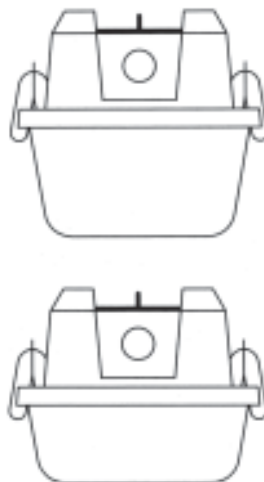


WISMARQ



WLVT SERIES

Vapatron Luminaire

APPLICATION

- Wet location listed fluorescent fixture for use in dust, moisture or corrosive environments.
- Well suited for food processing, service areas, car washes, showers, dressing rooms, transportation facilities, tunnels, underpasses, manufacturing and processing plants with adverse environments.



CONSTRUCTION

- One piece impact-resistant, fiberglass reinforced polyester (FRP) housing.
- Thermally formed clear acrylic/DR material composition lens. Crepe finish inside and easy cleaning smooth finish outside. Other lenses available.
- Closed-cell neoprene lens gasket, meets NSF and USDA listing requirements. Injection molded Celcor cam-action latches.
- Surface, chain or continuous row mounting. Housing provided with 7/8" holes at ends for appropriate conduit fittings (end plugs provided).
- Pressure-lock lampholders for good electrical contact and safe lamp retention.

FINISH

- Internal metal parts pretreated with a phosphate bonding process and post-painted with an electrostatically-applied high temperature baked white enamel for superior quality and durability. Reflectance factor in excess of 89%.

ELECTRICAL

- Energy-saving and electronic Class P, CBM/ETL certified, HPF ballasts comply with Federal Energy Efficiency Standards.
-  J.L. listed and  listed wet location.
- I.B.E.W. labeled.



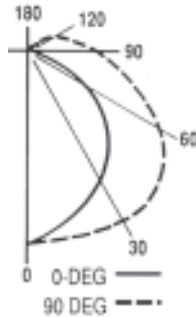
WISMARQ LIGHT COMPANY, INC.
5207 North 125th. Street Butler, WI 53007
262-754-6828 * 262-754-6829 Fax

PHOTOMETRIC DATA

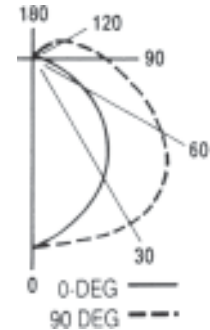
Catalog Number: **VT24048-BE1SA**
Lamps: Two F40T12/CW

Catalog Number: **VT14048-BE1SA**
Lamps: One F40T12/CW

Coefficients of Utilization - Zonal Cavity Method Effective Floor Reflectance 20%									
RC	80%			70%			50%		
RW	70%	50%	30%	70%	50%	30%	70%	50%	30%
1	77	72	69	74	70	67	66	63	61
2	69	62	57	67	61	56	57	53	49
3	63	55	48	60	53	47	50	45	41
4	57	48	41	55	47	41	44	39	35
5	53	43	36	51	42	35	40	34	30
6	49	39	32	47	38	31	36	29	26
7	45	35	28	43	34	28	32	27	23
8	42	32	26	41	31	25	30	24	21
9	39	29	23	38	29	23	27	22	19
10	37	27	21	36	26	21	25	20	17



Coefficients of Utilization - Zonal Cavity Method Effective Floor Reflectance 20%									
RC	80%			70%			50%		
RW	70%	50%	30%	70%	50%	30%	70%	50%	30%
1	83	78	73	80	75	71	70	67	64
2	74	66	60	71	64	58	60	55	51
3	67	58	50	65	56	49	52	47	42
4	62	51	43	59	49	42	46	40	35
5	56	45	38	54	44	37	41	35	30
6	52	41	33	50	40	32	37	31	26
7	48	37	30	46	36	29	34	28	23
8	45	34	27	43	33	26	31	25	21
9	42	31	24	40	30	24	29	23	19
10	39	28	22	38	28	22	27	21	17



