



Saylor™ Series

PROJECT NAME: _____

CATALOG: _____

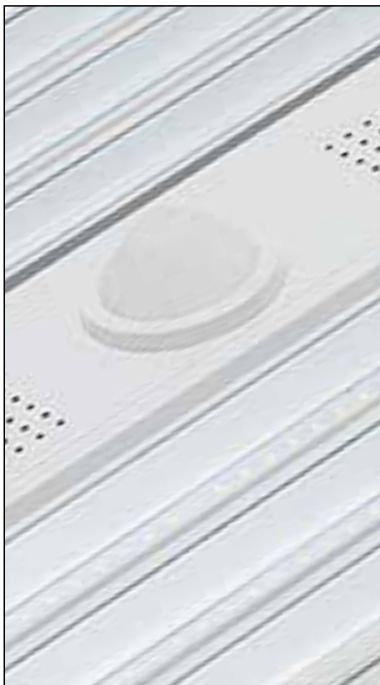
NOTES: _____

LED Linear High Bay (T-Bay)



DESCRIPTION

The Saylor™ Series LED Linear High Bay (T-Bay) is an outstanding value for a wide variety of commercial and industrial retrofit and new construction applications. Warehouses, manufacturing facilities, gymnasiums and other applications that utilize traditional HID High Bays and Fluorescent T Bays are a perfect fit for the Saylor LED Linear High Bay. Seven lumen packages ranging from 13,000 lumens to 62,000 lumens are offered in 4000K and 5000K making the Saylor LED Linear High Bay one of the most versatile Linear LED High Bays offered today.



CONSTRUCTION

Lightweight aluminum construction and heat sink is designed to perform in ambient temperature up to 55 degrees C. Designed with Samsung high-efficiency LED's and Meanwell LED 1-10v Step Dimming driver as a standard feature.

OPTICS

Wide focus distribution is available to meet both horizontal and vertical light level requirements. Injection molded refractors for repeatable photometry.

ELECTRICAL

130 lumen per watt performance, 1-10V Step Dimming driver, 120 -277V, 347-480V, 4kV surge protection as standard.

INSTALLATION

Suspended mount only. One pair Y-Cable assemblies provided standard. Power cord options available. Please see accessories section.

KEY STANDARD FEATURES

DLC 4.0 Premium

130 Lumens Per Watt

1-10V Step Dimming

**92W - 480W
(7 Wattage Packages)**

110-277V

80CRI

4000K & 5000K

**Operating Temperature
-25°C to 55°C**

7 Year Warranty

ORDERING LOGIC

Example Catalog Number: THB 50K 100W UNV W C NS

Standard: Y Mounting bracket (1 Pair); 1-10V Dimming

THB						
SERIES	COLOR TEMP	WATTAGE	VOLTAGE	DISTRIBUTION	LENS	SENSOR
THB (T High Bay)	50K (5000K)	100W (92)	UNV (120/277)	W (Wide)	C (Clear)	NS (No Sensor Standard)
	40K (4000K)	150W (144)	480 (347/480V)			B (Lens Option B)
		200W (201)				C (Lens Option C)
		240W (239)				G (Lens Option G)
		300W (292)				
		400W (404)				
		480W (474)				

Accessories



CORD & PLUG SETS

EMERGENCY OPTIONS

CS1W (Straight Plug 120V)

EL7W (7Watt 120/277 Emergency Battery Pack Installed)

CS3W (Twist Plug 120V)

EL14W (14 Watt 120/277 Emergency Battery Pack Installed)

CS7W (Straight Plug 277V)

CS11W (Twist Lock 277V)

CS25W (Twist Lock 347V)

CS97W (Twist Lock 480V)

CORD10 (10' 18/3 Black Cord Installed)

CORD6 (6' 18/3 Black Cord Installed)

