

# THL Series

## Commercial LED Highbay

The THL Series creates a new opportunity to transform your space with cost efficient LED highbay fixtures. THL Series fixtures are ideally suited for warehouses, manufacturing plants, sports facilities and retail spaces. A precision-formed reflector is combined with high output LED strips to provide maximum light output for ceilings from 15 feet to 40 feet. This arrangement is ideal for wide area lighting to put the light exactly where you need it with less fixtures.

### CONSTRUCTION

Air vents surround the drivers in the back of the fixture to maximize LED and driver performance, reliability and life. High reflective enhanced white reflectors are computer designed to maximize photometric performance and put the light where you need it. Access plate in the back makes wiring fast and hassle-free.



### FIXTURE DIMENSIONS

20X24L: 23.00"W x 24.02"L x 2.66"H

20X48L: 23.00"W x 48.04"L x 2.66"H

### SPECIFICATIONS

- Pendant or chain mount for high ceilings
- Many lumen package / wattage options via programmable drivers
- Multiple Kelvin temperature options (3000K, 3500K, 4000K, 5000K)
- Emergency battery backup options available
- CRI >80
- >50,000 hrs of L70 LED life
- Rated for dry and damp locations
- 0-10 Volt dimmable 120-277V (347-480V/120V ELV/TRIAC avail)
- Power factor >0.90
- 5 year warranty



## ORDERING GUIDE - 120-277V

Factory at your fingertips. Fill in the blanks to create your part number or create a custom configuration.

Sample Part Number: THL-P-FR-20X24L-B-125-DMV-WH-30K

SERIES	MOUNTING	DIFFUSER	WIDTH X LENGTH	GEAR	WATTAGE*1	DRIVER
THL	P Pendant	FR Frosted	20X24L 23"W x 24"L	B	105 105 Watts 14,944 Lumens	DMV 120-277VAC 0-10V Dimming
					125 125 Watts 18,184 Lumens	
					165 165 Watts 23,701 Lumens	
			20X48L 23"W x 48"L		210 210 Watts 30,568 Lumens	
					250 250 Watts 35,336 Lumens	
					285 285 Watts 41,080 Lumens	
					325 325 Watts 47,464 Lumens	
					360 360 Watts 52,470 Lumens	

FINISH	CCT	OPTIONS and EMERGENCY <sup>2</sup>
WH White	30K 3000K	EM14 14W Emergency battery backup
	35K 3500K	EM20 20W Emergency battery backup
	40K 4000K	MDT4 ON/OFF Occupancy Sensor
	50K 5000K	MDB3 Low Mount 360° Bi-level with 0-10V
		PC120 120V Photo Cell
		PC277 277V Photo Cell
		CS08 8' Power Cord
		WP 6' 3 Wire Whip
		WP10 6' 4 Wire Whip

**Note:**

1. Consult factory for more options for wattage and board level lumens.
2. 20W Emergency battery backup available via use of two 14W emergency battery backups. Contact for more information.

\*Programmable LED drivers allow custom configured wattages and corresponding lumens.

We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.

CATALOG# :

PROJECT :

TYPE :

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## ORDERING GUIDE - 347-480V

Factory at your fingertips. Fill in the blanks to create your part number or create a custom configuration.

Sample Part Number: THL-P-FR-20X24L-B-125-DHV-WH-30K

SERIES	MOUNTING	DIFFUSER	WIDTH X LENGTH	GEAR	WATTAGE*1	DRIVER
THL	P Pendant	FR Frosted	20X24L 23"W x 24"L	B	95 95 Watts 13,204 Lumens 125 125 Watts 18,712 Lumens 170 170 Watts 24,116 Lumens	DHV 347-480VAC 0-10V Dimming
			20X48L 23"W x 48"L		190 190 Watts 26,272 Lumens 245 245 Watts 35,872 Lumens 285 285 Watts 41,296 Lumens 325 325 Watts 46,176 Lumens 375 375 Watts 52,544 Lumens	

FINISH	CCT	OPTIONS and EMERGENCY <sup>2</sup>
WH White	30K 3000K	EM14 14W Emergency battery backup
	35K 3500K	EM20 20W Emergency battery backup
	40K 4000K	MDT4 ON/OFF Occupancy Sensor
	50K 5000K	MDB3 Low Mount 360° Bi-level with 0-10V
		PC120 120V Photo Cell
		PC277 277V Photo Cell
		CS08 8' Power Cord
		WP 6' 3 Wire Whip
		WP10 6' 4 Wire Whip

**Note:**

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2. 20W Emergency battery backup available via use of two 14W emergency battery backups. Contact for more information.

