

VT/VTS SERIES

SEALATRON AND SEALATRON PLUS ENCLOSED INDUSTRIAL FLUORESCENT DAMP/WET LOCATIONS CLASS III HAZARDOUS LOCATION 1 OR 2 LAMP, T8 OR T12

- One-piece fiberglass reinforced polyester housing.
- Smooth virgin acrylic lens.
- Crepe pattern inner surface lens.
- Bonded closed-cell neoprene gasket.
- Molded cam-action tension latches.
- Optional polycarbonate lens.
- Optional tamper proof latch.
- Optional inside silver reflector.
- Up to 86% efficient with silver reflector.

SEALATRON VT

- CSA listed for damp/wet locations.
- RS version is 4-1/2" deep. SL and HO are 5-5/8" deep.

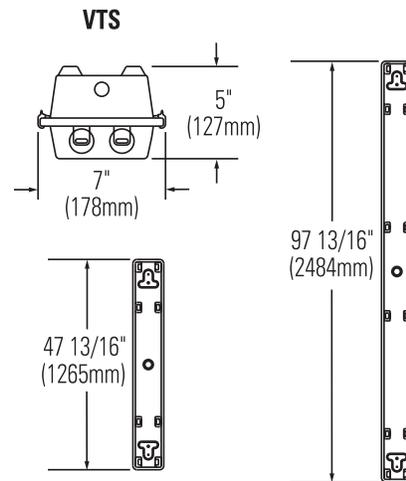
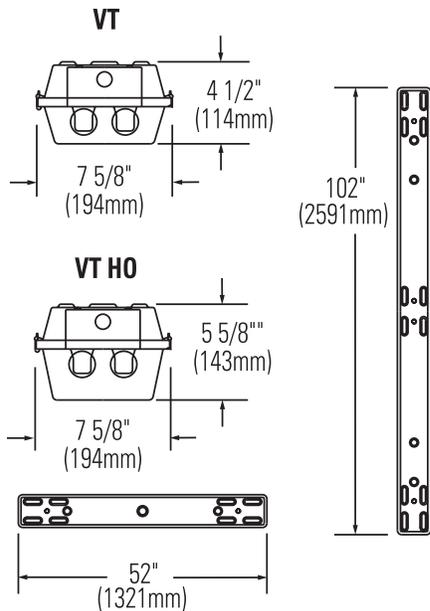
SEALATRON PLUS VTS

- CSA listed for damp/wet locations.
- CSA listed for Class III, Hazardous location.
- Water tight kits included (one kit).
- No holes are required for mounting, protecting the integrity of the housing.
- Galvanized mounting brackets included (2 per luminaire).
- Brass mounting studs.



Rapid start units with cold weather ballast are for maximum 10°C ambient. Do not flush mount HO units. Should be suspended minimum 1-1/2" from surface. 248H and 296H units are for maximum 15°C ambient.

DIMENSIONS



FIXTURE TYPE	VOLTS
JOB INFORMATION: _____	

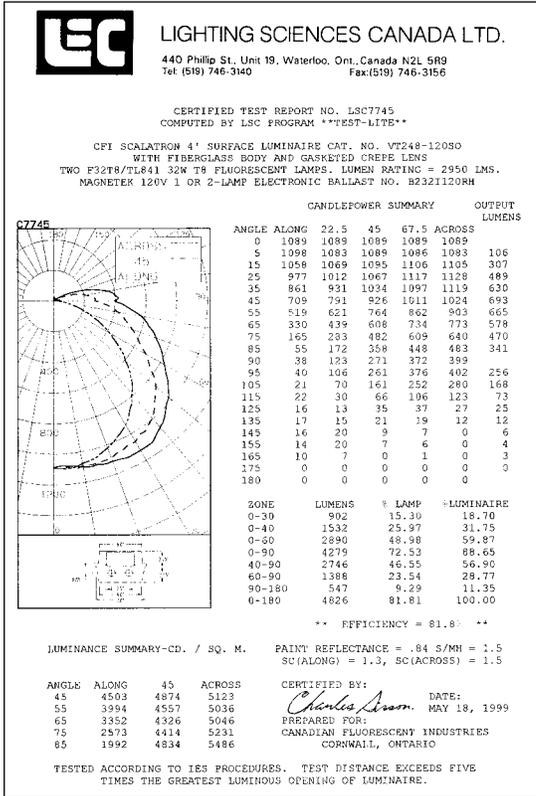
CFI FLUORESCENT

VT/VTS SERIES

SEALATRON AND SEALATRON PLUS ENCLOSED INDUSTRIAL FLUORESCENT

PHOTOMETRY

MODEL NO. VT248-12050



LIGHTING SCIENCES CANADA LTD.
440 PHILLIP ST., UNIT 19
WATERLOO, ONTARIO CANADA N2L 5R9

CERTIFIED TEST REPORT NO. LSC7745
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI SCALATRON 4' SURFACE LUMINAIRE CAT. NO. VT248-12050
WITH FIBERGLASS BODY AND GASKETED CREPE LENS
TWO F32T8/TL841 32W T8 FLUORESCENT LAMPS, LUMEN RATING = 2950 LMS.
MAGNETEK 120V 1 OR 2-LAMP ELECTRONIC BALLAST NO. B2321120RH

