Date		Project	
Type		Part Number	

PRIME ALL-IN-ONE PERFORMANCE LIGHTING

ARIES Series

LED Shoebox

The Aries Series PRIME LED Shoebox is is constructed with a durable, die-cast aluminum housing and PMMA optic lens (prevent yellowing) is the perfect lighting solution for your parking lot, street, walkway, building. Energy savings can be as much as 85% while eliminating maintenance costs in labor and lamp and ballast replacement.Designed for pole or wall-mounting with either an arm extension, slip fitter, U-bracket or trunnion mount.

DLC LISTED PREMIUM · RENO SMART · Intertek · MULTI POWER · MULTI CCT · IP65 · DUAL V 120-347V · DARK SKY APPROVED · 10 YEARS WARRANTY

PRODUCT FEATURES

- DLC Premium
- Dark Sky Rated When Selected 3K Only
- Type III Standard, Type II ,IV & V available
- Operating temperature: -40°F to +104°F (-40°C to +40°C)
- Rated Lifespan: L70 ~100,000 hrs
- 10kV surge protection
- Multi CCT & Wattage options available
- 10 year warranty

EMERGENCY BACKUP READY

RENO SMART NLC SYSTEM

STANDALONE SENSOR OPTIONS

KEY SPECIFICATIONS

Voltage	120-347V
Wattage	**Selectable - R1** - 40/60/80/100W **R2** - 100/120/135/150W **R3** - 180/200/220/240W **R4** - 240/280/300/320W **R5** - 320/350/400/450W
Color	Black or White (custom colors available)
Power Factor	>0.9
CCT	3000K, 4000K, 5000K
CRI	>80
Lumens	7600 – 40,000 lm
Beam Angle	120°
Dimming	Optional plug-In Dimming sensor
Mounting	Pole, Wall
Applications	Commercial, Outdoor Parking, Walkway

905-604-4666 | info@renolighting.com | www.renolighting.com
REV. 05/27/25

SPECIFICATIONS – R1 MULTI POWER (40/60/80/100W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53031	RENO-SB-100W-MW-DV-MCCT-G2-R1	40W	120-347V	7600.6 lm	190 lm/W	3000K
				7990.3 lm	199.8 lm/W	4000K
				8034.4 lm	200.9 lm/W	5000K
		60W	120-347V	11,027 lm	183.8 lm/W	3000K
				11,640 lm	194 lm/W	4000K
				11,546 lm	192.4 lm/W	5000K
		80W	120-347V	14,053 lm	175.7 lm/W	3000K
				14,954 lm	186.9 lm/W	4000K
				14,677 lm	183.5 lm/W	5000K
		100W	120-347V	16,189 lm	161.9 lm/W	3000K
				17,426 lm	174.3 lm/W	4000K
				17,060 lm	170.6 lm/W	5000K

*Note: Based on Type III Standard

SPECIFICATIONS – R2 MULTI POWER (100/120/135/150W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53032	RENO-SB-150W-MW-DV-MCCT-G2-R2	100W	120-347V	16,980 lm	169.8 lm/W	3000K
				18,298 lm	183 lm/W	4000K
				17,757 lm	177.6 lm/W	5000K
		120W	120-347V	19,615 lm	163.5 lm/W	3000K
				21,336 lm	177.8 lm/W	4000K
				20,474 lm	170.6 lm/W	5000K
		135W	120-347V	21,396 lm	158.5 lm/W	3000K
				23,681 lm	175.4 lm/W	4000K
				25,440 lm	188.4 lm/W	5000K
		150W	120-347V	23,732 lm	158.2 lm/W	3000K
				26,160 lm	174.4 lm/W	4000K
				25,118 lm	167.5 lm/W	5000K

*Note: Based on Type III Standard

SPECIFICATIONS – R2 MULTI POWER (100/120/135/150W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53042	RENO-SB-150W-MW-DV-MCCT-G2-R2-WH	100W	120-347V	16,980 lm	169.8 lm/W	3000K
				18,298 lm	183 lm/W	4000K
				17,757 lm	177.6 lm/W	5000K
		120W	120-347V	19,615 lm	163.5 lm/W	3000K
				21,336 lm	177.8 lm/W	4000K
				20,474 lm	170.6 lm/W	5000K
		135W	120-347V	21,396 lm	158.5 lm/W	3000K
				23,681 lm	175.4 lm/W	4000K
				25,440 lm	188.4 lm/W	5000K
		150W	120-347V	23,732 lm	158.2 lm/W	3000K
				26,160 lm	174.4 lm/W	4000K
				25,118 lm	167.5 lm/W	5000K