ORDERING GUIDE

Series	No. Lamps	Lamp Style	Fixture Size	Ballast	120 Volt*	Lens	Options
VT	1, 2	17	02	OT, EO	1	SA	
VT	1, 2	20	02	BH	1	SA	
VT	1, 2	32	48	OT, EO	1	SA	
VT	1,2	40	48	BE, ET	1	SA	
VT	1	48	48	JA	1	SA	
VT	2	48	48	JA, JT	1	SA	
VT	1, 2	48	48	KA	1	SA	
VT	2, 4	32	96	OT, EO, CO	1	SA	
VT	2, 4	40	96	BE, ET	1	SA	
VT	1, 2	59	96	JO, KO	1	SA	
VT	2	86	96	EO	1	SA	
VT	1	96	96	JA, JT	1	SA	
VT	2	96	96	JE, JT, KE, KT	1	SA	

* For 277 volt, substitute 4

LAMPS:

- 32 - F032 T8 32 Watt
- 40 - F40ES
- 48 - F48 T12 38 Watt Slimline or 60 Watt HO
- 59 - FO59 T8 59 Watt
- 86 - F96 T8 86 Watt HO
- 96 - F96 T12 75 Watt Slimline or 110 Watt HO

BALLASTS:

- BE - 430 ma Rapid Start Energy Saving
- BH - 430 ma Trigger Start 20 Watt
- CO - 265 ma Electronic (4 lamp)
- EO - 265 ma Electronic
- ET - 430 ma Electronic
- JA - 425 ma Slimline
- JE - 425 ma Energy Saving Slimline
- JO - 200 ma F96 T8
- JT - 425 ma Electronic Slimline
- KA - 800 ma High Output
- KE - 800 ma Energy Saving High Output
- KO - 136 ma F96 T8 HO
- KT - 800 ma Electronic High Output
- OT - 265 ma Magnetic

Note: On 4 lamp electronic fixtures, CO designates a single 4 lamp ballast in fixture. ET and EO designates 2 ballasts in fixture.

LENS:

- SA - Acrylic/DR composition (standard)
- PC - Polycarbonate lens

OPTIONS:

Use the following suffix for:

- D Deep lens for 4' HO fixture
- F1 Fusing, one per fixture
- F2 Fusing, one per ballast
- RF1 Radio Interference Filter, one per fixture
- RF2 Radio Interference Filter, one per ballast
- TP Tamperproof celcon latches

Emergency Ballast - Please consult Options page for complete listings.

Dimming Ballast - Please consult the factory.

Cold Weather Ballast - Change 2nd letter in ballast designator to C.

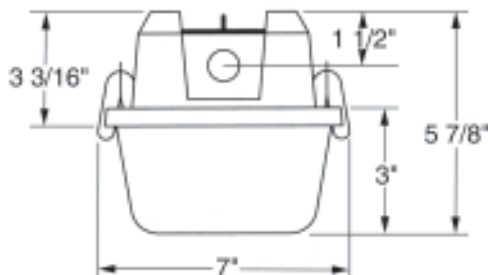
ACCESSORIES:

- CK - Chain Kit Mounting (bracket assembly required)
- BK - Bracket Assembly (2 required for 8' fixtures)
- CH - Conduit Hub for 1/2" rigid conduit

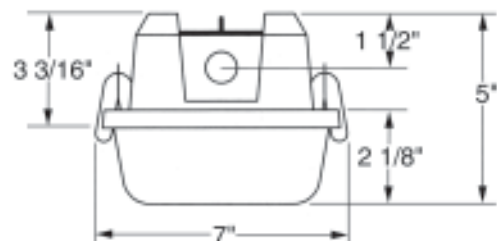
DIMENSIONS

specifications and dimensional data subject to change without notice

All 8' and 4' HO Units



2 or 4 Ft. Rapid Start and T8 Units



Lengths of Unit	
Fixture Size	Nominal Length
02	25 13/16"
48	49 13/16"
96	97 13/16"