

## VAPOR TIGHTS

### ORDERING NOMENCLATURE



### CONSTRUCTION

Fixture features a metal gear tray inside a reinforced fiberglass housing. Continuous polyethane gasketing formed to housing provides a seamless seal. ETL listed for damp locations.

### ORDERING NOMENCLATURE

(Ex: VAPOR TIGHT, 3 LAMP, 32W T8, MULTI-VOLT = CVT332D)

SERIES	NUMBER OF LAMPS	WATTAGE	REFLECTOR	VOLTAGE	BALLAST FACTOR
CVT	1	14 = 14W T5, 22"	Blank = None	D = Multi-Volt*	BLANK = Normal
Vapor Tight	2	17 = 17W T8, 24"	1 = Miro4	1 = 120V	H = High
For Tandem double length units, add suffix T	3	21 = 21W, T5, 34"		2 = 277V	L = Low
Ex: CVTT	(Per Cross Section)	24 = 24W T5HO, 22"		3 = 347V	
		25 = 25W, T8, 36"		4 = 480V	
		28T5 = 28W T5, 46"		(*Multi-Volt is 120/277V)	
		28T8 = 28W T8, 48"			
		32 = 32W T8, 48"			
		39 = 39W, T5HO, 34"			
		48HO = 60W 800mA, 48"			
		54 = 54W T5HO, 46"			

### OPTICAL SYSTEM

Optimized for T8 or T5 lamp performance. Provided with a polycarbonate or high impact acrylic diffuser and positive cam latching.

### ELECTRICAL SYSTEM

Ballasts are solid-state electronic. Ballasts and lamp holders are replaceable without removing from ceiling. Discrete voltage must be specified for emergency pack options when wired with flex.

### MOUNTING

Watertight hubs standard at one end accepts 1/2" conduit. Optional top only hub entry or combination top and end hub entry available for stem mounting applications. Die formed galvanized steel mounting brackets come standard. Unitized internal/external brass mounting stud for structural integrity and continuity of ground.

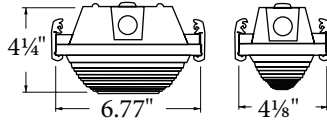
### FINISH

All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder. Body available in gray or white finish. Custom finishes are available upon request.

SERIES	NUMBER OF LAMPS	WATTAGE	REFLECTOR	VOLTAGE	BALLAST FACTOR
CVTC	1	14 = 14W T5, 22"	Blank = None	D = Multi-Volt*	BLANK = Normal
Vapor Tight	2	17 = 17W T8, 24"	1 = Miro4	1 = 120V	H = High
For Tandem double length units, add suffix T Ex: CVTCT	3 (Per Cross Section)	21 = 21W, T5, 34" 24 = 24W T5HO, 22" 25 = 25W, T8, 36" 28T5 = 28W T5, 46" 28T8 = 28W T8, 48" 32 = 32W T8, 48" 39 = 39W, T5HO, 34" 48HO = 60W 800mA, 48" 54 = 54W T5HO, 46"		2 = 277V 3 = 347V 4 = 480V  (*Multi-Volt is 120/277V)	L = Low

# CVT SERIES

## Heavy Duty Vapor Tight Fixture

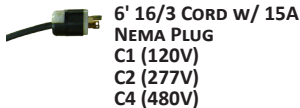


## DESIGN

The CVT Series Vapor Tight Fixture is a totally enclosed and gasketed, wet location rated fluorescent fixture. They are suitable for indoor and outdoor applications, food processing, walk-in freezers, schools, dormitories, restrooms, or anywhere dust, moisture, or vandalism may be an issue.

## ACCESSORIES

Order as separate line item



6' 16/3 CORD W/ 15A NEMA PLUG  
C1 (120V)  
C2 (277V)  
C4 (480V)



1/2" MYERS HUB  
MH



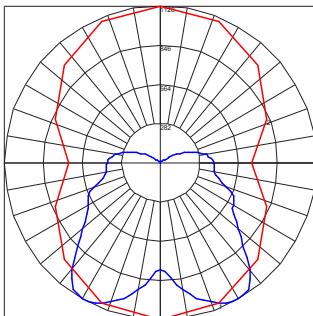
T8 EMERGENCY BALLAST  
EB5 (500 LUMEN)  
EB7 (700 LUMEN)  
EB14 (1400 LUMEN)  
EB30 (3000 LUMEN)



MOTION SENSOR  
WOC (120/277V)  
WOC1 (347/480V)

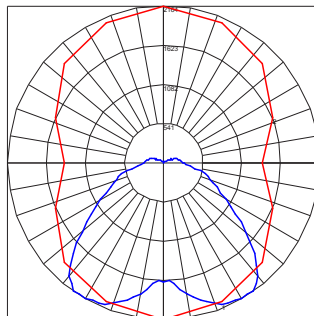
## PHOTOMETRICS

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : CVT232JES  
POLAR GRAPH



Maximum Candela = 1128 Located At Horizontal Angle = 90, Vertical Angle = 27.5  
#1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
#2 - Horizontal Cone Through Vertical Angle (27.5) (Through Max. Cd.)

