

Project :

Type :

Drawn by :

Catalogue No. :

Date :


















Specifications

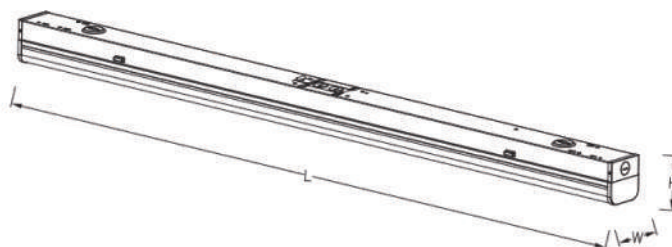
Model No.		☐ RDS-TCS45-4FT347-CCT-A1	☐ RDS-TCS45-4FT347-CCT-A1-S	☐ RDS-TCS90-8FT347-CCT-A1	☐ RDS-TCS90-8FT347-CCT-A1-S
General	Size	4 ft		8 ft	
	Watts	30W/35W/40W/45W		60W/70W/80W/90W	
	Lumen	3900lm/4550lm/5200lm/5850lm		7800lm/9100lm/10400lm/11700lm	
	CCT	3500K/4000K/5000K Adj		3500K/4000K/5000K Adj	
	Volts	AC120-347V		AC120-347V	
	CRI	>80		>80	
	Beam Angle	360degree		360degree	
	Hours Rated	50000 hours		50000 hours	
Electrical	Operating Frequency	50-60Hz		50-60Hz	
	Power Factor	>0.9		>0.9	
	Operating Position	Both Horizontal&Vertical		Both Horizontal&Vertical	
	Surge Protection	Built-in surge p rotection-4KV		Built-in surge protection-4KV	
Physical	Operating Temperature	-40°C(-40F)TO 50°C(122F)		-40°C(-40F) TO 50°C(122F)	
	Lens Material	Plastic		Plastic	
	Housing Color	White		White	
	Weight (Kg)	2.05KG		4.25KG	
Additional Information	Additional Info	CCT+Power adjustable		CCT+Power adjustable	
	Rated For Enclosed Fixture	Yes		Yes	
	Warranty	5 years		5 years	
Compliance	Safety Listing	cULus-Listed		Cetl-Listed	
	Location Rating	Damp		Damp	
	Energy Star	No		No	
	DLC Approved	Standard		Standard	
DLC ID		P639SCNB		PT3BWF7E	

Features & Specifications

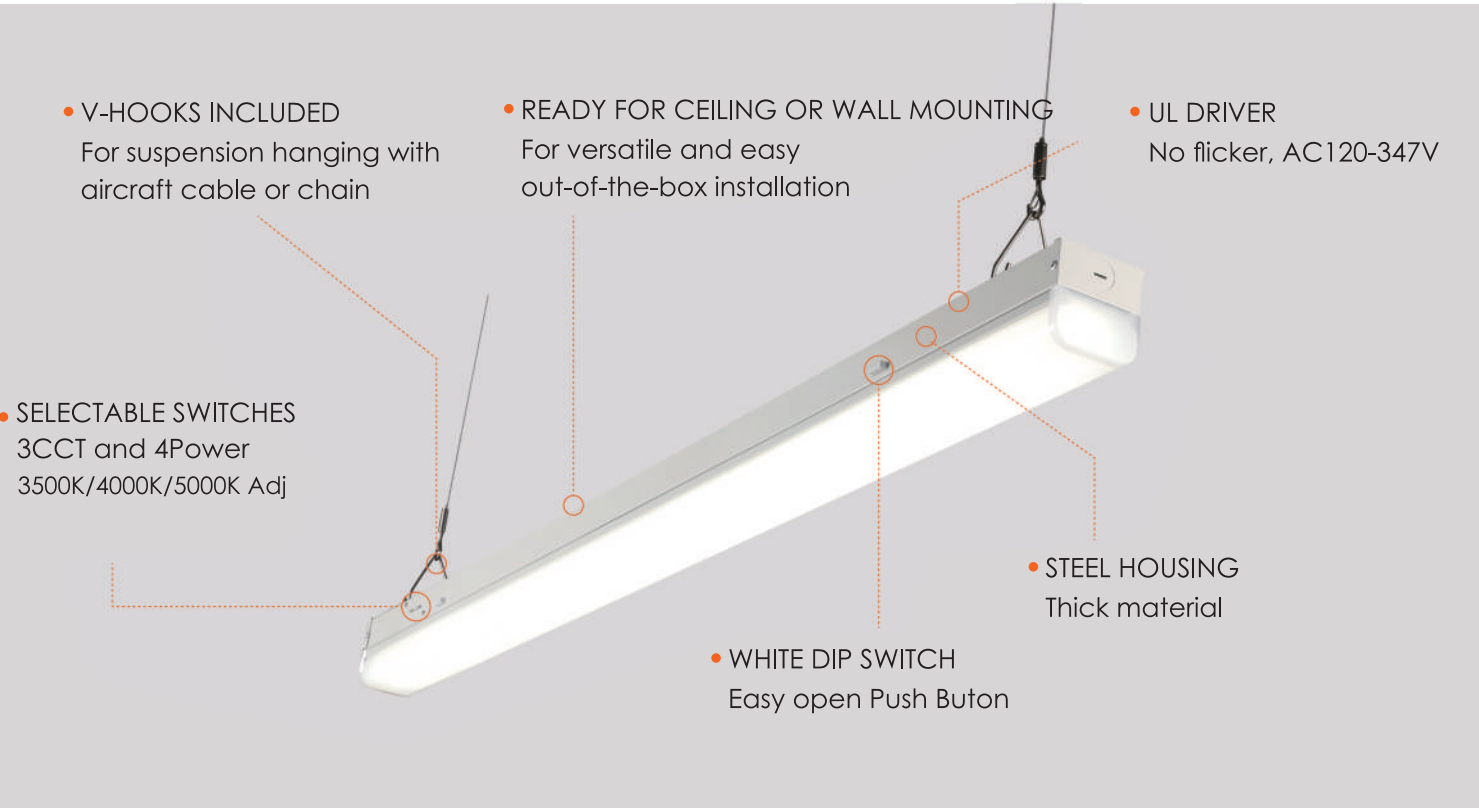
Construction	- Pure light aluminum shell provides optimal heat dissipation and high lumen efficacy - Clear polycarbonate lens over LEDs provides a high light efficacy. Standard 90° beam angle - CCT and Power Select switches are placed discretely inside the driver housing 6" power cable and 6" dimming cable included in all configurations - Integrated sensor receptacle makes for easy plug-and-play installation of smart and non-smart sensors, No wiring required. Sensors are sold separately, see accessories table
	Suspending mounting & Surface mounted
Performance Data	- Available in 3500K/4000K/5000K selectable color temperature 80+ CRI - Electrical ratings: 120-347 V - Estimated life of over 100000 hours to L70 0-10 V dimming driver. Dimming cables included 6kV surge protection (standard) - Operating temperature: -40°C to 50°C (-40°F to 122°F)
	- cETL certified for wet locations - IP44 - DLC Premium
Compliances	