*Note: Based on Type III Standard

SPECIFICATIONS – R3 MULTI POWER (180/200/220/240W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53033	RENO-SB-240W-MW-DV-MCCT-G2-R3	180W	120-347V	29,321 lm	162.9 lm/W	3000K
				31,182 lm	173.2 lm/W	4000K
				30,267 lm	168.2 lm/W	5000K
		200W	120-347V	31,911 lm	159.6 lm/W	3000K
				34,697 lm	173.5 lm/W	4000K
				33,386 lm	166.9 lm/W	5000K
		220W	120-347V	34,464 lm	156.7 lm/W	3000K
				37,684 lm	171.3 lm/W	4000K
				36,259 lm	164.8 lm/W	5000K
		240W	120-347V	37,335 lm	155.6 lm/W	3000K
				41,080 lm	171.2 lm/W	4000K
				39,594 lm	165 lm/W	5000K

SPECIFICATIONS – R4 MULTI POWER (240/280/300/320W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53034	RENO-SB-240W-MW-DV-MCCT-G2-R4	240W	120-347V	39,315 lm	163.8 lm/W	3000K
				42,201 lm	175.8 lm/W	4000K
				41,542 lm	173.1 lm/W	5000K
		280W	120-347V	43,907 lm	156.8 lm/W	3000K
				48,098 lm	171.8 lm/W	4000K
				46,443 lm	165.9 lm/W	5000K
		300W	120-347V	46,287 lm	154.3 lm/W	3000K
				51,067 lm	170.2 lm/W	4000K
				48,875 lm	162.9 lm/W	5000K
		320W	120-347V	48,543 lm	151.7 lm/W	3000K
				53,869 lm	168.3 lm/W	4000K
				52,231 lm	163.2 lm/W	5000K

*Note: Based on Type III Standard

SPECIFICATIONS – R4 MULTI POWER (240/280/300/320W)

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53044	RENO-SB-240W-MW-DV-MCCT-G2-R4-WH	240W	120-347V	39,315 lm	163.8 lm/W	3000K
				42,201 lm	175.8 lm/W	4000K
				41,542 lm	173.1 lm/W	5000K
		280W	120-347V	43,907 lm	156.8 lm/W	3000K
				48,098 lm	171.8 lm/W	4000K
				46,443 lm	165.9 lm/W	5000K
		300W	120-347V	46,287 lm	154.3 lm/W	3000K
				51,067 lm	170.2 lm/W	4000K
				48,875 lm	162.9 lm/W	5000K
		320W	120-347V	48,543 lm	151.7 lm/W	3000K
				53,869 lm	168.3 lm/W	4000K
				52,231 lm	163.2 lm/W	5000K

*Note: Based on Type III Standard

SPECIFICATIONS – R5 MULTI POWER (320/350/400/450W)

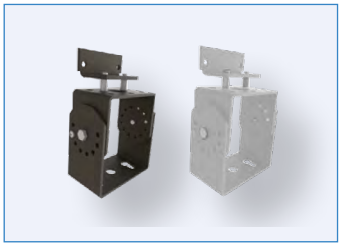
Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R53035	RENO-SB-450W-MW-DV-MCCT-G2-R5	320W	120-347V	51,020 lm	159.4 lm/W	3000K
				53,932 lm	168.5 lm/W	4000K
				51,476 lm	160.9 lm/W	5000K
		350W	120-347V	55,148 lm	157.6 lm/W	3000K
				58,920 lm	168.3 lm/W	4000K
				55,864 lm	159.6 lm/W	5000K
		400W	120-347V	60,903 lm	152.3 lm/W	3000K
				65,886 lm	164.7 lm/W	4000K
				62,151 lm	155.4 lm/W	5000K
		450W	120-347V	67,761 lm	150.6 lm/W	3000K
				73,252 lm	162.8 lm/W	4000K
				70,592 lm	156.9 lm/W	5000K