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : CVT254JES  
POLAR GRAPH



Maximum Candela = 2164 Located At Horizontal Angle = 90, Vertical Angle = 30  
#1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
#2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)

1.800.225.0727

WWW.TECLIGHTUSA.COM

All specifications are subject to change without notice. Please refer to www.techlightusa.com for the most current information.

## ORDERING INFORMATION

Description	Part Number
1L 32W T8 120/277V	CVT132D (A)
1L 54W T5HO 120/277V	CVT154D (A)
1L TANDEM <sup>1</sup> 32W T8 120/277V	CVTT132D (A)
1L TANDEM <sup>1</sup> 54W T5HO 120/277V	CVTT154D (A)
2L 32W T8 120/277V	CVT232D (A)
2L 54W T5HO 120/277V	CVT254D (A)
2L TANDEM <sup>1</sup> 32W T8 120/277V	CVTT232D (A)
2L TANDEM <sup>1</sup> 54W T5HO 120/277V	CVTT254D (A)
3L 32W T8 120/277V	CVT332D (A)
3L 54W T5HO 120/277V	CVT354D (A)
3L TANDEM <sup>1</sup> 32W T8 120/277V	CVTT332D (A)
3L TANDEM <sup>1</sup> 54W T5HO 120/277V	CVTT354D (A)

### Option Codes

#### (A) Options

- Blank - None
- 10RS - ≤10% THD, Rapid Start
- P - Program Start
- 20 - ≤20% THD

## MOUNTING

2 Sets of each mount must be ordered per fixture



(3)S HOOKS AND  
CHAIN SET  
10JC



MOUNTING BRACKET  
COMES STANDARD  
WITH FIXTURE

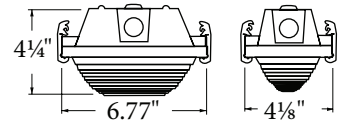
## TECHNICAL INFORMATION

Housing is constructed of reinforced white fiberglass body and a high impact polycarbonate diffuser. Continuous gasketing is formed to housing to provide a seamless seal. Suitable for wet locations. Ballasts are solid state electronic. Ballasts and lamp holders are replaceable without removing from ceiling. All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder.

Notes: 1-The number of lamps referred to in the description is the number of lamps per cross section. There are two cross sections in a tandem fixture.

## CVTC SERIES

### Vapor Tight Fixture



## DESIGN

The CVTC Series Vapor Tight Fixture is a totally enclosed and gasketed, wet location rated fluorescent fixture. They are suitable for indoor and outdoor applications, food processing, walk-in freezers, schools, dormitories, restrooms, or anywhere dust, moisture, or vandalism may be an issue.

## ACCESSORIES

Order as separate line item

**6' 16/3 CORD W/ 15A NEMA PLUG**  
 C1 (120V)  
 C2 (277V)  
 C4 (480V)

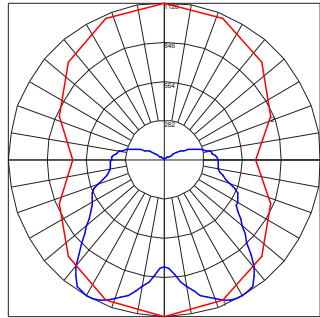
**1/2" MYERS HUB MH**

**T8 EMERGENCY BALLAST**  
 EB5 (500 LUMEN)  
 EB7 (700 LUMEN)  
 EB14 (1400 LUMEN)  
 EB30 (3000 LUMEN)

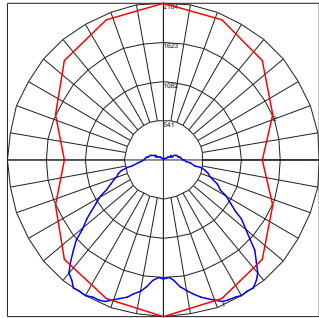
**MOTION SENSOR WOC (120/277V)**  
 WOC1 (347/480V)

## PHOTOMETRICS

IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : CVT232.IES  
 POLAR GRAPH



IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : CVT254.IES  
 POLAR GRAPH



Maximum Candela = 1128 Located At Horizontal Angle = 90, Vertical Angle = 27.5  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (27.5) (Through Max. Cd.)

