

LED Linear Luminaire 4 FT TRI-PROOF VAPOR TIGHT



High Impact Lens and Aluminum Housing

Topaz's Tri-Proof Vapor Tight Luminaire is the perfect solution for a wide range of applications including garage, warehouse, stairwells, marine and subways. Provides an IP65 rated water proof, dust proof and corrosion proof luminaire. Superior quality compared to other products on the market, and offering 130 lumens per watt. The luminaire can be surface or suspension mounted.

FEATURES

- Aluminum housing for thermal management and polycarbonate lens
- 50W replaces 3x32W T8 fixture
- Battery backup version available
- 0-10V Dimmable version available by special order
- 6 foot power cord included
- ETL Sanitation Listed for Food Service Equipment
- 5 year warranty

APPLICATIONS

- Commercial, industrial or marine type applications such as parking garages, stairwells, docks, and subway stations.



*End-to-End Connector Kits and
Suspension Mount Cables sold separately*

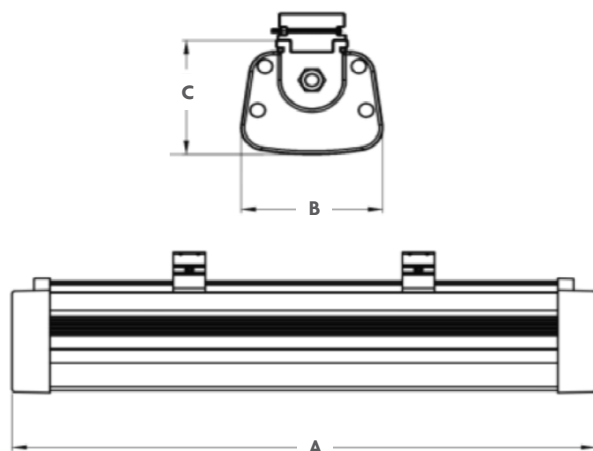


Job Name/Title: _____ Catalog Number _____
Contractor: _____ Notes: _____

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GENERAL SPECIFICATIONS

Input Voltage: 120V-277V, 50/60Hz
Average Rated Life (L70): 50,000 hours
THD: <10%
Power Factor: >0.9
Beam Angle: 120°
CRI: 80
Ambient Operating Temperature: -40°F to 105°F
Unit Weight: 4.6 lbs. standard, 7.3 lbs. with battery backup



Dimensions	A (in)	B (in)	C (in)
	47.24"	3.78"	3.27"

SPECIFICATIONS / ORDER INFO

Catalog Number	Product Code	UPC	Watts	Lumens	LPW	Input Amps @120V	CCT (Kelvin)	DLC ID	Case Qty
F-VT4/50W/40K-86	71055	751338023420	50W	6,500	130	.42/.2A	4000K	PLOY7QLDKHPD	1/6
F-VT4/50W/50K-86	71056	751338023437	50W	6,500	130	.42/.2A	5000K	PLV92VSEI3JJ	1/6
With battery backup (≥90 minutes)									
F-VT4/50W/40K/EM-86	71058	751338023475	50W	5,750	115	.42/.2A	4000K	PLOY7QLDKHPD	1/6
F-VT4/50W/50K/EM-86	71059	751338023482	50W	5,750	115	.42/.2A	5000K	PLV92VSEI3JJ	1/6
Optional Suspension Mount Cable									
F-LED Cable 2PK	72708 (2 cables per set)								
Optional End-to-End Connector Kit									
F-VT Coupler	71040 (includes End-to-End bracket and 10" connection cord)								
Optional 10 Ft. Extended Connector Cord									
F-VT 10FT Cord	71033								

ENERGY SAVINGS

	LED Watts	Suggested Fluorescent Equivalent	Energy Savings, Watts	Yearly Saving, \$	5 Year Savings, \$
Based on 12 hours/day and .11/kwhr					
F-VT4/50W/xxK	50W	96W	46W	\$22.16	\$110.80

NOMENCLATURE

Example: F-VT4/50W/50K/EM

F=Fixture / **F-VT4**=LED Vapor Tight 4 Ft / **50W**=50 Watt / **40K**=4000K CCT / **Blank**=No Backup
50K=5000K CCT / **EM**=Emergency Backup

 ***Item is rebate eligible in some regions. Eligibility and rebates must be verified by local utility provider. For more information visit www.topaz-usa.com/rebate-finder**
Specifications subject to change without notice.

