

# VAPOR TIGHT FIXTURE

## MFVT

### Application

Replacement for fixtures in high vapor environments.

### Construction

**Gear Tray / Reflector:** Standard gear tray has white baked enamel finish. Optional reflectors available in 95% total reflectance ultimate aluminum.

**Body:** High impact polyester fiberglass. Continuous poured gasket, odor free, non-toxic, fire retardant. Polycarbonate cam action latches.

**Lens:** Lineal ribbed diffusers.

**Ballast:** Standard ballast are high performance electronic, Class P, non PCB, sound rated A, UL certified.

**Mounting:** Thru hole or top hanging for easy installations.



### Electrical

UL listed wire rated for required temperature and voltage. Lamps are secured with twist-locking sockets.

### Warranty

One year standard warranty on fixture. Ballast carries 3-5 year manufacture warranty.

### Options

Lamps, stainless steel latches, aircraft wire hanger, sensors, cord and plug, 347v and 480v (see available options).

### Features

- Drilling not required for installation
- Easy ballast access using tabbed gear tray
- Body is rated IP65
- Total Luminaire Efficiency: 66.8%
- Spacing Criteria 0-Deg: 1.2, 90-Deg: 1.5
- Available in both T8 and T5
- Factory supplied lamps are available in various CRI ratings, temperature colors and rated life
- Ballast and wiring access without the use of tools
- Instant Restrike
- Dimming/Occupancy sensor compatible

### Ordering Information

Use the flow chart below to configure the part number. Actual part number may vary due to configuration.

<b>MFVT</b>	<b>Type VT</b> Vapor Tight Fixture
	<b>Number of Lamps Req'd</b> 14 - 1-4' [4' fixture]    24 - 2-4' [4' fixture]    24 - 2-4' [8' fixture]    44 - 4-4' [8' fixture]
	<b>Ballast</b> T8H - T8 "H" (120-277v)    T8N - T8 "N" (120-277v)    T5H - T5 "H" (120-277v) *347 and 480v see options
	<b>Reflector Material</b> U - Ultimate aluminum 95% TR
	<b>Sensor</b> <input type="checkbox"/> All Lamps <input type="checkbox"/> Portion of Lamps
	<b>Options See Options Sheet</b> <input type="checkbox"/> Cord <input type="checkbox"/> Plug <input type="checkbox"/> Hanging Method <input type="checkbox"/> Stainless Steel Latches <input type="checkbox"/> Tube Guards <input type="checkbox"/> 347/480v Package

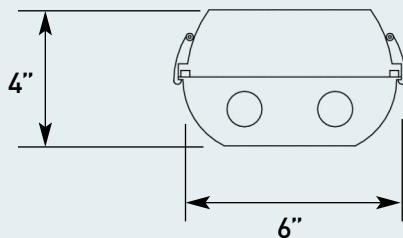
## Photometrics

### Coefficient of Utilization

2 F032 Fixture Report Number LTL 14361

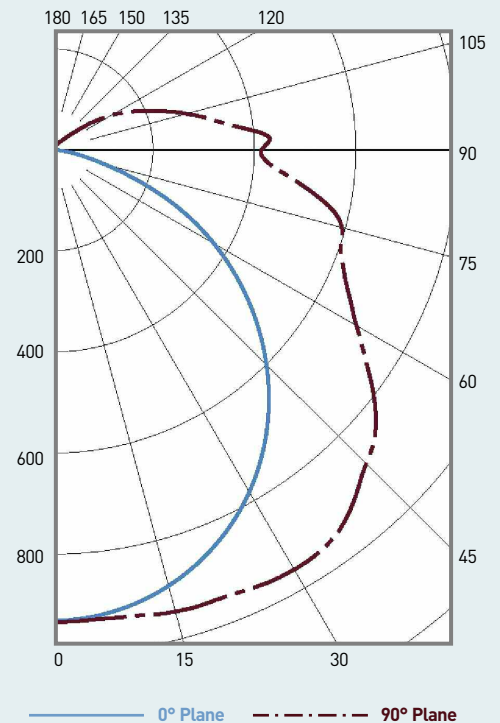
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	78	78	78	78	75	75	75	75	70	70	70	65	65	65	61	61	61	59
1	69	66	62	59	67	63	60	58	59	56	54	55	53	51	51	50	48	46
2	63	56	51	47	60	54	50	46	51	47	44	47	44	41	44	42	39	37
3	57	49	44	39	54	48	42	38	45	40	36	42	38	35	39	36	33	31
4	52	44	37	33	50	42	36	32	39	34	31	37	33	29	34	31	28	26
5	47	38	32	27	45	37	31	27	35	30	26	32	28	25	30	27	24	22
6	43	34	28	23	41	33	27	23	31	26	22	29	25	21	27	23	20	19
7	40	30	24	20	38	29	24	20	28	23	19	26	22	18	24	21	18	16
8	37	27	21	17	35	26	21	17	25	20	16	23	19	16	22	18	15	14
9	34	24	19	15	32	24	18	14	22	17	14	21	17	13	20	16	13	12
10	31	22	17	13	30	21	16	13	20	16	12	19	15	12	18	14	11	10

## Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIX
0-30	761	12.3	18.4
0-60	2449	39.5	59.1
0-90	3628	58.5	87.6
90-180	513	8.3	12.4
0-180	4141	66.8	100.0

Total Fixture Efficiency: **66.8%**



**Harris Lighting**  
Innovative Efficient Solutions