



LL-RWE

Roadway Elite

The LITELUME™ Roadway Elite (LL-RWE) Features a heavy duty die-cast aluminum housing, outstanding corrosion protection, uncompromising optical performance and un-matched versatility for a wide variety of area and roadway applications. First class performance, field selectable light output with a removable door entry, terminal block power set up, industry leading surge protection options, superior lumen maintenance within a robust slim design.



PERFORMANCE DATA

Lumen Output	7100 - 46200 lm
Lumens Per Watt (typical)	175 lm/W
CCT	3000K 4000K 5000K
Lifespan	Features Ultra Efficient Driver with up to 102,000 running hours

RATINGS & CERTIFICATES

TAA • IP66 • UL Listed
Wet Location • 3G Vibration

APPLICATIONS

Municipality • Parking Lot • Roadways
Multi-family • Community and General
Site Illumination

FIXTURE INFORMATION

Size	Housing	Finish	Lens	Mounting			Controls		
101W -301W	Die-Cast Aluminum	Protective Powder Coat	Polycarbonate	Wide Range Mounting Slides Over to Fit 1 5/8" - 2 3/8" OD			Standard: NEMA 3 PIN Twist Lock Photocell * See Accessories for More Options		
Voltage	Dimming		Surge Protection		PF	THD	CRI	Distribution	Warranty
• 120-277V • 277-480V	Standard: 0-10V 100% - 10%		• 10kVA 120-277V • 20kVA 277-480V		.90	<20%	80	Type 2 Type 3 Type 4	10 Year



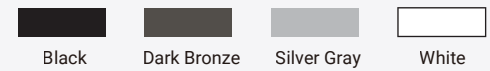
FEATURES

Twist-Lock Photocell Receptacles

Standard 3-pin with optional 7-pin NEMA twist-lock photocell receptacles: secure, reliable connections that simplify installation and ensure compatibility.

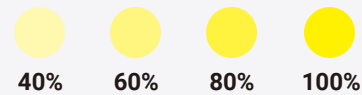
Finish

Available in black, dark bronze, gray, white, or custom.



Wattage Selectable

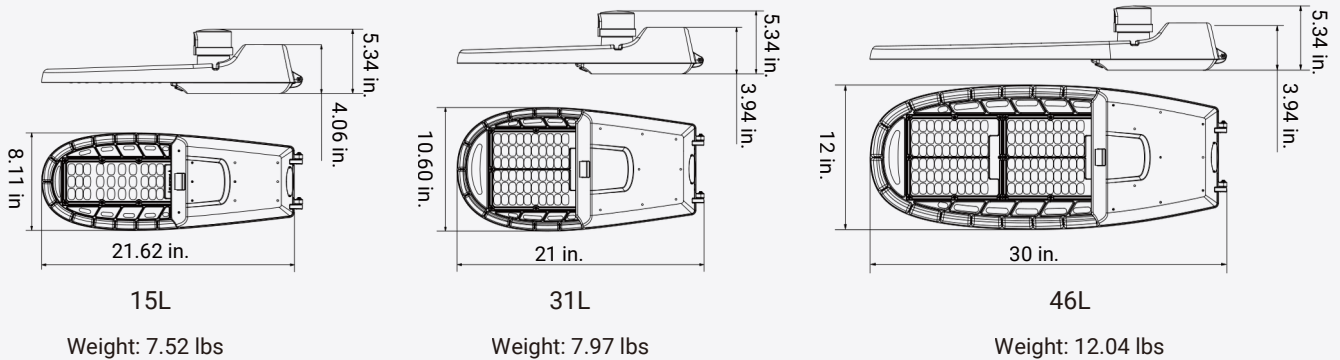
Each model supports 4 positions wattage regulation: 100% / 80% / 60% / 40%



Plug & Play Sensor

3-second quick installation, plus energy-saving performance.

