

# 354 Series Pendant



354 features a refined, low-glare diffusion system, offering soft, broad illumination through its unique arch-shaped profile. It is available in 4' and 8' lengths, supporting continuous runs for seamless integration into architectural spaces.

Users can select between Three-Sided Light Output, delivering light from the top and both sides for expansive coverage, or Single-Sided Light Output for focused, clean illumination from the top only.

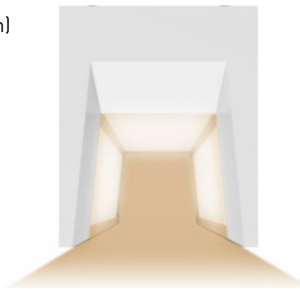
VWarden 345 is designed to deliver sculptural presence and seamless lighting performance for modern architectural spaces.



## PRODUCT FEATURES

- Sculptural arch-shaped design with diffused, low-glare illumination
- Three-Sided or Single-Sided light output options for flexible applications
- Optional decorative side panel with customizable finishes(single-sided version)
- Removable uplight module with DIP switch for easy CCT/wattage tuning
- Batwing distribution for broad, uniform uplight coverage
- Seamless continuous run with modular connectors—no dark gaps
- Supports 4' and 8' lengths, with seamless continuous run capability
- Durable 6063 aluminum housing with die-cast end caps
- Uniform, dot-free glow through LPG light guide plate

Three-Sided Light Output Version



Light from the top and both sides for broad, even illumination.

Single-Sided Light Output Version



Light from the top only, providing focused and clean lighting.

- You can choose either the Three-Sided Light Output Version or the Single-Sided Light Output Version.

Model	Dimension	Light Surface	Watt Select	Lumens	Efficacy	CCT Select	Voltage	Dimmable	CRI	Flicker
354-20LSUD4FT1S50W B3D1 HV(30K-35K-40K)	4FT	One-Sided	30W/40W/50W	2400Lm/3200Lm/4000Lm	80 lm/W	3000K 3500K 4000K	AC120-277V	0-10V {1%-100%}	>90	<5%
354-20LSUD8FT1S100W B3D1 HV(30K-35K-40K)	8FT	One-Sided	60W/80W/100W	4800Lm/6400Lm/8000Lm						
354-20LSUD4FT3S50W B3D1 HV(30K-35K-40K)	4FT	Three-Sided	30W/40W/50W	2400Lm/3200Lm/4000Lm						
354-20LSUD8FT3S100W B3D1 HV(30K-35K-40K)	8FT	Three-Sided	60W/80W/100W	4800Lm/6400Lm/8000Lm						

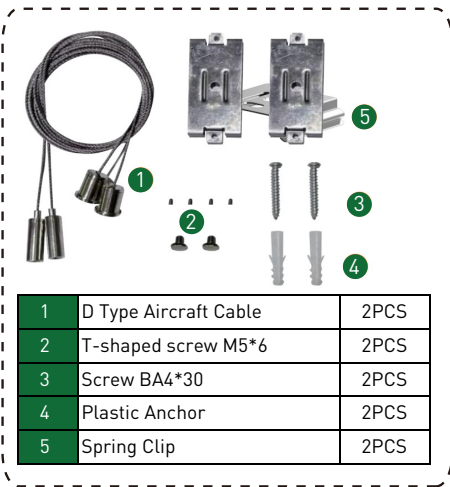
# Order Guide

Sample Model#: 345-WL-20LSUD4FT1S50WB3D1 HV(30K-35K-40K)

Luminaire ID	Mode	Length	Light Surface	Wattage	Series	Dimmable	Power Voltage	CCT
345	20LSUD	4FT 8FT	1S= One-Sided Light Surface  3S= Three-Sided Light Surface	50W=30 W/40W/50W 100W=60 W/80W/100 W	B3= 3CCT Select 3Watt Select	D1= 0-10V (1%-100%)	HV=120- 347V	(30K-35K-40K)=4000K 3000K/3500K/ Select

# Accessories

Mounting Accessories	Canopy Type	Cable	Connection Options	Other Accessories
STD=Aircraft Rope(D type)	SCKB= Slim CanopyD5"XH 0.31"	73AC-5C=7'5-core 300V Cable	LMS=L Corner Connector	LBKB=Linckble bracket with hook
		76AC-5C=7'5-core 600V Cable	TMS=T Corner Connector	8EM=8W Emergency Backup Interna
			XMS=X Corner Connector	BR=Bluetooth / PIR Sensor
				IT=Indicate light & test switch



STD=Aircraft Rope(D type)



Non Power feed



Power feed

SCKB= Slim Canopy  
D5"XH 0.31"



LBKB=Linkabel bracket



73AC-5C=7'5-core 300V Cable  
76AC-5C=7'5-core 600V Cable

# Product Specifications

## Construction

- Precision cut housing extruded from 6063 aluminum
- Die-casting end-caps ensure a robust and clean construction
- Equipped with various connectors for continuous operation

## Light Engine

- Standard 3-CCT Select,3000K/3500K/4000K.
- Standard CRI  $R_a > 90$ , optional  $R_a > 80$ ; Standard SMCM  $\leq 5$  (Single CCT) or  $\leq 7$ SDCM (Mixed CCT) ;If SDCM  $\leq 3$ SDCM are available.
- 3-Watts select

## LED Drivers

- Class II UL certified driver
- Traditional electronic drivers are available for AC120- 347V
- Flicker free  $< 5\%$ , PFC $> 0.9$ , THD $< 20\%$

## Controls and Integrated Sensors

- Equipped standard with a 0-10V(1-100%) continuous dimming driver, Compatible with most standard dimming devices

## LINKABLE FUNCTION

- Max number after interconnection  
4FT=7 units 8FT=7 units
- Total connected load is  $< 420W$  at 120V &  $< 960W$  at 277V  
&  $< 1200W$  at 347V

## Lengths

- Available in 4FT,8FT length .
- Additional fixture lengths are available please consult factory.

## Mounting

- Pendant

## Electrical

- 0-10V Dimming provided as standard
- Dimming wires capped with wire nuts for non-dimming applications
- Battery backup options provided
- Default battery location is internal to the the fixture
- Estimated lumen output = battery wattage \* nominal efficacy
- The EPC option will bypass local controls and dimming upon loss of normal power. This option is required when the fixture has both integrated sensors and emergency circuiting

## Environment

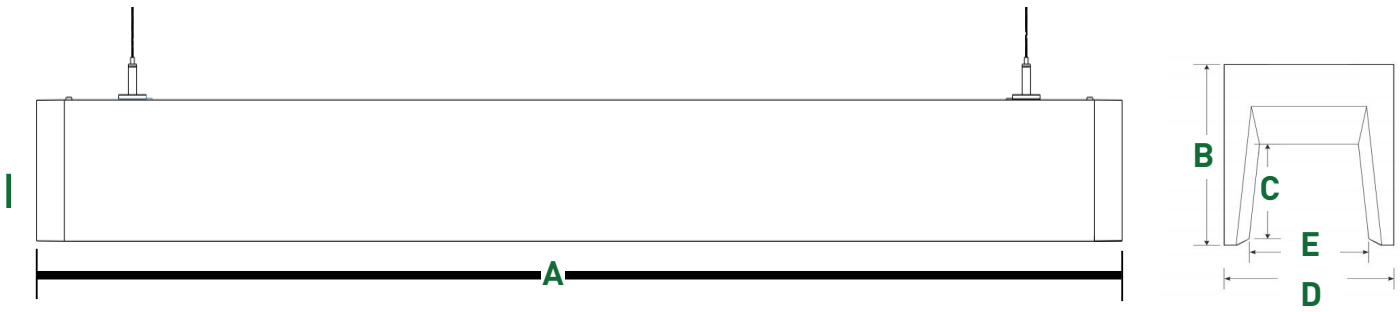
- Operating temperature range:  $-25^\circ C$  to  $50^\circ C$

## Approvals

- ETL - listed for wet locations
- Tested to IESNA LM-79 and LM-80

## Warranty

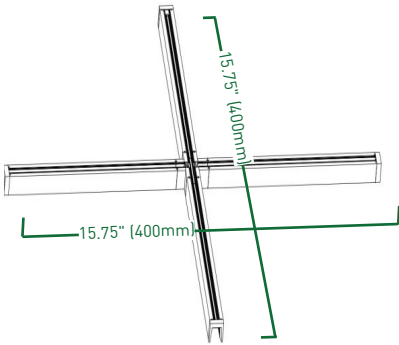
- Five years warranty as standard.



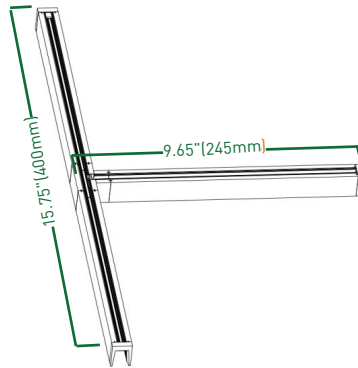
MODEL	L=Length	B=Outside Height	C=Inside Height	D=Outside Width	E=Inside Width
354-20LSUD4FT	46.38"(1178 mm)	4.72"(120mm)	2.63"(67mm)	3.54"(90mm)	2.48"(63mm)
354-20LSUD8FT	90.38"(2295.6 mm)	4.72"(120mm)	2.63"(67mm)	3.54"(90mm)	2.48"(63mm)

## Non-Powered Connection Components

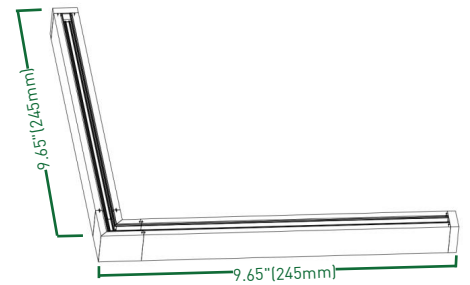
These connectors provide robust mechanical linkage for seamless and precise fixture alignment. Designed without integrated power modules, they offer flexible and reliable structural connectivity, enabling versatile lighting configurations while maintaining streamlined system design.



