

**T6542FM** Parallel to Wall   
**T6642FM** Perpendicular to Wall 

**Flush Mount Lens Wall Washers**  
**Two 26-32-42W Triple Tube Lamps**  
**6" x 12" Rectangular Apertures**

**Flush Mount**

Kurt Versen's flush mount fixtures eliminate overlapping flanges and lock into the ceiling for a unique, finished appearance. A clean, uncluttered ceiling emphasizes the attention to detail, enhancing the impact of the interior environment. It is a factory installed option with a proven installation technique.

**Optics and Applications**

An asymmetric reflector and microprism spread lens achieve a visually even pattern using compact fluorescent lamps. Parallel and perpendicular models match the orientation of adjacent rectangles.

**Design Features**

A vented steel housing is standard. After installation, internal optics rotate 180° to correct orientation. Flush mount design resists cracking and chipping by mechanically fastening fixture to drywall. To simplify installation, three adjustment mechanisms adapt the fixture to ceiling conditions. Adjustable mounting rails fit different support systems and accommodate ceiling thicknesses from 3/8" to 7/8". Maximum extension is 26". Top or bottom service.

**Finish**

Housing is optical matte black. Standard trim is Softglow® clear. Other colors and finishes are available.

**Ballast**

Programmed rapid start, microprocessor controlled for rated lamp life and end of lamp life protection. Input voltage range is from 120V through 277V. Operates 26W, 32W or 42W triple tube lamps. Power factor .98. Starting temperature 0° F (-18°C), THD <10%.

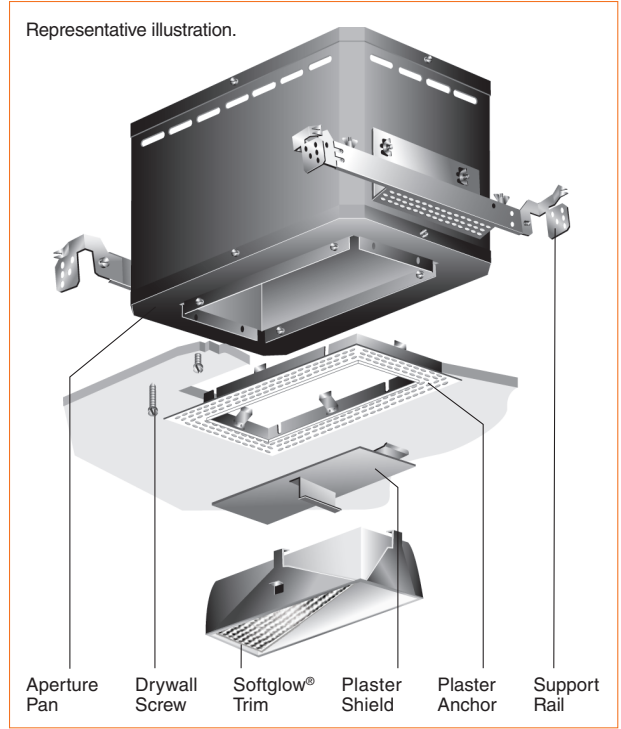
**General**

Fixtures are pre-wired, UL and C-UL listed for damp location and eight wire 75°C branch circuit wiring. Union made IBEW.

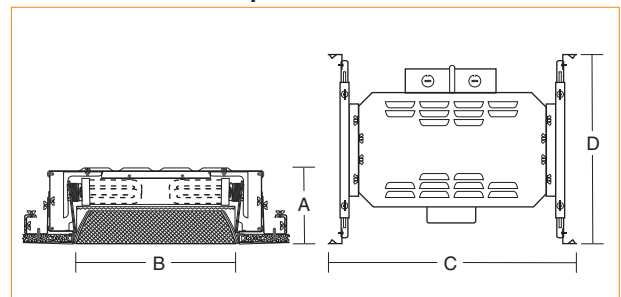
**Accessories**

- SB Softglow black trim. BR Bright trim finish.
- SG Softglow gold trim. WR White trim return.
- SH Softglow mocha trim. WHT White complete trim.
- SP Softglow graphite trim. V347 347 volt ballast.
- ST Softglow titanium trim. WRL Wattage restriction label, specify wattage.
- SW Softglow wheat trim.
- SY Softglow pewter trim. FMW Flush mount wood, contact factory.
- SZ Softglow bronze trim.

