

## TL-RTL Roadway Luminaires

### Features and Benefits

- 106-155 Watt Low Power and High Performance
- Application – High performance, energy-efficient, solid-state luminaire for roadway lighting applications. Lighting performance equivalent to 150-400 watt HID (high intensity discharge) luminaires with 50%+ energy savings.
- cETLus listed to applicable UL standards. DLC (DesignLights™ Consortium) qualified, and Lighting Facts® listed. IP66 rated. Suitable for ambient temperatures from -40 °C to 40 °C (-40 °F to 104 °F). RoHS (Restriction of Hazardous Substances) compliant. Salt Fog testing conforms to ASTM Designation B117.
- Certified IP66, IP65
- 5 Year Warranty\*



Example: TL-RTL47421SN

Model Designator:	LED Quantity:	Drive Current:	CCT:	Distribution:	Voltage:	Housing Color:**	Photocell:	Options:
TL-RTL	4 = 48 6 = 60 7 = 72	7 = 700mA	4 = 4000K 6 = 5700K	2 = Type II 3 = Type III 4 = Type IV 5 = Type V	1 = 120V-277V	S = Silver R = Bronze	0 = None P = Digital *** N = NEMA Receptacle R = NEMA Photocell	B = Bubble Leveler D = Dimming (0-10vdc)

Note: Lumen output is rounded.

Model:	Drive Current (mA):	Input Watts:	Input Current (A):			Distribution Type:	4000K		5700K	
			120V	240V	277V		Lumens	Efficacy (LPW)	Lumens	Efficacy (LPW)
48 LEDs	700	106	0.88	0.44	0.38	II	9,900	93	10,100	95
						III	9,600	91	9,900	93
						IV	9,550	90	9,800	92
						V	9,500	90	9,700	92
60 LEDs	700	133	1.11	0.55	0.48	II	12,100	91	12,400	93
						III	12,000	90	12,200	92
						IV	12,000	90	12,100	91
						V	11,700	88	12,000	90
72 LEDs	700	155	1.29	0.65	0.56	II	14,400	93	14,600	94
						III	14,500	94	14,900	96
						IV	14,500	94	14,800	95
						V	14,100	91	14,500	94

**TLS-TL-RTLM:**  
 EPA: 0.95sq ft  
 Length: 27.5in  
 Width: 10.2in  
 Height: 5.0in  
 Weight: 27lbs

\* For warranty terms please visit our website Trans-Lux.com

\*\* Longer lead times may apply for Bronze.

\*\*\* Integral photocells provide on-board lighting controls and have a rated life of more than 15 years, eliminating the need for frequent replacement of traditional, NEMA receptacle photo cells. Long operational life is provided by a set of four redundant photocells, which provide a fail-safe back-up if one or more photocells fail to operate. Standard programming provides 30% and 70% dimming based on ambient light levels.



Certifications:  
RoHS, ETL Listed



Trans-Lux Energy Corporation  
 300 N Elizabeth St Suite 610c  
 Chicago, IL 60607  
 800.559.8197 • www.Trans-Lux.com

## TL-RTL Roadway Luminaires

Part Number:	Replaces:	Wattage:	Dist. Type:	No. of LEDs	Lumens:	Life Hours:	Voltage:
TLSRTLS23xxxxx	70W	27	II	24	2800-3050	100,000	120-480 VAC
TLSRTLS27xxxxx	150W	55	II	24	4700-5200	100,000	120-480 VAC
TLSRTLS33xxxxx	70W	40	II	36	4200-4600	100,000	120-480 VAC
TLSRTLS37xxxxx	150W	81	II	36	7000-7700	100,000	120-480 VAC
TLSRTLM43xxxxx	150W	54	II	48	5600-6200	100,000	120-480 VAC
TLSRTLM47xxxxx	400W	111	II	48	9400-10500	100,000	120-480 VAC
TLSRTLM63xxxxx	150W	67	II	60	6900-7600	100,000	120-480 VAC
TLSRTLM67xxxxx	400W	138	II	60	11400-12900	100,000	120-480 VAC
TLSRTLM73xxxxx	150W	80	II	72	8200-9000	100,000	120-480 VAC
TLSRTLM77xxxxx	400W	164	II	72	13800-15100	100,000	120-480 VAC

Power Factor:	Operating Frequency:	Operating Temperature:	Dimensions (in inches):	Indoor/Outdoor:	Certified Installer Required:
>0.90	50/60 Hz	-40°C to 40°C	21.6" x 9.8" x 5" 27.5" x 10.2" x 5"	Outdoor	Yes

**OUTDOOR**  
Cobra Head



Trans-Lux Energy Corporation  
 300 N Elizabeth St Suite 610c  
 Chicago, IL 60607  
 800.559.8197 • www.Trans-Lux.com