XMS=X Corner Connector



TMS=T Corner Connector



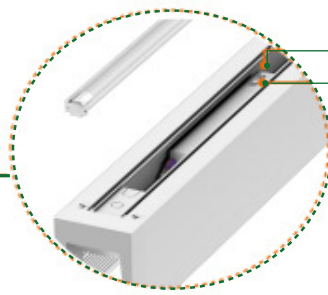
LMS=L Corner Connector

# Features



## SEAMLESS CONTINUOUS RUN CONNECTION

Modular connectors enable smooth, uninterrupted light runs with no visible dark gaps between fixtures.

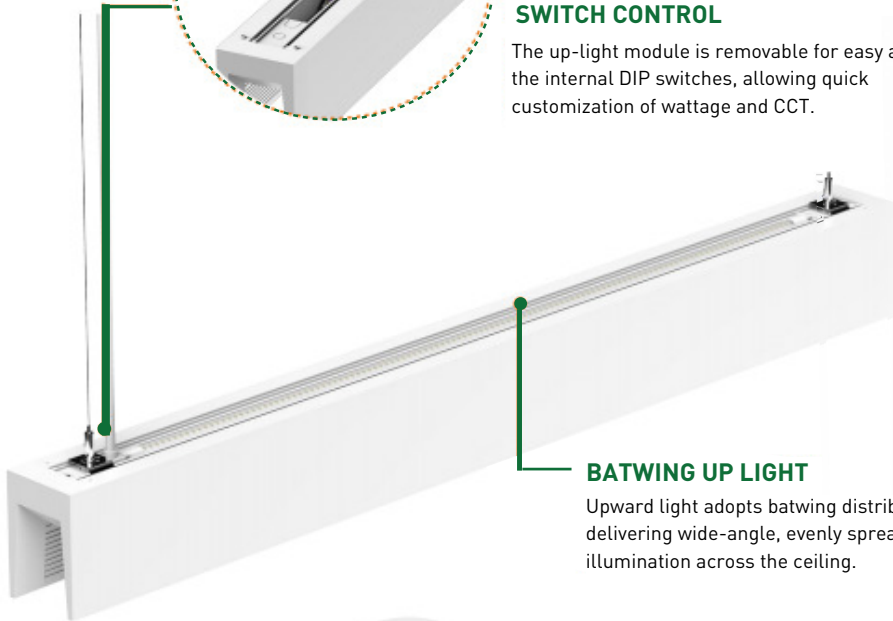


3-Watt select Dip-switch

3-CCT select Dip-switch

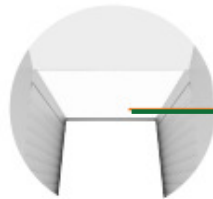
## REMOVABLE UP-LIGHT MODULE WITH DIP SWITCH CONTROL

The up-light module is removable for easy access to the internal DIP switches, allowing quick customization of wattage and CCT.



## BATWING UP LIGHT

Upward light adopts batwing distribution, delivering wide-angle, evenly spread illumination across the ceiling.



## UNIFORM LIGHT WITH LPG PLATE

Light guided through an LPG transparent plate ensures uniform, dot-free illumination with a soft, glare-free visual effect.

## THREE-SIDED OR SINGLE-SIDED LIGHT OUTPUT

Choose between three-sided emission (top + sides) for ambient coverage, or single-sided (top only) for clean, focused light.



## OPTIONAL DECORATIVE SIDE PANEL

For the single-sided version, the opposite side can be fitted with an aluminum decorative panel. Custom colors are available to suit different design needs.

## Accessories (Ordered separately)

### BR= Bluetooth / PIR Sensor



Low Voltage Plug and Play Sensor  
A compact PIR sensor with integrated photocell for occupancy sensing and daylight harvesting.

- Fits low-profile luminaires.
- Plug-and-play with easy integration.
- Dusk-to-dawn operation with photocell.
- Auto-calibrates for optimal lighting.

### IT= Indicate light & test switch



Indicator and test switch 2-in-1 design. Press to check battery status. Ideal for emergency lighting systems.