- F Fuse.
- DM Dimming, 5% minimum, 26-32W, specify watts and volts.
- DM2 Dimming, 5% minimum, 42W, two ballasts, specify volts.
- DM1 Dimming, 1% minimum, 26-32W, specify watts and volts.
- EM Emergency power includes integral charger light and test switch visible through aperture. Single lamp operation for 90 minutes. Specify volts.



**Dimensions and Lamps**



Number	A Depth	B Aperture	C Width	D Length	Lamps
T6542FM Parallel	5 7/8" 150mm	6" x 12" 153mm x 305mm	22 7/8" 581mm	14 1/4" 362mm	Two 26-32-42W Triple Tube CFL
T6642FM Perpendicular	5 7/8" 150mm	6" x 12" 153mm x 305mm	22 7/8" 581mm	14 1/4" 362mm	Two 26-32-42W Triple Tube CFL

**Matching Rectangular Units**

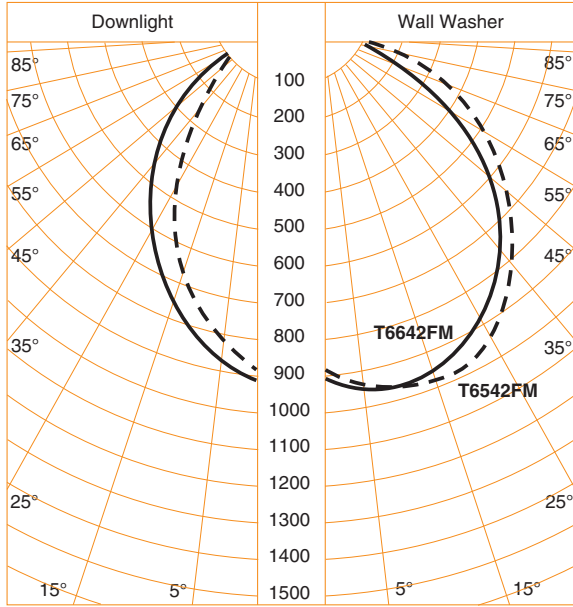
Straight downlights  
 Directional downlights

Section FMT 7  
 Section FMT 8

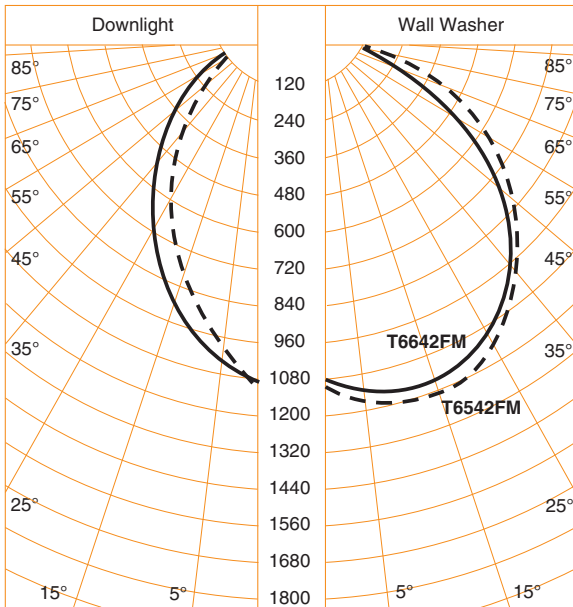
# FMT T6542FM T6642FM

## 9-8

### Candlepower Distribution Curves



T6542FM Two 32W Triple Tube Philips Read Dotted Line  
 T6642FM Two 32W Triple Tube Philips Read Solid Line



T6542FM Two 42W Triple Tube Philips Read Dotted Line  
 T6642FM Two 42W Triple Tube Philips Read Solid Line

### Brightness

Number	Lamps	85°	75°	65°	55°	45°
T6542FM	Two 32W PL-T	42	172	321	1650	2863
	Two 42W PL-T	95	287	574	2458	4042
T6642FM	Two 32W PL-T	106	1040	3057	3932	6229
	Two 42W PL-T	149	1352	4287	5297	7903

Data in footlamberts. Photometer readings, Maximum Brightness Method. For a complete discussion refer to Z section brochure Z1 in catalog.