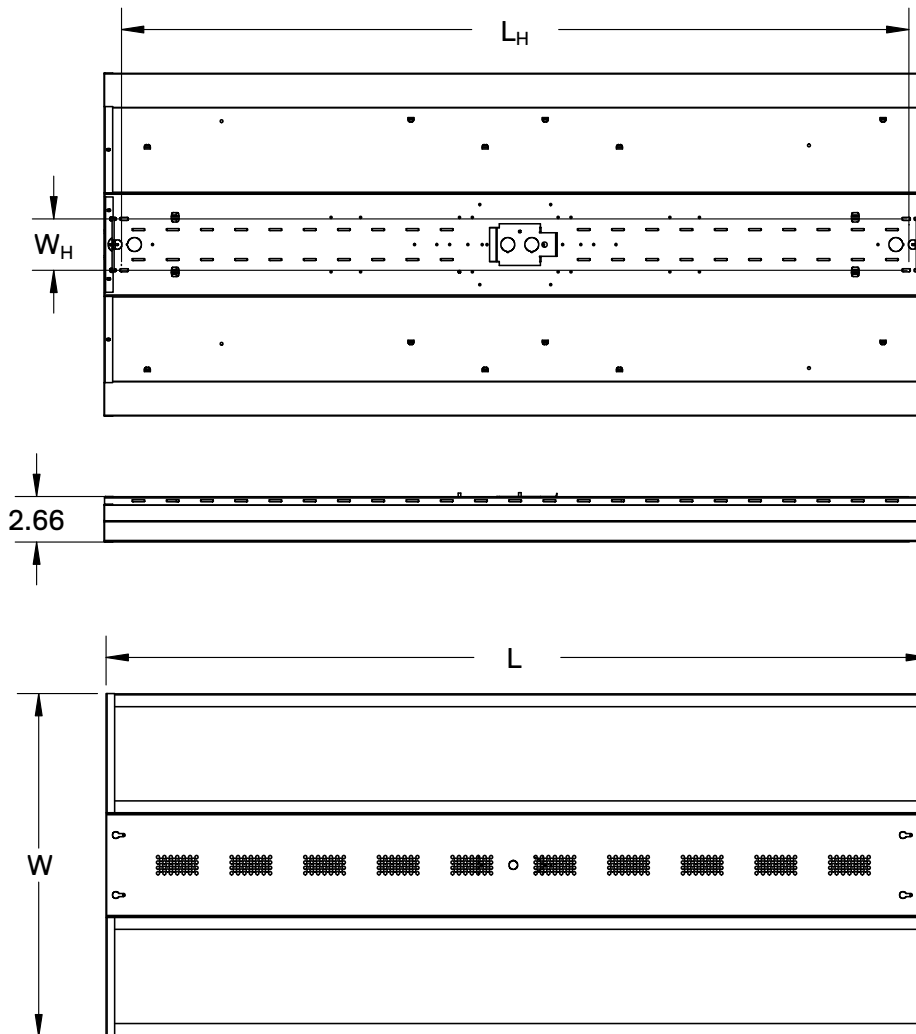
\*Programmable LED drivers allow custom configured wattages and corresponding lumens.

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## PRODUCT DIMENSIONS

Fixture Size	W	L	W <sub>H</sub>	L <sub>H</sub>
THLPFR20X24L	23.00"	24.02"	3.00"	21.97"
THLPFR20X48L	23.00"	48.02"	3.00"	45.97"

### Hanging Point Dimensions



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## DLC LISTED MODEL NUMBER

ITEM NUMBER	ITEM NUMBER
THLPFR20X24LB105DMVWH30K[xxxxx]	THLPFR20X24LB125DHVWH30K[xxxxx]
THLPFR20X24LB105DMVWH40K[xxxxx]	THLPFR20X24LB125DHVWH40K[xxxxx]
THLPFR20X24LB105DMVWH50K[xxxxx]	THLPFR20X24LB125DHVWH50K[xxxxx]
THLPFR20X24LB125DMVWH30K[xxxxx]	THLPFR20X24LB170DHVWH30K[xxxxx]
THLPFR20X24LB125DMVWH40K[xxxxx]	THLPFR20X24LB170DHVWH40K[xxxxx]
THLPFR20X24LB125DMVWH50K[xxxxx]	THLPFR20X24LB170DHVWH50K[xxxxx]
THLPFR20X48LB140DMVWH40Koooo	THLPFR20X24LB95DHVWH30K[xxxxx]
THLPFR20X24LB165DMVWH30K[xxxxx]	THLPFR20X24LB95DHVWH40K[xxxxx]
THLPFR20X24LB165DMVWH40K[xxxxx]	THLPFR20X24LB95DHVWH50K[xxxxx]
THLPFR20X24LB165DMVWH50K[xxxxx]	THLPFR20X48LB190DHVWH30K[xxxxx]
THLPFR20X48LB168DMVWH40Koooo	THLPFR20X48LB190DHVWH40K[xxxxx]
THLPFR20X48LB210DMVWH30K[xxxxx]	THLPFR20X48LB190DHVWH50K[xxxxx]
THLPFR20X48LB210DMVWH40K[xxxxx]	THLPFR20X48LB245DHVWH30K[xxxxx]
THLPFR20X48LB210DMVWH50K[xxxxx]	THLPFR20X48LB245DHVWH40K[xxxxx]
THLPFR20X48LB250DMVWH30K[xxxxx]	THLPFR20X48LB245DHVWH50K[xxxxx]
THLPFR20X48LB250DMVWH40K[xxxxx]	THLPFR20X48LB285DHVWH30K[xxxxx]
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THLPFR20X48LB325DMVWH40K[xxxxx]	THLPFR20X48LB375DHVWH30K[xxxxx]
THLPFR20X48LB325DMVWH50K[xxxxx]	THLPFR20X48LB375DHVWH40K[xxxxx]
THLPFR20X48LB360DMVWH30K[xxxxx]	THLPFR20X48LB375DHVWH50K[xxxxx]
THLPFR20X48LB360DMVWH40K[xxxxx]	
THLPFR20X48LB360DMVWH50K[xxxxx]	