CHARACTERISTICS

Wide Distribution, Clear Lens

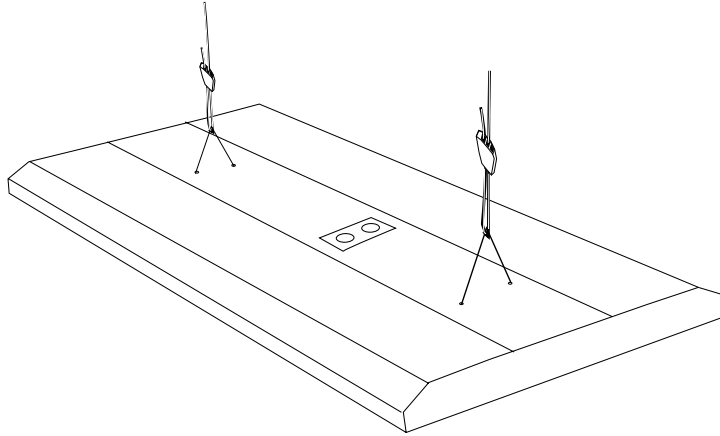
LUMEN PACKAGES	Lumen Package	Lumen		LUMEN PACKAGES	Lumen Package	Lumen	
		120V	277V			120V	277V
4000K 80 CRI	13,000	12383	12292	5000K 80 CRI	13,000	12647	12634
	20,000	19279	19320		20,000	19883	19962
	26,000	25664	25600		26,000	26660	26479
	31,000	30218	30358		31,000	31221	30783
	39,000	38493	38468		39,000	39488	39534
	52,000	51541	51400		52,000	52860	52727
	62,000	60105	60533	62,000	62209	62172	

Lumen Package	Wattage		Dimensions		
	120V	277V	Length	Width	Depth
13,000	92	91	42.91"	12.68"	2.30"
20,000	146	144	42.91"	12.68"	2.30"
26,000	201	197	42.91"	12.68"	2.30"
31,000	239	238	42.91"	16.73"	2.30"
39,000	292	287	42.91"	16.73"	2.30"
52,000	404	395	42.91"	20.79"	2.30"
62,000	474	463	42.91"	24.84"	2.30"

5000 Kelvin

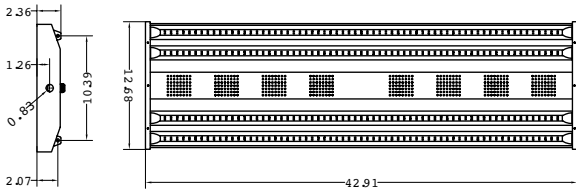
MOUNTING ACCESSORY

Y-MOUNTING CABLE (STANDARD)
MOUNTING TOGGLE AND CABLE

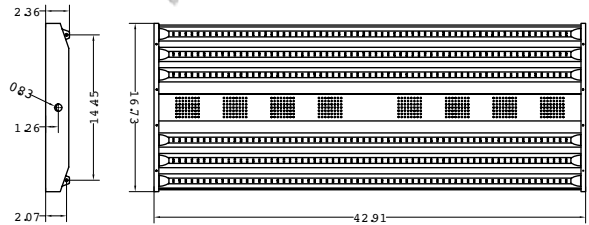


PRODUCT DIMENSIONS

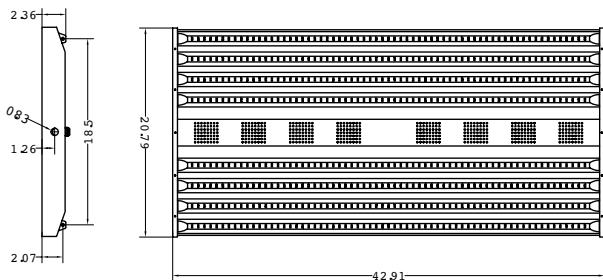
13K/20K/26K* LUMENS
42.91" x 12.68" x 2.30" **
15.4 lbs.



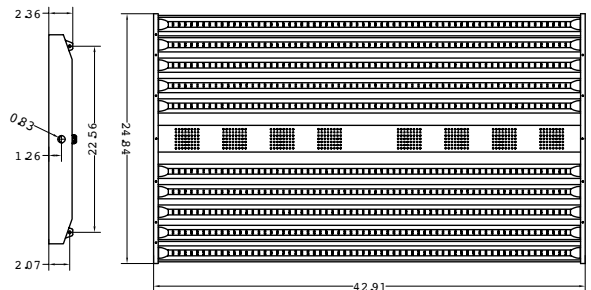
31K/39K LUMENS
42.91" x 16.73" x 2.30" **
19.3 lbs.



52K LUMENS
42.91" x 20.79" x 2.30" **
21.9 lbs.



62K LUMENS
42.91" x 24.84" x 2.30" **
29.5 lbs.