*Note: Based on Type III Standard

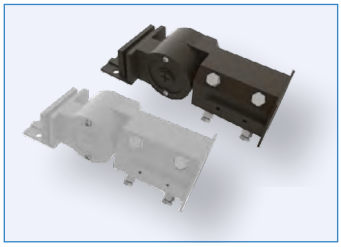
DLC CERTIFICATION

Order#	Model	Application	DLC Standard	DLC Premium
R53031	RENO-SB-100W-MW-DV-MCCT-G2-R1	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-FRLMB0
R53032	RENO-SB-150W-MW-DV-MCCT-G2-R2	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-5SDZWM
R53033	RENO-SB-240W-MW-DV-MCCT-G2-R3	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-21V76C
R53034	RENO-SB-320W-MW-DV-MCCT-G2-R4	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-HHK63W
R53035	RENO-SB-450W-MW-DV-MCCT-G2-R5	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-9FB3YJ
R53042	RENO-SB-150W-MW-DV-MCCT-G2-R2-WH	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-5SDZWM
R53044	RENO-SB-320W-MW-DV-MCCT-G2-R4-WH	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	–	S-HHK63W

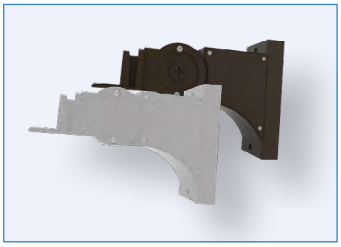
ACCESSORIES – MOUNTING



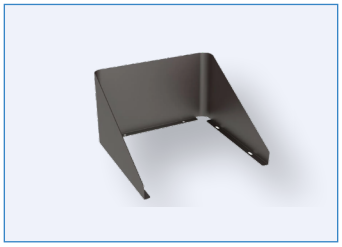
R59004
RENO-Trunnion-G3
R59014
RENO-Trunnion-G3-WH



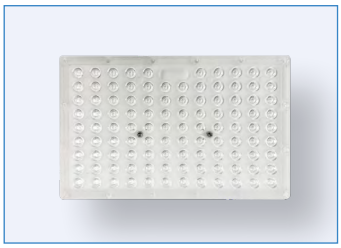
R59005
RENO-Slip Fitter-G3
R59015
RENO-Slip Fitter-G3-WH



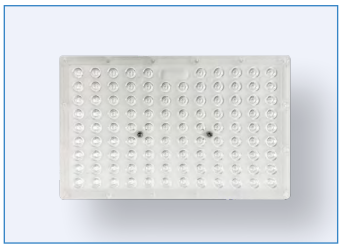
R59006
RENO-STRAIGHT ARM-G3
R59016
RENO-STRAIGHT ARM-G3-WH



