

# ENERGYCRAFT®

## QUINTALUX™ TW354 FIXTURE



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Made in USA, this high efficiency six lamp high bay fixture is designed to lower operating costs and energy usage up to 50% while providing the same amount of light when compared to metal halide high bay fixtures. The 94% efficiency, durable construction and high light reflectivity make this one of the most effective investments in your building.

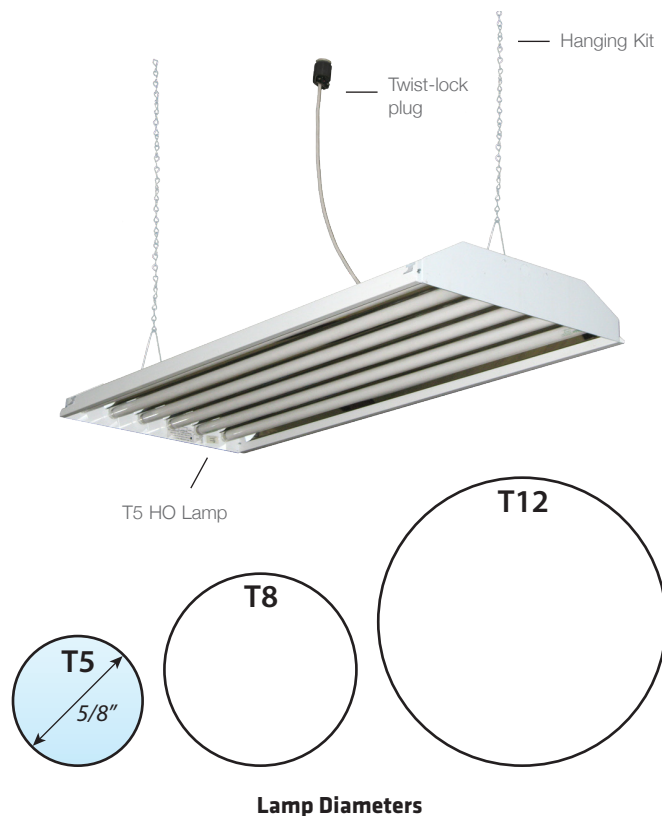
### Other features include:

- Welded construction
- Center mounted ballast ideally balanced for pendant mounting
- 354 watt usage
- Anti-vibration locking sockets
- UL labeled
- One-year fixture and five-year ballast warranty

When looking to outfit either new or retrofit projects with the latest and most efficient lighting technology, look no further than the EnergyCraft Quintalux™ TW354 Fixture.

### PHYSICAL DIMENSIONS

SIX Lamp T5 Fixture	Length	Width	Height	Weight
	48"	19.82"	3.78"	22 lb



### INCLUDED FEATURES

Construction	Reflectors	Ballast Information	Mounting	Certification	Lamps	Cord
Light-weight welded steel construction c/w reinforcing ribs for added strength	Specular Aluminum Reflector for optimal light output	Universal 120/277 volt electronic ballast	Aircraft cable included. Pendant, Chain and centering "V" hangers or surface mounting also available.	UL labeled	Six 850 premium T5 HO 20,000hr lamps plus one extra (included with complete package)	Six-foot cord and NEMA certified twist-lock plug (TLP)

### OPTIONS

Sensors	Guards	Wiring/Voltage
<ul style="list-style-type: none"> <li>o Daylight sensors (DS)</li> <li>o Occupancy sensors (OS)</li> </ul>	<ul style="list-style-type: none"> <li>o Wire guard lamp protector (WG)</li> <li>o Acrylic lens lamp protector (CG)</li> </ul>	<ul style="list-style-type: none"> <li>o 120 TLP</li> <li>o 277 TLP</li> <li>o 120 Hardwired</li> <li>o 277 Hardwired</li> </ul>

### LIGHTING SPECIFICS\*

Foot Candles	Sq. Ft. per Fixture	Power Density	Layout (Column/Row)
40	860	0.41	30'/28'
50	720	0.50	25'/28'
60	590	0.60	25'/17'
70	510	0.70	22'/22'
80	450	0.80	20'/22'
90	400	0.90	22'/19'

\*Approximate results with white Simple Saver System, 10,000 sq. ft. building.

## INSTALLATION INSTRUCTIONS

Tools required for this installation are self-drilling fasteners, washers, a driver, tape measure, pen or marker, and the aircraft cable and locking device.

**Step 1:** Secure the entry location of the power cord to fixture.

**Step 2:** Use a lift or ladder to reach the desired fixture location near a ceiling-mounted twist-lock receptacle.

**Step 3:** Measure two fastening locations 43" apart along the purlin. (Fixtures can be mounted perpendicular to the purlins but will require more chain than is supplied.) Mark these locations with a pen or marker and insert the ceiling screws.

**Step 4:** Insert the Y-toggle into middle holes on each end of fixture.  
(Be sure ballast wires are clear of Y-toggle.)

**Step 5:** Loop aircraft cable wire through opening in ceiling screw and insert locking device. Repeat for other end.

**Step 6:** Finally, plug the fixtures electrical cord into the twist-lock receptacle and make sure it is locked in place.

## FIXTURE COMPARISON

Foot Candles	Model	Sq. Ft. Per Fixture	Power Density/sq. ft
40	Quintalux TW354 Six lamp T5	860	0.41
		690	0.49
50	Quintalux TW354 Six lamp T5	720	0.50
		560	0.65
60	Quintalux TW354 Six lamp T5	590	0.60
		470	0.79
70	Quintalux TW354 Six lamp T5	510	0.70
		405	0.88
80	Quintalux TW354 Six lamp T5	450	0.80
		360	0.99
90	Quintalux TW354 Six lamp T5	400	0.90
		300	1.12

\*Approximate results with white Simple Saver System, 10,000 sq. ft. building.

## ENERGY CONSUMPTION (QUINTALUX TW354 VS. COMPETITORS)