*K = 1,000 **Dimensions in Inches

SENSOR SETTINGS

Our SmartDimming technology by IR Tec. feature with interchangeable lens options. Each lens provides different sensing coverage which varies with the actual mounting height.

The specified detection coverage and mounting height of each lens are based on the test result of human motion walking across the detection zones. The actual coverage may be reduced if the motion is moving towards or away from the sensor. High ambient temperature (above 28°C/82°F) could reduce the coverage of PIR sensor. If ambient temperature at the covered area are expected to be high sometimes, consider adding more sensors or reduce the mounting height, if possible.



OMNI-DIRECTIONAL QUAD ELEMENT INFRARED SENSOR
Quad-element pyroelectric infrared sensor provides better omnidirectional detection capability than a conventional dual-element sensor, thus having superior detection performance to movement in every direction.

QUICK, EASY, AND ACCURATE SENSOR SETTING
Setting a large number of installed sensors, especially high bays, can be a time consuming and expensive job. The settings of LOD-509 sensor can be easily and accurately set via rotary DIP switch or Accu-Set potentiometers. No remote needed.

DIGITAL DATA CONTROL AMBIENT LIGHT SENSOR BUILT-IN
Digital data control ambient light sensor (ALS) provides exceptional sensing performance in response to the changes of ambient light level, thus creating a smooth dimming control that is not distracting to the occupant.

AVAILABLE WITH A VARIETY OF MOUNTING OPTIONS
Like all sensors in the TRANS family, the LOD-509 series is also available with various mounting options, including individual fixture integration, IP-66 fixture integration, ceiling surface mount, and junction box mount.

MULTI-MODE SMARTDIM CONTINUOUS DIMMING
The LOD-509 series is capable of controlling the connected lighting with state-of-the-art SmartDIM continuous dimming technology in various modes. The SmartDIM control ensures compliance of the latest CA Title 20/24 requirements.

AVAILABLE WITH INTERCHANGEABLE LENS OPTIONS
Like all TRANS-PIR sensors, the LOD-509 series also features interchangeable lens options which provide different detection patterns, such as wide angle, high bay, and aisle way for different mounting heights.

HYBRID SWITCHING FOR HIGH INRUSH CURRENT LOAD
Most LED drivers could generate exceptionally high inrush current while switching on that could significantly shorten the operational lifetime of relay contacts. The LOD-509 series employs advanced Hybrid Switching technology to ensure the longest life expectancy with HIC load control.



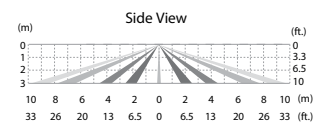
LENS OPTIONS

LENS	SHAPE	RECOMMENDED MOUNTING HEIGHT	COVERAGE
B Extra wide	Extra Wide	8~15 ft.	6X height
C High bay	High Bay	15~40 ft.	3X height
G Aisle way	Aisle Way	8~40 ft.	3X height

LENS B 6X Extra wide

Top View

Mounting Height	m (ft.)	2.4 (8)	2.6 (8.5)	2.8 (9)	4.5 (15)
Max. Coverage Diameter	m (ft.)	14.4 (48)	15.6 (51)	16.8 (54)	18.0 (60)



LENS C 3X High bay

Top View

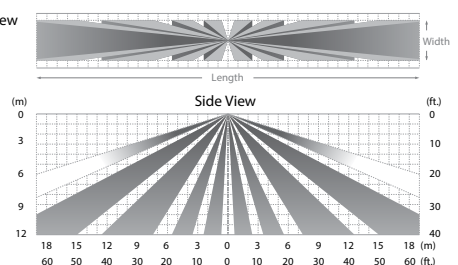
Side View

Mounting Height	m (ft.)	4.5 (15)	6.0 (20)	8.0 (26)	12.0 (40)
Max. Coverage Diameter	m (ft.)	13.5 (45)	18.0 (60)	24.0 (78)	27.0 (90)

LENS G 3X Aisle way

Top View

Mounting Height	m (ft.)	2.4 (8)	6.0 (20)	9.0 (30)	12.0 (40)
Max. Coverage Length x Width	m (ft.)	9.0 x 1 (30 x 3.3)	18.0 x 2 (60 x 6.5)	27.0 x 3 (90 x 10)	36.0 x 4 (120 x 13)



Please send orders to:
Email: order@vm5lighting.com

We reserve the right to change our spec sheets at any time.