### Multiple Units Footcandles

From Ceiling	2' from wall		3' from wall				4' from wall					
	2' Centers		3' Centers		3' Centers		4' Centers		4' Centers		6' Centers	
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	101	97	79	60	31	29	26	19	12	11	10	6
	69	57	59	34	21	17	19	9	8	6	8	2
2'	109	109	76	71	52	52	42	36	26	25	20	14
	81	78	61	49	35	33	30	21	17	15	14	7
3'	82	82	55	54	49	50	38	36	30	30	22	18
	63	63	44	41	37	37	30	26	21	20	16	11
4'	58	58	39	39	41	41	31	31	28	28	20	18
	46	45	31	30	33	33	25	24	21	21	16	13
5'	41	41	28	28	33	33	25	25	24	24	17	16
	33	33	22	22	27	27	20	20	20	19	14	13
6'	30	30	20	20	26	26	20	19	21	20	14	14
	24	24	16	16	22	21	16	16	17	17	12	11
7'	22	22	15	15	21	20	15	15	17	17	12	12
	18	18	12	12	17	17	13	13	15	14	10	10
8'	17	17	12	11	16	16	12	12	14	14	10	10
	14	14	10	9	14	14	10	10	12	12	8	8
9'	13	13	9	9	13	13	10	10	12	12	8	8
	11	11	8	7	11	11	8	8	10	10	7	7
10'	10	10	7	7	11	11	8	8	10	10	7	7
	9	9	6	6	9	9	7	7	9	8	6	6

T6542FM Two 32W Triple Tube Philips Read Top Data  
 T6642FM Two 32W Triple Tube Philips Read Bottom Data

From Ceiling	2' from wall		3' from wall				4' from wall					
	2' Centers		3' Centers		3' Centers		4' Centers		4' Centers		6' Centers	
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	122	115	95	71	38	35	32	22	15	13	12	7
	90	75	77	44	27	23	25	12	11	8	10	3
2'	130	130	92	84	63	61	50	42	31	29	24	16
	103	100	78	63	46	44	39	28	22	19	18	10
3'	98	98	66	65	59	59	45	43	36	35	26	21
	79	79	55	52	48	47	38	33	27	26	21	14
4'	70	70	47	47	50	50	37	37	33	33	23	21
	56	56	38	37	42	41	32	30	27	27	20	16
5'	49	49	33	33	40	40	30	30	29	29	20	19
	40	40	27	27	34	33	25	25	25	25	17	16
6'	36	36	24	24	32	31	24	23	25	25	17	17
	29	29	20	20	27	26	20	20	22	21	15	14
7'	27	27	18	18	25	25	19	18	21	21	14	14
	22	22	15	15	21	21	16	16	18	18	12	12
8'	20	20	14	14	20	20	15	15	17	17	12	12
	17	17	11	11	17	17	13	12	15	15	10	10
9'	16	16	11	11	16	16	12	12	14	14	10	10
	13	13	9	9	14	13	10	10	13	12	8	9
10'	13	12	9	9	13	13	10	9	12	12	8	8
	11	11	7	7	11	11	8	8	10	10	7	7

T6542FM Two 42W Triple Tube Philips Read Top Data  
 T6642FM Two 42W Triple Tube Philips Read Bottom Data

### Notes

- Increasing the spacing between fixtures will decrease wall illumination. Decrease equals table spacing divided by new spacing times table average.
- To increase wall illumination level, decrease spacing between fixtures. Increase equals table spacing divided by new spacing times table average.
- Above data measures output of the wall washers only. No contribution from adjacent downlights or ceiling, floor or wall reflectances is included. Total illumination on the wall will increase with the contribution from other sources.
- Data is cosine corrected to the plane of the wall. Uncorrected data is substantially higher and depends upon the angle of incidence to the wall which varies with the mounting distance from the wall.