Type: Indicator Light  
Diameter: 10mm  
Voltage: 6V  
Rating: 250V AC, 0.3W  
Insulation Resistance: DC500V  $\geq$  5M  
Dielectric Strength: AC1500V/1mm  
Electrical Life: > 20,000 hours

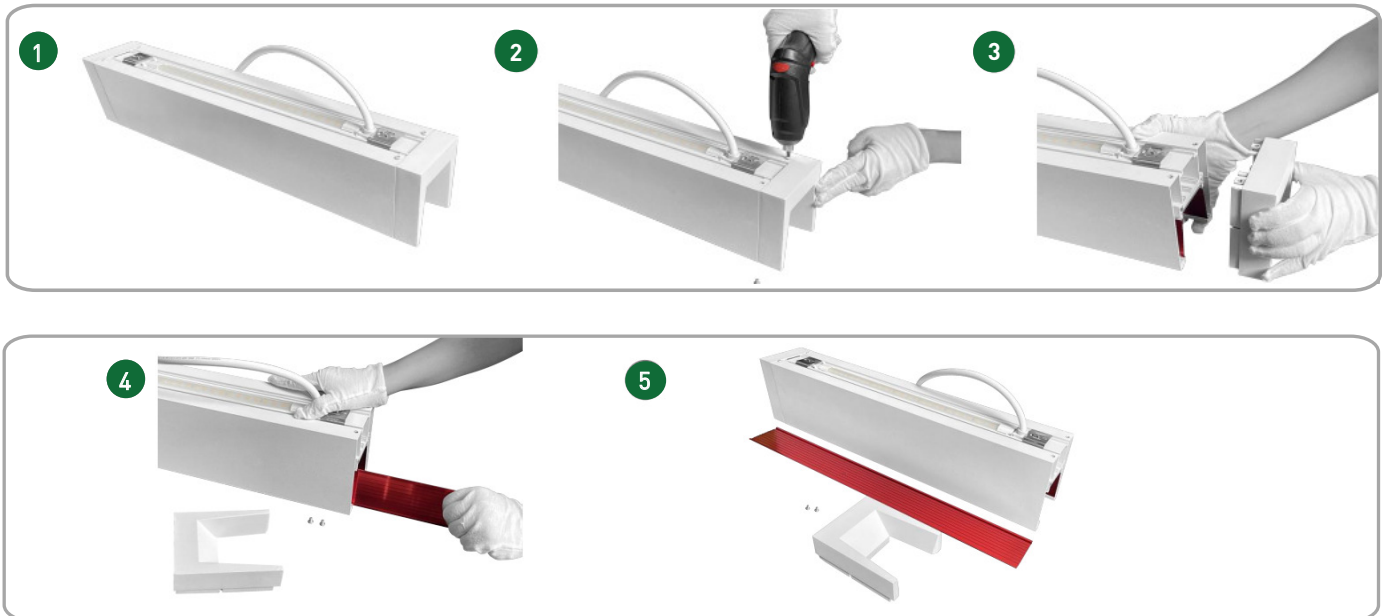
### 8EM= 8W Emergency Backup Internal



Compact emergency kit for 8W – 200W LED luminaires with external drivers. Delivers 8W constant output for 90 minutes. Includes test switch, indicator, and deep discharge protection.

- Input: 100 – 347VAC / Output: 15 – 180VDC
- 24-hour charge time, 90-minute backup
- UL listed | FCC compliant | IP20
- Operating temp: 10 – 60°C, IP20 rated
- Supports 8W constant output for emergency mode
- For LED luminaires with external drivers (8W- 200W)
- Protected against overcurrent, short circuit, and overvoltage

## Quick Guide: Installing the Decorative Side Panel

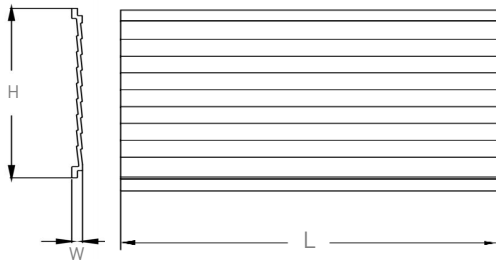




## Flexible Design

### Customizable Decorative Side Panel Options

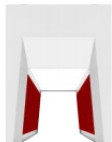
Available for the single-sided version; aluminum panels offered in multiple finishes and colors to suit interior aesthetics



Decorative Side Panel Dimensions	L=Length	H= Height	W=Width
4FT	44.02" [1118 mm]	2.06" [52.3 mm]	0.11" [2.8 mm]
8FT	88" [2235.6 mm]	2.06" [52.3 mm]	0.11" [2.8 mm]



RAL1003  
Signal Yellow



RAL2002  
Vermilion



RAL6038  
Luminous Green



RAL5012  
Light Blue



TOYO  
83 Purple



Custom Color