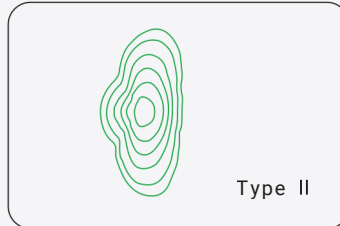
DIMENSIONS





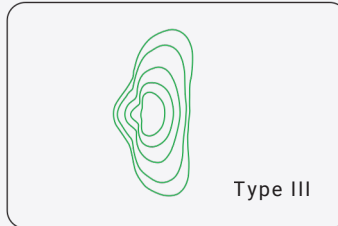
PHOTOMETRICS

LITELUME™ offers a complete set of optical systems to meet every site lighting requirement. These systems provide remarkable flexibility in precisely matching light distribution patterns to specific site requirements.



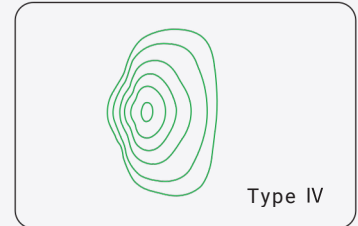
Type II

Type 2 optics creates an asymmetric distribution working well in walkway and roadway applications where more light is required "street side" than "house side".



Type III

Type 3 optics produces an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.



Type IV

Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.

PERFORMANCE DATA

LL-RWE-15L

Setting	Watts	Distribution	CRI	3000K		4000K		5000K		EPA
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	
100%	101W	Type 2 Type 3 Type 4	80	15000	149	15500	154	15500	154	0.4261
80%	81W		80	12500	154	12800	158	12800	158	0.4261
60%	61W		80	9900	162	10200	167	10200	167	0.4261
40%	41W		80	7100	173	7400	180	7400	180	0.4261

LL-RWE-31L

Setting	Watts	Distribution	CRI	3000K		4000K		5000K		EPA
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	
100%	201W	Type 2 Type 3 Type 4	80	29800	148	31000	154	31000	154	0.5485
80%	161W		80	24500	152	25600	159	25600	159	0.5485
60%	121W		80	19700	163	20500	169	20500	169	0.5485
40%	81W		80	14000	173	14700	182	14700	182	0.5485



PERFORMANCE DATA

LL-RWE-46L

Setting	Watts	Distribution	CRI	3000K		4000K		5000K		EPA
				LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	
100%	301W	Type 2 Type 3 Type 4	80	44500	148	46200	153	46200	153	0.7845
80%	241W		80	37000	154	37800	157	37800	157	0.7845
60%	181W		80	29700	164	30400	168	30400	168	0.7845
40%	121W		80	21000	174	21800	180	21800	180	0.7845

PREDICTED LUMEN DEPRECIATION DATA

Ambient Temperature	Calculated L70 hours	Calculated L90 hours	Lumen Maintenance % at 50,000 hrs	Lumen Maintenance % at 10,000 hrs
25°C	>102,000 hrs	>53,000 hrs	>90.59%	>81.89%

Calculated per IESNA TM21-21.

BUG

Size	Watts	Distribution	B	U	G
Small (15L)	101W	Type 2	2	0	2
		Type 3	2	0	2
		Type 4	3	0	3
Medium (31L)	201W	Type 2	3	0	3
		Type 3	3	0	3
		Type 4	3	0	4
Large (46L)	301W	Type 2	4	0	4
		Type 3	4	0	4
		Type 4	4	0	5



ELECTRICAL DATA

Number of Drivers	Driver Output Current (mA)	Nominal Power (W)	Input Voltage (V)	Input Current (Amps)
1	750	101	120	0.84
			208	0.49
			240	0.42
			277	0.36
			347	0.29
			480	0.21
1	760	201	120	1.68
			208	0.97
			240	0.84
			277	0.73
			347	0.58
			480	0.42
1	1190	301	120	2.51
			208	1.45
			240	1.25
			277	1.09
			347	0.87
			480	0.63



