

SPECIFICATION SHEET



APPLICATIONS

FIELD ADJUSTABLE STAIRWELL STRIP LED LUMINAIRE delivers high performance with deep energy savings. The LED luminaire comes equipped with a multi-level occupancy sensor enhancing safety and security in stairwells, hallways, and corridors. Increased versatility and reduced inventory burden. Excellent for general utility applications: closets, corridor, hallways, pathways, and stairwell.

SPECIFICATION FEATURES

CONSTRUCTION

Integral LED gear tray and reflector with driver on board allows for easy installation and handling. Luminaire features matte white durable finish. Diffuser requires no additional frame or fastener for easy installation.

ELECTRICAL

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V). Comes equipped with luminaire quick-disconnect.

OPTICAL SYSTEM

Reflector systems features highly reflective coating and delivers balanced, comfortable luminance for productive spaces. Diffuser lens reduces glare and improves occupant comfort while maintaining high efficiency emission.

INSTALLATION AND MOUNTING

Ideal for wall or ceiling surface mount. Mounts via keyholes or directly to J-Box.

FIELD ADJUSTABLE CCT / WATTAGE

Color temperature can be adjusted in the field by selecting (3) different CCTs via switch on driver box.

CONTROLS AND DIMMING

0-10V dimming comes standard. Comes equipped with High Frequency (microwave) multi-level occupancy sensor for a bi-level (high/low) system.

CERTIFICATION AND WARRANTY

Certification UL Listed. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC Premium QPL. 7-year limited warranty.



Ordering Example: rAO-STL4-TW-TK-DIM-OSDL

Product Series: rAO = Stairwell Strip Luminaire

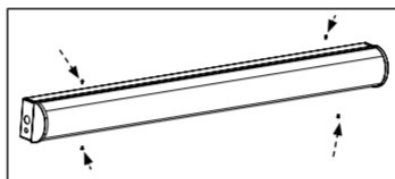
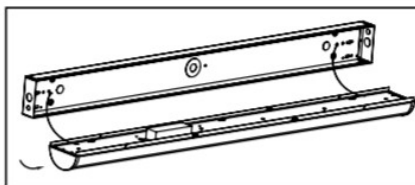
FORM FACTOR	WATTAGE	CCT	VOLTAGE	DIMMING	CONTROLS	*EMERGENCY BACKUP
STL4=4'	TW=Tunable Wattage 25W/34W/40W	TK=Tunable Color Temperature 3500K/4000K/5000K	[Blank]= 120-277V	DIM=0-10V Continuous Dimming	OSDL=High Frequency Multi-Level Occupancy Sensor	[Blank]= No Emergency Backup EM18=1800lm

*OPTIONAL EMERGENCY BACKUP

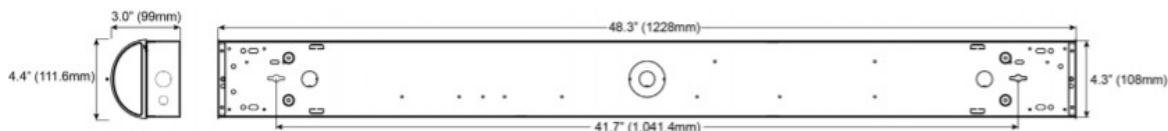
TECHNICAL PARAMETERS

Fixture	rAO-SLT4-TW-TK-DIM-OSDL								
Input Voltage (AC)	120-277V								
Input Frequency	50/60 Hz								
Rated Wattage	25W	34W	40W	25W	34W	40W	25W	34W	40W
Delivered Lumens	3,475lm	4,590lm	5,280lm	3,850lm	5,100lm	5,880lm	3,575lm	4,726lm	5,440lm
Efficacy	139lm/W	135lm/W	132lm/W	154lm/W	150lm/W	147lm/W	143lm/W	139lm/W	136lm/W
CCT ¹	3500K			4000K			5000K		
CRI	80+								
Lifespan (Hours)	75,000								
Color Consistency ²	5-step MacAdam Ellipse								
L70 ³	>54 Hours								
Power Factor	>0.9								
THD	<20%								
Dimming	0-10V Continuous (10-100%)								
Operating Temperature	-20°C to 50°C								
Occupancy Sensor Type	High Frequency (Microwave), Multi-Level								