Dimensions & Weights

Model No.	RDS-TCS45-4FT347-CCT-A1	RDS-TCS90-8FT347-CCT-A1
L (inches/mm)	48" (1220mm)	96" (2440mm)
W (inches/mm)	2.6" (66mm)	2.6" (66mm)
H (inches/mm)	2.79" (70.8mm)	2.79" (70.8mm)
Weights (kg/lbs)	2.05kg/4.52lbs	4.25kg/9.37lbs



Product Details



Compatible Dimmers

Brand	Model
LUTON	NTSTV-DV
LEVITON	DS710-10Z / IP710
LEGRAND	RH4FBL3PW

Dimming range:10%-100%

This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions, Each installation being unique, various factors such as load, common neutrals performance.

Read and comply to the dimmer installation instructions. Some dimmers may require more than one product for stable operation.

recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

OCCUPANCY SENSORS

Part Number	Position	Volt (v)	Technology	Height (Ft)	DetectionArea(%)	Time setting (Min)	Light control(Lux)	IP rating	Temperature (°C)
DC Sensor	built-in	12V DC	Microwave	6m Max	25%/50%/75%/100%	10S/1min/3min/5min/10min/30min	5lux/15Lux/30Lux/50Lux/100lux/150lux/Disable	IP44	-20°C~+60°C (-4°F~+140°F)

NOTE : Warm up time is 15 seconds. After that sensor connects input power first time, the light will keep on 15 seconds then go to dimming to work normally.

Any other setting change by Remote Control

Pre-Set :

Detection Area : 100%

Hold Time : 5s

Stand-by Period : 0s

Stand-by Dim Level : 10%

Daylight Sensor : Disable

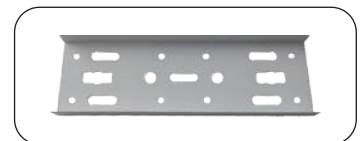


Accessories

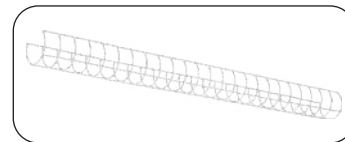
Order Code	Compatible with	Order Option
Remote Control	RDS-TCS45, RDS-TCS90	Order separately
Linkable accessories	RDS-TCS45, RDS-TCS90	Order separately
4ft Wire guard	RDS-TCS45	Order separately
v-hook/Half round fitting/ Wire cap and screws	RDS-TCS45, RDS-TCS90	Included



Remote Control



Linkable accessories



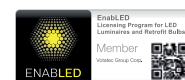
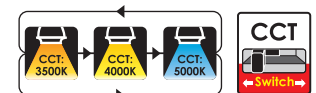
4ft Wire guard



V-Hook Half round fitting
wire cap and screws

Lumen Deatils

Model No.	Watts (w)	3500K		4000K		5000K	
		Lumen Output (LM)	Efficiency (LM/W)	Lumen Output (LM)	Efficiency (LM/W)	Lumen Output (LM)	Efficiency (LM/W)
RDS-TCS45-4FT347-CCT-A1 RDS-TCS45-4FT347-CCT-A1-S	30W	3900LM	130	4200LM	140	4050LM	135
	35W	4550LM	130	4900LM	140	4725LM	135
	40W	5200LM	130	5600LM	140	5400LM	135
	45W	5850LM	130	6300LM	140	6075LM	135
RDS-TCS90-4FT347-CCT-A1 RDS-TCS90-4FT347-CCT-A1-S	60W	7800LM	130	8400LM	140	8100LM	135
	70W	9100LM	130	9800LM	140	9450LM	135
	80W	10400LM	130	11200LM	140	10800LM	135
	90W	11700LM	130	12600LM	140	12150LM	135



Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Votatec customer service representative to confirm inventory levels at time of order.