Roadway Elite

PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand	Fixture Type	Lumen Package	Voltage
LL LITELUME	RWE Roadway Elite	15L 15000 Lumens 31L 31000 Lumens 46L 46000 Lumens	UNV 120-277V HV 277-480V
CCT	Power	Distribution	Finish
30 3000K 40 4000K 50 5000K	SP Selectable Power	T2 Type 2 T3 Type 3 T4 Type 4	GY Gray BZ Bronze BK Black WH White CUS Custom

Accessories

TLPC NEMA 3 Pin Twist Lock Photocell *
ANT-5-4B Sharkward Base Plug and Play Ready
ANT-6-4T Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor **
RC-100 Remote Control 100
R7 Twist Lock Receptacle 7 Pin
7TLPC NEMA 7 Pin Twist Lock Photocell
TLPCSC Twist Lock Photocell Shorting Cap

* Standard

** Must Order ANT-5-4B



FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage	Distribution
LL-RWE-15L-UNV-50-SP-T2-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	5000	120-277	T2
LL-RWE-15L-UNV-40-SP-T2-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	4000	120-277	T2
LL-RWE-15L-UNV-30-SP-T2-GY-TLPC	41W / 61W / 81W / 101W	7100/9900/12500/15000	3000	120-277	T2
LL-RWE-15L-UNV-50-SP-T3-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	5000	120-277	T3
LL-RWE-15L-UNV-40-SP-T3-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	4000	120-277	T3
LL-RWE-15L-UNV-30-SP-T3-GY-TLPC	41W / 61W / 81W / 101W	7100/9900/12500/15000	3000	120-277	T3
LL-RWE-15L-UNV-50-SP-T4-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	5000	120-277	T4
LL-RWE-15L-UNV-40-SP-T4-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	4000	120-277	T4
LL-RWE-15L-UNV-30-SP-T4-GY-TLPC	41W / 61W / 81W / 101W	7100/9900/12500/15000	3000	120-277	T4
LL-RWE-31L-UNV-50-SP-T2-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	5000	120-277	T2
LL-RWE-31L-UNV-40-SP-T2-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	4000	120-277	T2
LL-RWE-31L-UNV-30-SP-T2-GY-TLPC	81W / 121W / 161W / 201W	14000/19700/24500/29800	3000	120-277	T2
LL-RWE-31L-UNV-50-SP-T3-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	5000	120-277	T3
LL-RWE-31L-UNV-40-SP-T3-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	4000	120-277	T3
LL-RWE-31L-UNV-30-SP-T3-GY-TLPC	81W / 121W / 161W / 201W	14000/19700/24500/29800	3000	120-277	T3
LL-RWE-31L-UNV-50-SP-T4-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	5000	120-277	T4
LL-RWE-31L-UNV-40-SP-T4-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	4000	120-277	T4
LL-RWE-31L-UNV-30-SP-T4-GY-TLPC	81W / 121W / 161W / 201W	14000/19700/24500/29800	3000	120-277	T4
LL-RWE-46L-UNV-50-SP-T2-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	5000	120-277	T2
LL-RWE-46L-UNV-40-SP-T2-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	4000	120-277	T2
LL-RWE-46L-UNV-30-SP-T2-GY-TLPC	121W / 181W / 241W / 301W	21000/29700/37000/44500	3000	120-277	T2
LL-RWE-46L-UNV-50-SP-T3-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	5000	120-277	T3
LL-RWE-46L-UNV-40-SP-T3-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	4000	120-277	T3



FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage	Distribution
LL-RWE-46L-UNV-30-SP-T3-GY-TLPC	121W / 181W / 241W / 301W	21000/29700/37000/44500	3000	120-277	T3
LL-RWE-46L-UNV-50-SP-T4-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	5000	120-277	T4
LL-RWE-46L-UNV-40-SP-T4-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	4000	120-277	T4
LL-RWE-46L-UNV-30-SP-T4-GY-TLPC	121W / 181W / 241W / 301W	21000/29700/37000/44500	3000	120-277	T4
LL-RWE-15L-HV-50-SP-T2-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	5000	277-480	T2
LL-RWE-15L-HV-40-SP-T2-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	4000	277-480	T2
LL-RWE-15L-HV-30-SP-T2-GY-TLPC	41W / 61W / 81W / 101W	7100/9900/12500/15000	3000	277-480	T2
LL-RWE-15L-HV-50-SP-T3-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	5000	277-480	T3
LL-RWE-15L-HV-40-SP-T3-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	4000	277-480	T3
LL-RWE-15L-HV-30-SP-T3-GY-TLPC	41W / 61W / 81W / 101W	7100/9900/12500/15000	3000	277-480	T3
LL-RWE-15L-HV-50-SP-T4-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	5000	277-480	T4
LL-RWE-15L-HV-40-SP-T4-GY-TLPC	41W / 61W / 81W / 101W	7400/10200/12800/15500	4000	277-480	T4
LL-RWE-15L-HV-30-SP-T4-GY-TLPC	41W / 61W / 81W / 101W	7100/9900/12500/15000	3000	277-480	T4
LL-RWE-31L-HV-50-SP-T2-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	5000	277-480	T2
LL-RWE-31L-HV-40-SP-T2-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	4000	277-480	T2
LL-RWE-31L-HV-30-SP-T2-GY-TLPC	81W / 121W / 161W / 201W	14000/19700/24500/29800	3000	277-480	T2
LL-RWE-31L-HV-50-SP-T3-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	5000	277-480	T3
LL-RWE-31L-HV-40-SP-T3-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	4000	277-480	T3
LL-RWE-31L-HV-30-SP-T3-GY-TLPC	81W / 121W / 161W / 201W	14000/19700/24500/29800	3000	277-480	T3
LL-RWE-31L-HV-50-SP-T4-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	5000	277-480	T4
LL-RWE-31L-HV-40-SP-T4-GY-TLPC	81W / 121W / 161W / 201W	14700/20500/25600/31000	4000	277-480	T4
LL-RWE-31L-HV-30-SP-T4-GY-TLPC	81W / 121W / 161W / 201W	14000/19700/24500/29800	3000	277-480	T4
LL-RWE-46L-HV-50-SP-T2-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	5000	277-480	T2



FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage	Distribution
LL-RWE-46L-HV-40-SP-T2-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	4000	277-480	T2
LL-RWE-46L-HV-30-SP-T2-GY-TLPC	121W / 181W / 241W / 301W	21000/29700/37000/44500	3000	277-480	T2
LL-RWE-46L-HV-50-SP-T3-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	5000	277-480	T3
LL-RWE-46L-HV-40-SP-T3-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	4000	277-480	T3
LL-RWE-46L-HV-30-SP-T3-GY-TLPC	121W / 181W / 241W / 301W	21000/29700/37000/44500	3000	277-480	T3
LL-RWE-46L-HV-50-SP-T4-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	5000	277-480	T4
LL-RWE-46L-HV-40-SP-T4-GY-TLPC	121W / 181W / 241W / 301W	21800/30400/37800/46200	4000	277-480	T4
LL-RWE-46L-HV-30-SP-T4-GY-TLPC	121W / 181W / 241W / 301W	21000/29700/37000/44500	3000	277-480	T4



ACCESSORIES ORDERING INFORMATION

Part #	Description
ANT-5-4B	Sharkward Base Plug and Play Ready
ANT-6-4T	Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor Must Order ANT-5-4B
RC-100	Remote Control 100
R7	Twist Lock Receptacle 7 Pin
7TLPC	NEMA 7 Pin Twist Lock Photocell
TLPCSC	Twist Lock Photocell Shorting Cap