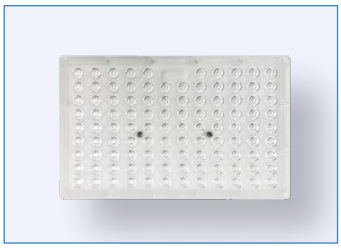
R59010
RENO-SB-SHIELD-R1/R2/R3/R4



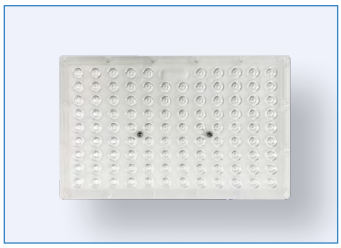
R59202
RENO-SB-TYPE-II-R1/R2



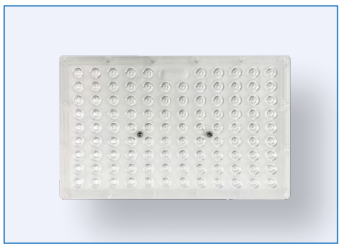
R59203
RENO-SB-TYPE-II-R3/R4/R5



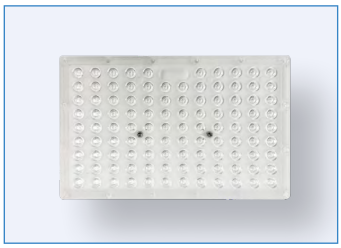
R59204
RENO-SB-TYPE-IV-R1/R2



R59205
RENO-SB-TYPE-IV-R3/R4/R5



R59206
RENO-SB-TYPE-V-R1/R2



R59207
RENO-SB-TYPE-V-R3/R4/R5

Order#	Model	Description
R59004	RENO-Trunnion-G3	Center U Bracket for Shoebox G3
R59005	RENO-Slip Fitter-G3	Connection Slip Fitter for Shoebox G3
R59006	RENO-STRAIGHT ARM-G3	Connection Straight Arm mount for Shoebox G3
R59010	RENO-SB-SHIELD-R1/R2/R3/R4	Shoebox Shield Front Shield - 1pc required Back Shield - 1pc required Front & Back Shield - 2pcs required
R59014	RENO-Trunnion-G3-WH	Center U Bracket for Shoebox G3
R59015	RENO-Slip Fitter-G3-WH	Connection Slip Fitter for Shoebox G3
R59016	RENO-STRAIGHT ARM-G3-WH	Connection Straight Arm mount for Shoebox G3
R39202	RENO-SB-TYPE-II-R1/R2	Distribution Optics lens for R1/R2 Shoebox
R59203	RENO-SB-TYPE-II-R3/R4/R5	Distribution Optics lens for R3/R4/R5 Shoebox (2pcs)
R59204	RENO-SB-TYPE-IV-R1/R2	Distribution Optics Lens for R1/R2 Shoebox
R59205	RENO-SB-TYPE-IV-R3/R4/R5	Distribution Optics lens for R3/R4/R5 Shoebox (2pcs)
R59206	RENO-SB-TYPE-V-R1/R2	Distribution Optics Lens for R1/R2 Shoebox
R59207	RENO-SB-TYPE-V-R3/R4/R5	Distribution Optics lens for R3/R4/R5 Shoebox (2pcs)

ACCESSORIES – RENO SMART NLC SENSORS

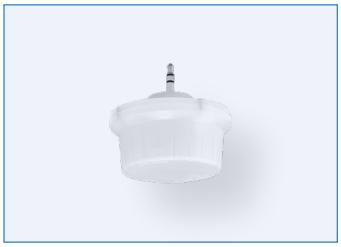
Slip Fitter Mount

Straight Arm Pole Mount

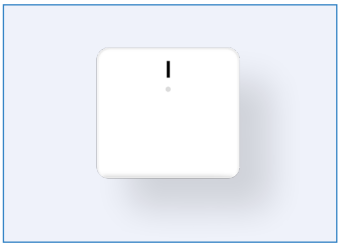
Trunnion Mount

ACCESSORIES – RENO SMART NLC SENSORS

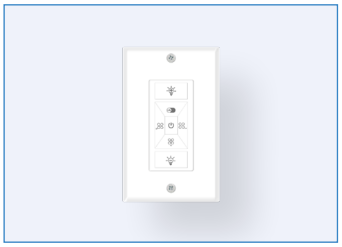
R75001
RENO-RS-JK-BPDN-12V
Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System



R75002
RENO-RS-JK-BMWM-12V
Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System



R75201
RENO-RS-GW-BCNW
Ceiling Mounted Gateway for RENO Smart NLC System

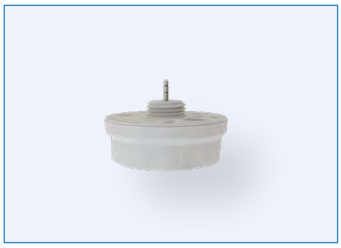


R75302
RENO-RS-RC-BNNG
7-Key Smart Wall Switch for RENO Smart NLC System

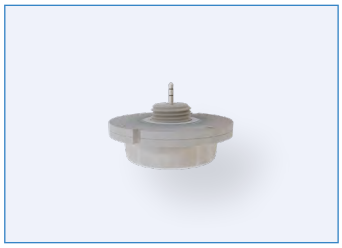
R75301
RENO-RS-RC-BNNN
5-Key Reset Remote Controller

Order#	Model	Description
R75001	RENO-RS-JK-BPDN-12V	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	RENO-RS-JK-BMWM-12V	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	RENO-RS-GW-BCNW	Ceiling Mounted Gateway for RENO Smart NLC System
R75302	RENO-RS-RC-BNNG	7-Key Smart Wall Switch for RENO Smart NLC System
R75301	RENO-RS-RC-BNNN	5-Key Reset Remote Controller

ACCESSORIES – STANDALONE SENSOR & REMOTES



R71002
RENO-SENSOR-MW-H
Bi-level dim sensor for linear Highbays



R72001
RENO-SENSOR-PC-S
Photocell Sensor

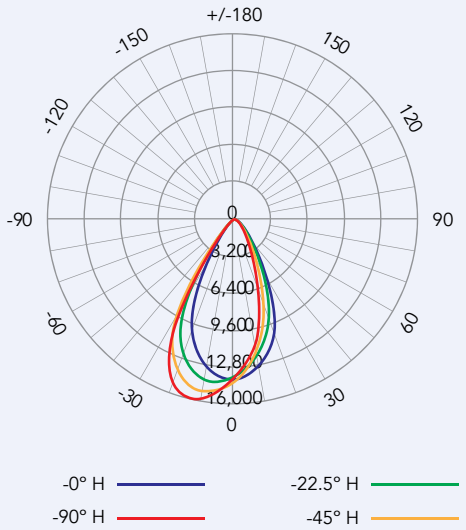
R73002
RENO-REMOTE-H
Controller for bi-level sensor (with screen)

R73005
RENO-REMOTE-H-ECO
Remote controllerfor Highbays (without screen)

Order#	Model	Description
R71002	RENO-SENSOR-MW-H	Bi-level dim sensor for linear Highbays
R72001	RENO-SENSOR-PC-S	Photocell sensor
R73002	RENO-REMOTE-H	Controller for bi-level sensor (with screen)
R73005	RENO-REMOTE-H-ECO	Remote (without screen)

PHOTOMETRICS

LUMINOUS INTENSITY DISTRIBUTION



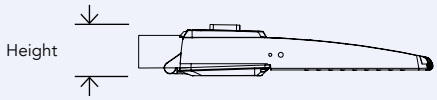
ILLUMINANCE AT A DISTANCE

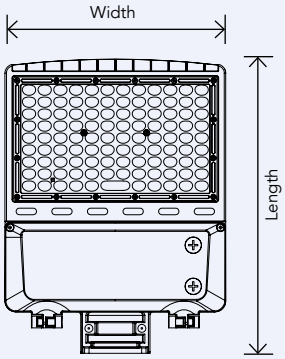
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	863.0 fc	4.2 / 3.7 ft
8.0 ft	215.8 fc	8.3 / 7.4 ft
12.0 ft	95.9 fc	12.5 / 11.1 ft
16.0 ft	53.9 fc	16.7 / 14.8 ft
20.0 ft	34.5 fc	20.8 / 18.5 ft

Vertical Spread: 55.0° | Horizontal Spread: 49.7°

DIMENSIONS

R1/R2

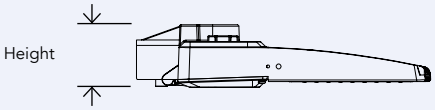


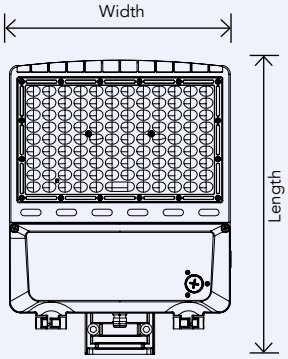


Width: 12″ (304.9 mm)
Height: 2.7″ (69.6 mm)
Length: 15.9″ (404.7 mm)

Weight: x lbs (x kg)

R2

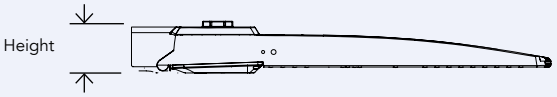


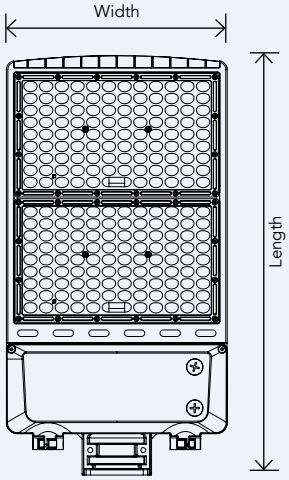


Width: 12″ (304.9 mm)
Height: 3.4″ (86 mm)
Length: 15.9″ (404.7 mm)

Weight: x lbs (x kg)

R4

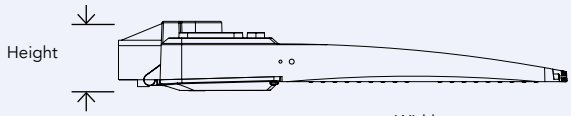


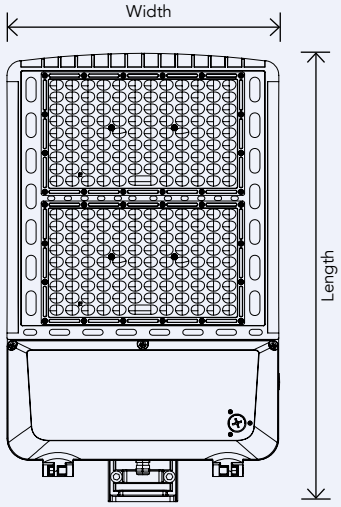


Width: 12″ (304.9 mm)
Height: 2.8″ (71 mm)
Length: 22.7″ (577.2 mm)

Weight: x lbs (x kg)

R5





Width: 14.8″ (375.2 mm)
Height: 3.7″ (50.8 mm)
Length: 24.3″ (617 mm)

Weight: x lbs (x kg)