm
<b>Width</b>	9.63"   244.6 mm	12.82"   325.5 mm
<b>Height</b>	7.05"   230.7 mm	9.65"   245.0 mm
<b>Body Height</b>	2.58"   65.4 mm	3.15"   80.0 mm

## 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

## Accessories

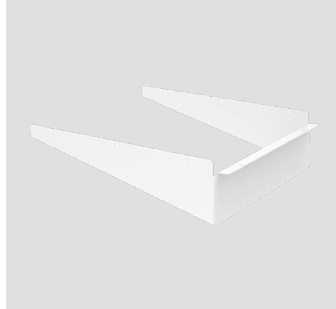
### House-Side Shields



**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

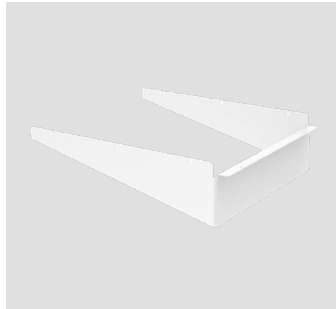
RENO-AEROLUX-HSS-R1-BRN



**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
<b>R59017</b>	RENO-AEROLUX-HSS-R1-BK	House-Side Shield for R1   Black Finish
<b>R59018</b>	RENO-AEROLUX-HSS-R1-WH	House-Side Shield for R1   White Finish
<b>R59019</b>	RENO-AEROLUX-HSS-R1-BRN	House-Side Shield for R1   Brown Finish
<b>R59027</b>	RENO-AEROLUX-HSS-R2-BK	House-Side Shield for R2   Black Finish
<b>R59028</b>	RENO-AEROLUX-HSS-R2-WH	House-Side Shield for R2   White Finish
<b>R59029</b>	RENO-AEROLUX-HSS-R2-BRN	House-Side Shield for R1   Brown Finish

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