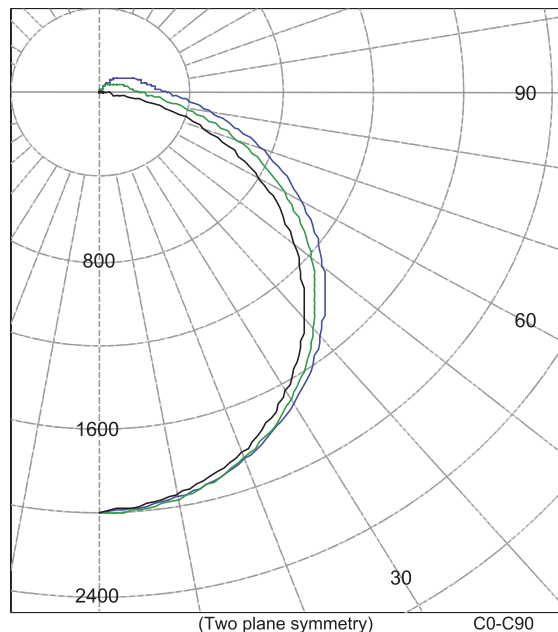
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Legend: C0-Black, C45-Green, C90-Blue (cd)



INTENSITY SUMMARY (cd)

Gamma	C-Plane					Flux (lm)
	C0	C22.5	C45	C67.5	C90	
0.0	1994	1994	1994	1994	1994	
5.0	1975	1977	1992	1990	1981	188
10.0	1943	1946	1963	1963	1955	
15.0	1892	1896	1916	1919	1914	539
20.0	1823	1828	1852	1860	1859	
25.0	1737	1744	1773	1788	1789	814
30.0	1636	1645	1681	1701	1707	
35.0	1523	1534	1578	1603	1614	983
40.0	1396	1412	1465	1496	1510	
45.0	1259	1282	1344	1379	1398	1029
50.0	1115	1147	1215	1256	1278	
55.0	966	1007	1079	1126	1152	955
60.0	811	862	936	992	1021	
65.0	652	711	790	855	884	773
70.0	490	554	642	716	746	
75.0	328	399	498	579	610	515
80.0	178	257	366	453	485	
85.0	56	144	259	349	382	272
90.0	0	81	189	274	306	

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	% Lamp	% Luminaire
0-30	1541	N / A	23.3
0-40	2524	N / A	38.2
0-60	4508	N / A	68.2
0-90	6068	N / A	91.8
40-90	3544	N / A	53.6
60-90	1560	N / A	23.6
90-180	541	N / A	8.2
0-180	6608	N / A	100.0

Total Light Output = 6,608 lm

Spacing Criterion: 0-180 1.2
Spacing Criterion: 90-270 1.3

Coefficients Of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92			92
1	106	100	96	91	102	97	93	89	92	88	85	86	83	81	81	79	77	74			74
2	96	87	80	74	92	84	78	72	79	74	69	75	70	66	71	67	64	61			61
3	87	76	67	61	84	74	66	60	70	63	58	66	60	55	62	57	54	51			51
4	79	67	58	51	76	65	57	50	62	54	49	58	52	47	55	50	46	43			43
5	73	60	51	44	70	58	50	43	55	48	42	52	46	41	50	44	40	37			37
6	67	54	45	38	65	52	44	38	50	42	37	47	41	36	45	39	35	32			32
7	62	49	40	34	60	47	39	33	45	38	32	43	36	32	41	35	31	29			29
8	58	44	36	30	56	43	35	29	41	34	29	39	33	28	38	32	27	25			25
9	54	41	32	27	52	40	32	26	38	31	26	36	30	25	35	29	25	23			23
10	51	37	29	24	49	37	29	24	35	28	23	34	27	23	32	27	22	21			21

For absolute test reports, CUs are expressed as a percentage of total lumen output. Calculations were based on published IES procedures, and are based on the zonal cavity method. Basic assumptions: 1) Room surfaces are lambertian reflectors. 2) Incident flux on each surface is uniformly distributed. 3) The room is spectrally neutral. When luminaires are not evenly distributed throughout the room, or do not exhibit lateral symmetry, CU values may differ from actual performance.

AVERAGE LUMINANCE (cd / m²)

Gamma	C0	C45	C90
45.0	15964	14493	14339
55.0	14959	13379	13377
65.0	13507	11951	12256
75.0	10736	10058	10889
85.0	4714	8257	10012

Circle of Light Plot

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
6.0	55.4	7.34	7.65
8.0	31.1	9.78	10.19
10.0	19.9	12.23	12.74
12.0	13.8	14.67	15.29
14.0	10.2	17.12	17.84
16.0	7.8	19.57	20.39

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