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80	70	50	30	10	0
70	50	30	10	70	50	30
50	30	10	50	30	10	50
30	10	50	30	10	50	30
10	50	30	10	50	30	10
0	50	30	10	50	30	10

RCCR

0	.95	.95	.95	.95	.92	.92	.92	.92	.86	.86	.86	.80	.80	.80	.75	.75	.75	.73
1	.85	.81	.77	.73	.82	.78	.74	.71	.73	.70	.67	.68	.65	.63	.63	.61	.60	.57
2	.77	.69	.63	.58	.74	.67	.61	.57	.62	.58	.54	.58	.55	.51	.55	.52	.49	.46
3	.70	.61	.54	.48	.67	.59	.52	.47	.55	.49	.45	.51	.47	.43	.48	.44	.41	.39
4	.64	.53	.46	.40	.61	.52	.45	.39	.48	.42	.38	.45	.40	.36	.43	.38	.35	.33
5	.58	.47	.39	.33	.55	.45	.38	.33	.43	.36	.32	.40	.35	.30	.37	.33	.29	.27
6	.53	.42	.34	.29	.51	.40	.33	.28	.38	.32	.27	.36	.30	.26	.34	.29	.25	.23
7	.49	.37	.30	.25	.47	.36	.29	.24	.34	.28	.23	.32	.27	.23	.30	.25	.22	.20
8	.45	.33	.26	.21	.43	.32	.26	.21	.31	.24	.20	.29	.23	.19	.27	.22	.19	.17
9	.41	.30	.23	.18	.40	.29	.23	.18	.27	.21	.17	.26	.21	.17	.24	.20	.16	.14
10	.38	.27	.20	.16	.37	.26	.20	.16	.25	.19	.15	.24	.18	.15	.22	.18	.14	.13

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 55.1
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: VT248-12050

VT	2	48	120	S0	<input type="checkbox"/>
SEALATRON: VT = Damp/Wet location VTS = Damp/Wet class III, hazardous location	NUMBER OF LAMPS IN A LUMINAIRE CROSS-SECTION: 1 or 2 Lamps	LAMP/FIXTURE LENGTH/WATTS: FT = nominal 24" 40W TTS 24 = nominal 24" 17W T8 or 20W T12 48 = nominal 48" 32W T8 or 34W T12 48T = nominal 96" 32W T8 or 34W T12 (tandem)	VOLTAGE: 120, 277 347 48H = nominal 48" 60W T12 HO 96H = nominal 96" 86W T8 HO or 110W T12 HO 96S = nominal 96" 59W T8 SL or 75W T12 SL	BALLAST TYPE: LE † Mag. T12 energy saving CW* Mag. T12 cold start SO 1 or 2 Lamp Elect. T8 SC* Elect. T8 cold start O4 4 Lamp Elect. T8 SB 40W TTS Elect. * Not available for HO ans SL HO standard with -17°F (-27°C) ballasts. † Not available for T12 HO, leave blank for standard ballast.	OPTIONS: Add appropriate suffix to catalog no.

OPTIONS/ACCESSORIES

WATER TIGHT KITS Hub kit for top or end conduit entry. Order suffix: **WHP001**.
ELECTRICAL/WIRING OPTIONS For special wiring, fusing: consult factory.

LATCH: For tamper proof latch use suffix **9**.
SILVER REFLECTOR Use Suffix: **X**.
VT LENS OPTIONS: Smooth virgin acrylic with crepe pattern inner surface lens is standard for opal lens add **(SW)**, for high impact lens **(DR)**. For polycarbonate lens use suffix **VX**.

VTS LENS OPTIONS: Smooth virgin acrylic with crepe pattern inner surface lens is standard. For polycarbonate lens use suffix **VX**.

SPECIFICATIONS:

MATERIALS: Inner chassis parts are die-formed code gauge cold rolled steel, 1-5/8" deep, 4-5/8" channel width.
LENS: Injection molded, one-piece impact resistant .125" starting thickness smooth virgin acrylic with crepe on inner surface. Lens enclosure shall be fully gasketed to seal fixture from dirt, moisture and other contaminants.
BALLAST COVER: Snap-on type without fasteners. Screwdriver slots are to be provided in housing for easy removal of ballast cover.
LATCHES: Lock-tight molded cam-action tension latches, securely

clamps lens to fixture.
FINISH: Inner chassis exterior-phosphate undercoating, baked white polyester enamel. 84% minimum reflectivity.
ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast C.B.M. certified by E.T.L. if K.O. is within 3" of ballast, use wire suitable for at least 90°.
LABELS: Listed by CSA.

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

CFI FLUORESCENT

©NITE

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