MOUNTING INFORMATION



PRODUCT DIMENSIONS



RTK Energy, LLC | 500 Harrington St., Suite B | Corona, CA 92878 | 949-870-0958 | www.rtk-energy.com

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SENSOR INFORMATION

TECHNICAL PARAMETERS

Operating Voltage	120-277Vac, 50/60Hz
Rated Load	400W @ 120Vac, 800W @ 220-277Vac(inductive)
HF System	5.8GHz+75MHz, ISM wave band
Power Consumption	<0.5mW (STANDBY)
Detection Zone	19.7ft (@9.8ft mounting height)
Detection Sensitivity	25%/50%/75%/100%
Hold Time	5s/30s/90s/3min/20min/+∞
Daylight Sensor	5lux / 15lux / 30lux / 50lux / 100lux 150lux / Disable
Stand-by Period	0s/5s/3mins/10mins/30min/1h/+5∞
Stand-by Dimming	10%/20%/30%/40%/50%
Mounting Height	20 ft Max.
Motion Detection	1.6~9.8ft/s
Detection Angle	150° (wall installation) 360° (ceiling installation)
Operating Temperature	-35°C~70°C

SENSOR SETTINGS

		1	2	
ON ↑	I	ON	ON	100%
	II	ON	-	75%
	III	-	ON	50%
	IV	-	-	25%

Detection Area

Detection area can be reduced by selecting the combination on the DIP switch to fit precisely each application.

		1	2	
ON ↑	I	ON	ON	50%
	II	-	ON	30%
	III	ON	-	20%
	IV	-	-	10%

Stand-By Dimming Level.

The low light level you would like to have after the hold time in the long absence.

		3	4	5	
ON ↑	I	ON	ON	ON	5S
	II	-	ON	ON	30S
	III	ON	-	ON	90S
	IV	-	-	ON	3min
	V	ON	ON	-	30min
	VI	-	-	-	+∞

Hold Time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

		3	4	5	6	
ON ↑	I	ON	ON	ON	ON	5lux
	II	-	ON	ON	ON	15lux
	III	ON	-	ON	ON	30lux
	IV	-	-	ON	ON	50Lux
	V	ON	ON	-	ON	100Lux
	VI	ON	ON	ON	-	150Lux
	VII	-	-	-	-	Disable

Daylight Sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected of ambient light level. 100lux, 100lux, 50lux: twilight operation, 10lux, 5lux: darker operation only.

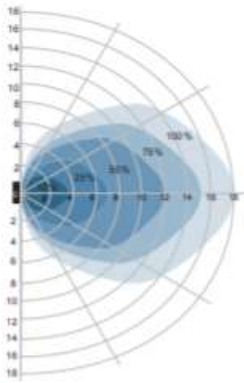
		6	7	8	
ON ↑	I	ON	ON	ON	0S
	II	-	ON	ON	5S
	III	ON	-	ON	5min
	IV	-	-	ON	10min
	V	-	ON	-	30min
	VI	-	ON	-	1H
	VII	-	-	-	+∞

Stand-By Period

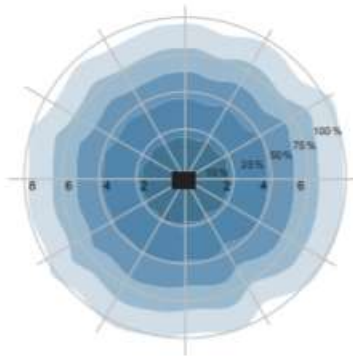
Refers to the time the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

Note: that daylight sensor is active only when lamp totally switches off.

DETECTION PATTERN



Wall Mounting Pattern (Unit:m)



Ceiling Mounting Pattern (Unit:m)

ACCESSORY OPTION

WIRE GUARD DIMENSIONS