Maximum Candela = 2164 Located At Horizontal Angle = 90, Vertical Angle = 30  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)

## ORDERING INFORMATION

Description	Part Number
1L 32W T8 120/277V	CVTC132D(A)
1L 54W T5HO 120/277V	CVTC154D(A)
1L TANDEM <sup>1</sup> 32W T8 120/277V	CVTCT132D(A)
1L TANDEM <sup>1</sup> 54W T5HO 120/277V	CVTCT154D(A)
2L 32W T8 120/277V	CVTC232D(A)
2L 54W T5HO 120/277V	CVTC254D(A)
2L TANDEM <sup>1</sup> 32W T8 120/277V	CVTCT232D(A)
2L TANDEM <sup>1</sup> 54W T5HO 120/277V	CVTCT254D(A)
3L 32W T8 120/277V	CVTC332D(A)
3L 54W T5HO 120/277V	CVTC354D(A)
3L TANDEM <sup>1</sup> 32W T8 120/277V	CVTCT332D(A)
3L TANDEM <sup>1</sup> 54W T5HO 120/277V	CVTCT354D(A)

### Option Codes

- (A) Options  
 Blank - None  
 10RS - ≤10% THD, Rapid Start  
 P - Program Start  
 20 - ≤20% THD

## MOUNTING

2 Sets of each mount must be ordered per fixture

**(3)S HOOKS AND CHAIN SET 10JC**

**MOUNTING BRACKET COMES STANDARD WITH FIXTURE**

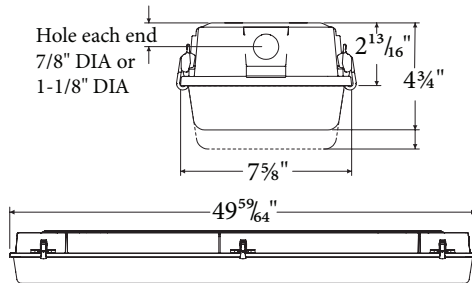
## TECHNICAL INFORMATION

Housing is constructed of gray reinforced fiberglass body and a high impact polycarbonate diffuser. Continuous gasketing is formed to housing to provide a seamless seal. Suitable for wet locations. Ballasts are solid state electronic. Ballasts and lamp holders are replaceable without removing from ceiling. All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder.

Notes: 1-The number of lamps referred to in the description is the number of lamps per cross section. There are two cross sections in a tandem fixture.

## HLFVAT SERIES

### Vapor Tight Conversion Housing



## DESIGN

The HLFVAT Series Vapor Tight Conversion Housing is a totally enclosed and gasketed, wet location rated fluorescent fixture. They work in conjunction with our Shallow Economy Strip lights to allow for a cost effective alternative to keeping large inventories of fixtures on hand.

## ACCESSORIES

Order as separate line item



**6' 16/3 CORD w/ 15A NEMA PLUG**  
C1 (120V)  
C2 (277V)  
C4 (480V)



**1/2" MYERS HUB MH**



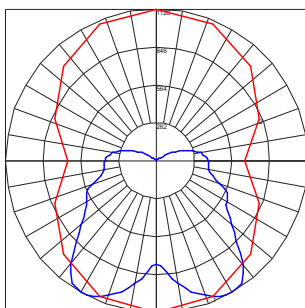
**T8 EMERGENCY BALLAST**  
EB5 (500 LUMEN)  
EB7 (700 LUMEN)  
EB14 (1400 LUMEN)  
EB30 (3000 LUMEN)



**MOTION SENSOR**  
WOC (120/277V)  
WOC1 (347/480V)

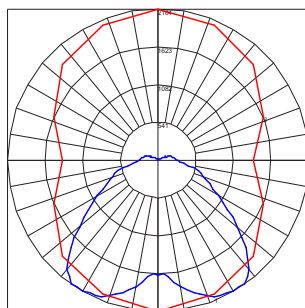
## PHOTOMETRICS

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PHOTOMETRIC FILENAME : CVT232.IES  
POLAR GRAPH



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IES INDOOR REPORT  
PHOTOMETRIC FILENAME : CVT254.IES  
POLAR GRAPH



Maximum Candela = 2164. Located At Horizontal Angle = 90, Vertical Angle = 30  
# 1 - Vertical Plane Through Horizontal Angle (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)

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## ORDERING INFORMATION

Description	Part Number <sup>1</sup>
4' HOUSING, PLASTIC LATCHES	HLFVAT4-BDYCOM
8' HOUSING, PLASTIC LATCHES	HLFVAT8-BDYCOM
4' HOUSING, STAINLESS LATCHES	HLFVAT4-BDYCOMSS
8' HOUSING, STAINLESS LATCHES	HLFVAT8-BDYCOMSS

## MOUNTING

2 Sets of each mount must be ordered per fixture



**(3)S HOOKS AND CHAIN SET 10JC**



**MOUNTING BRACKET COMES STANDARD WITH FIXTURE**

## TECHNICAL INFORMATION

Housing is constructed of reinforced fiberglass body and a high impact polycarbonate diffuser. Continuous gasketing is formed to housing to provide a seamless seal. Suitable for wet locations. Ballasts are solid state electronic. Ballasts and lamp holders are replaceable without removing from ceiling. All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder.