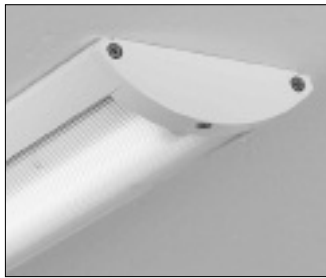


Survivor[®] 9

selux



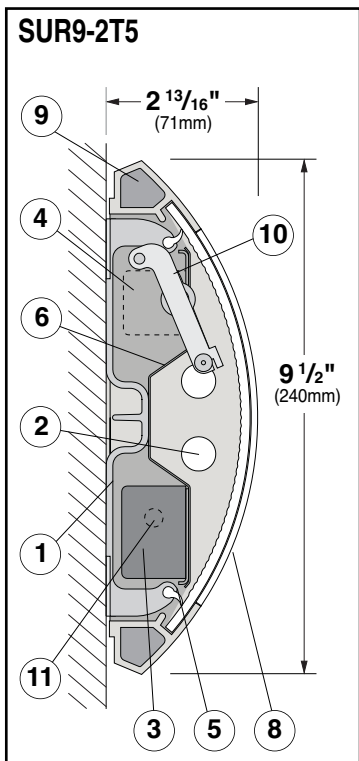
Project: _____

Type: _____ **Qty:** _____

SUR9 - - **PC** - - - - -
 Series Lamping Shielding Mounting Feed Location Length
 Finish Voltage Options

Series	Lamping	Shielding	Mounting	Feed Location	Length	Finish	Voltage	Options
SUR9 Survivor [®] 9	1T5 2T5 1T8 2T8 1T5HO 2T5HO ⁷	PC Polycarbonate Prismatic Satine Lens (IP66 certified)	F Surface Mount V ¹ Vertical Wall Mount RS Suspended Rigid Stem Mount	LF ² Left Feed RF ² Right Feed VF ³ Vertical Feed (feed at bottom) BF ² Back Feed	002 ⁸ Nominal 2 ft. 003 Nominal 3 ft. 004 Nominal 4 ft. RUN ⁴ Nominal	WH White BK Black BZ Bronze SV Silver SP Specify Premium Color	120 277 347	EM1 ⁵ Stand-by Battery Pack (ISL-28) EM2 Stand-by Battery Pack (ISL-54) EM3 Stand-by Battery Pack (ISL-540) FS ⁶ Single Fusing NC Nipple Connector EFC End Feed for Conduit (1/2") TR Tamper Resistant Door Screws CW Cold Weather ballast (-20°F/-29°C) DM Dimming DMA Digital Addressable Dimming

¹ No hinges included. ² F mounting only. ³ V mounting only. ⁴ Please consult factory. ⁵ Not available with T5HO. ⁶ Not available with 347V. ⁷ Not available with EM options. ⁸EM or DM, consult factory.



- 1. Main Housing** - low profile marine-grade, extruded aluminum housing with low-copper, die cast aluminum end caps and stainless steel mounting brackets. Designed for indoor & outdoor wall and ceiling mount as well as light to medium security area applications. Mounting hardware by others.
- 2. Lamps** - Single or double T5 (14W 2', 21W 3', 28W 4') or T8 (17W 2', 25W 3', 32W 4'), or single T5HO (24W 2', 39W 3', 54W 4') lamping by others.
- 3. Ballast** - Electronic, high power factor, class "P", type "A" sound rating. Specify 120v, 277v, or 347v. Ballast is factory pre-wired with leads to one end of fixture. Cold Weather ballast (-20°F/-29°C) available with CW option.
- 4. EM Battery Packs** - Standard EM Battery Packs (EM1 –EM3) by IOTA[™]. For detailed information (i.e. operated lamps and average lumen ratings) please see IOTA[™] Product specification sheet.
- 5. One piece Silicone Gasketing** - Fixture lens and end plates are fully gasketed (IP66 rated) for weather

- proofing, dust, and insect control.
- 6. Ballast Tray** - Ballast tray installs as complete electrical unit secured with a spring clip assembly fully accessible from below ceiling. White finish for even illumination.
- 7. Gear Tray** - (not shown) White Powder coated, cold-rolled steel. Gear tray installed as a complete electrical unit full accessible and removable from below ceiling.
- 8. Shielding** - Vandal and impact resistant .156" thick polycarbonate prismatic satine lens (IK10, NRTL, & IP66 wet label certificate ratings).
- 9. Hinged Lens Door** - Door hinges down on surface mount version for easy access to lamp(s) and ballast. Hinges are replaced with safety cable for Vertical Wall Mounting. Door is removable without tools for easy mounting of housing and seals securely with two (2) vandal resistant stainless steel captive fasteners.
- 10. Hinge** - For lens door.
- 11. Feed Location** - For Surface Mount (F), specify Left (LF) or Right (RF) side for power feed

entry. For Vertical Wall Mount (V), Feed Location (VF) is at bottom only. If mounting over junction box, power feed wire provided fits into exterior recessed channel allowing flexibility in mounting fixture over junction box. Consult factory for middle fixtures to be connected in a linear row with nipple connector.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

Selux Corp. © 2016
 TEL (845) 834-1400
 FAX (845) 834-1401
 www.selux.us
 SUR9-0116-01 (ss-v3.0)

NRTL Listed for Wet Locations (i.e. UL, CSA)

Union Made Affiliated
 with **IBEW Local 363**

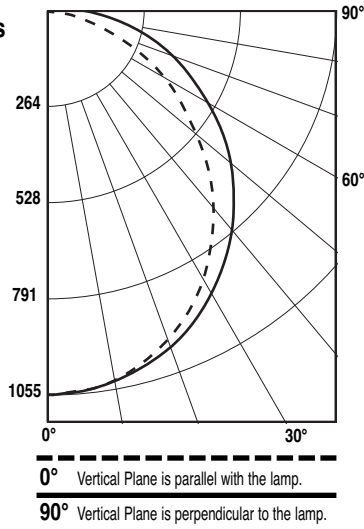
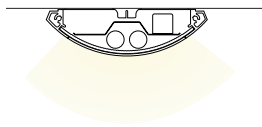
IP66 **IK10**

**Complies with ADA
 Americans with Disabilities Act**

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supercede all other printed or electronic versions.

Photometry (cont'd)

SUR9-2T8 / Polycarbonate Lens



Catalog #: **SUR9-2T8-PC-F-004**
 Lamp: **2x F32T8 @ 2850 lumens**
 Report #: **LTL-19511**
 Luminaire Efficiency: **54%**
 Maximum Candela: **1055 @ 0°**

DOWNLOAD IES FILE:
<http://www.selux.com/web/files/interior/SUR9-PC-F-004-2T8.zip>

COEFFICIENTS OF UTILIZATION - Zonal cavity method

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	50	30	10	0
0	64	64	64	64	63	63	63	63	60	60	60	57	57	57	54	54	54	53				
1	58	55	53	51	57	54	52	50	52	50	48	49	48	46	47	46	45	44				
2	53	48	44	41	51	47	43	40	45	42	39	43	41	38	41	39	37	36				
3	48	42	38	34	47	41	37	34	39	36	33	38	35	32	36	34	32	30				
4	44	37	32	29	43	37	32	28	35	31	28	34	30	28	32	29	27	26				
5	40	33	28	25	39	33	28	25	31	27	24	30	27	24	29	26	24	22				
6	37	30	25	22	36	29	25	21	28	24	21	27	24	21	26	23	21	20				
7	35	27	22	19	34	27	22	19	26	22	19	25	21	19	24	21	18	17				
8	32	25	20	17	31	24	20	17	24	20	17	23	19	17	22	19	16	15				
9	30	23	18	15	29	22	18	15	22	18	15	21	18	15	20	17	15	14				
10	28	21	17	14	27	21	17	14	20	16	14	20	16	14	19	16	14	13				

CANDELA DISTRIBUTION					
	0	30	45	60	90
0	1055	1055	1055	1055	1055
5	1049	1050	1050	1050	1050
15	1003	1005	1009	1014	1014
25	913	918	930	943	946
35	783	794	817	841	848
45	628	643	679	715	727
55	459	480	528	574	591
65	295	318	374	427	447
75	143	167	224	280	300
85	26	51	103	152	172
90	0.0	18	59	101	117

Effective Floor Cavity Reflectance 0.20

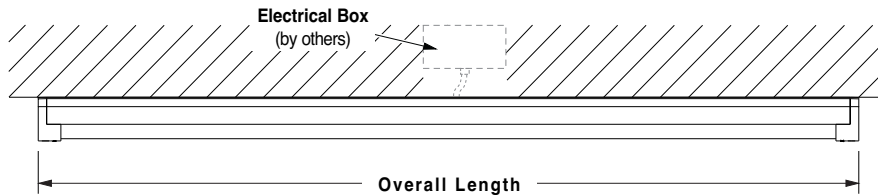
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT.
0-30	812.9	14.3	26.4
0-40	1323.7	23.2	43.0
0-60	2318.3	40.7	75.2
0-90	3036.9	53.3	98.6
90-180	44.1	0.8	1.4
0-180	3081.0	54.1	100.0

Layout Dimensions

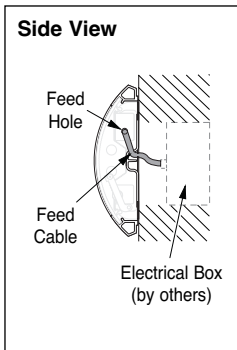
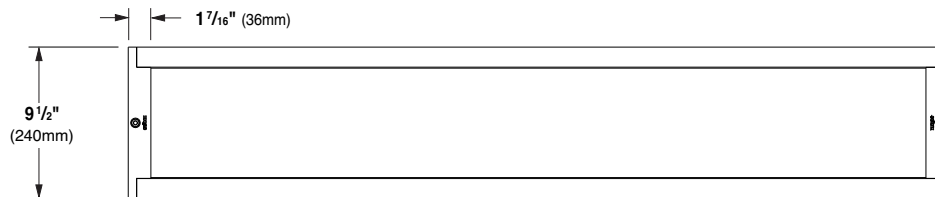
Suggested mounting with hinges on bottom edge of fixture. Mounting hardware by others. Outlet box and lamp(s) by others.

SUR9-1T5-PC-F-RF/LF

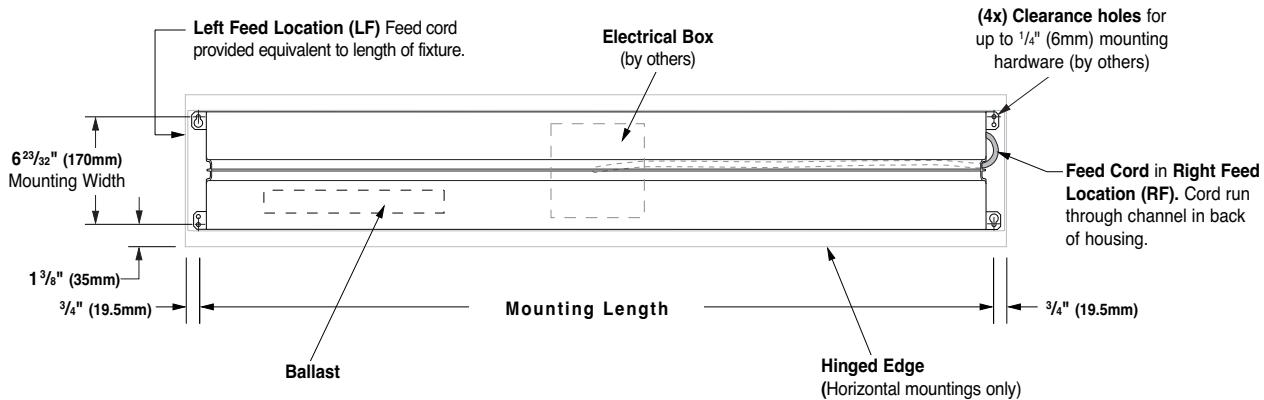
Top View



Front Closed View



Mounting View (Same orientation as Front Closed View)



	T5 (1 or 2 lamp)		T8 (1 or 2 lamp)	
	Overall Length	Mounting Length	Overall Length	Mounting Length
2 foot individual	25.59" (650mm)	24.05" (611mm)	27.17" (690mm)	25.63" (651mm)
3 foot individual	37.40" (950mm)	35.87" (911mm)	39.2" (995mm)	37.64" (956mm)
4 foot individual	49.21" (1250mm)	47.67" (1211mm)	51.18" (1300mm)	49.65" (1261mm)

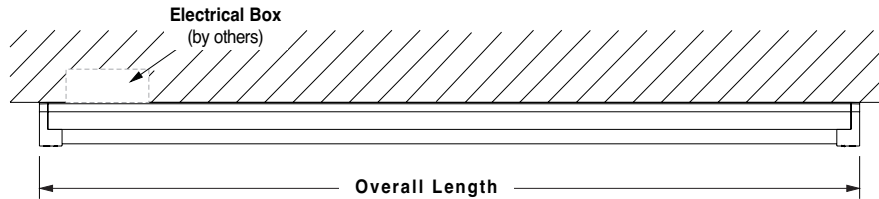
For other lengths, lamping, continuous runs or configurations please specify overall length (in feet), accessories desired and sketch/drawing of configuration. Selux will detail project drawings upon order and supply submittal drawings for approval. Individual fixtures cannot be field joined. If you have any questions, contact Selux customer service or applications engineering for assistance (1-800-SELUX-CS).

Layout Dimensions

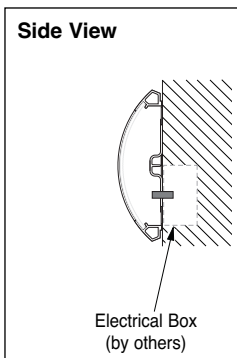
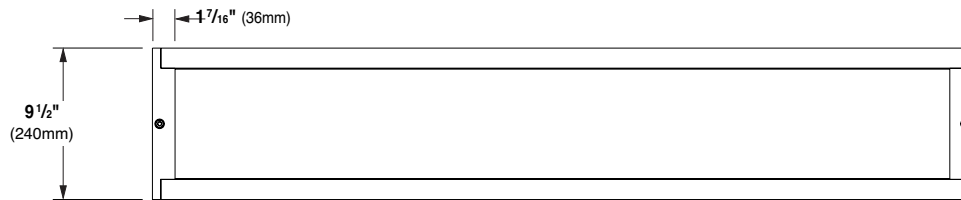
Suggested mounting with hinges on bottom edge of fixture. Mounting hardware by others. Outlet box and lamp(s) by others.

SUR9-1T5-PC-F-BF **IMPORTANT!** Feed Hole is not centered. J-Box by others must be offset accordingly.

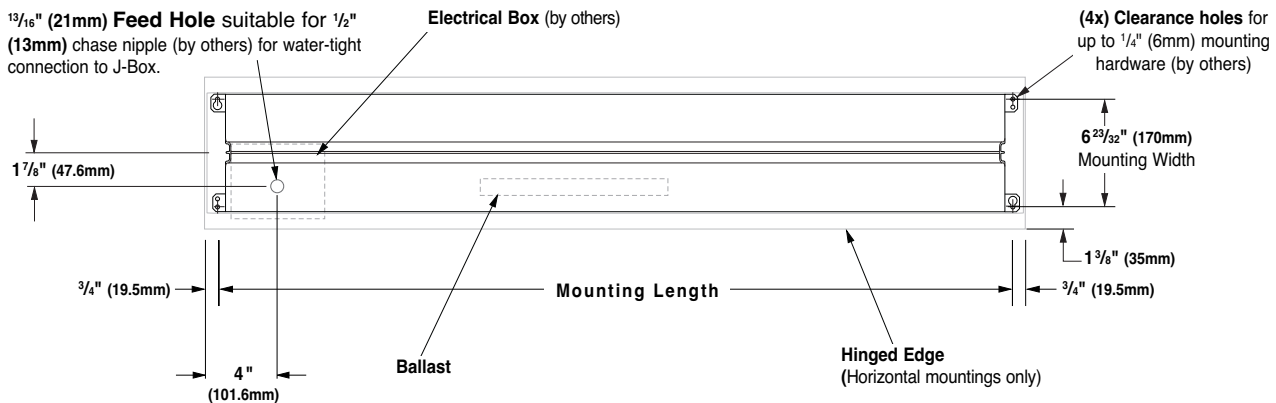
Top View



Front Closed View



Mounting View (Same orientation as Front Closed View)

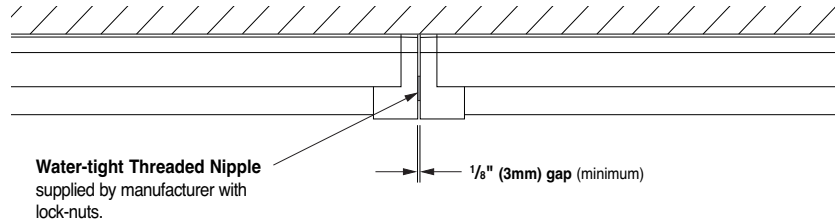


	T5 (1 or 2 lamp)		T8 (1 or 2 lamp)	
	Overall Length	Mounting Length	Overall Length	Mounting Length
2 foot individual	25.59" (650mm)	24.05" (611mm)	27.17" (690mm)	25.63" (651mm)
3 foot individual	37.40" (950mm)	35.87" (911mm)	39.2" (995mm)	37.64" (956mm)
4 foot individual	49.21" (1250mm)	47.67" (1211mm)	51.18" (1300mm)	49.65" (1261mm)

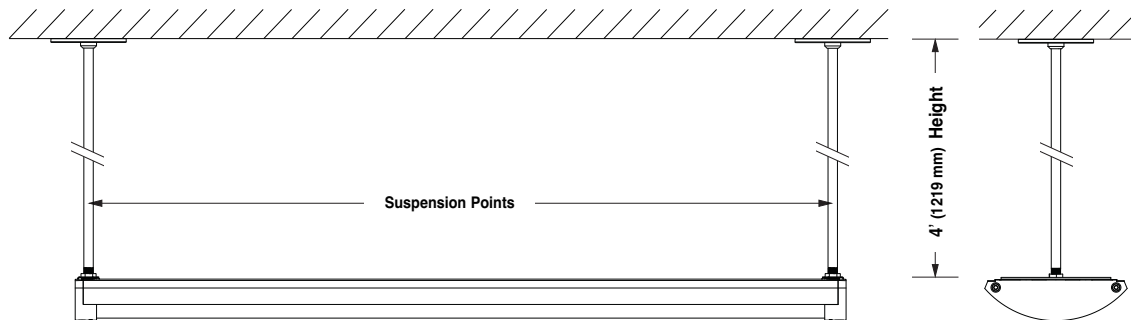
For other lengths, lamping, continuous runs or configurations please specify overall length (in feet), accessories desired and sketch/drawing of configuration. Selux will detail project drawings upon order and supply submittal drawings for approval. Individual fixtures cannot be field joined. If you have any questions, contact Selux customer service or applications engineering for assistance (1-800-SELUX-CS).

Mounting Option Details

Typical Spacing for Runs



Rigid Stem (RS) with 5/8" powder coated steel pipe, threaded on both sides. (4' shown)
6 ft. of feed cord pre-attached to luminaire.



RIGID STEM MOUNTING DETAILS				
	T5 (1 or 2 lamp)		T8 (1 or 2 lamp)	
	Overall Length	Suspension Points	Overall Length	Suspension Points
2 foot individual	25.59" (650mm)	23.82" (605mm)	27.17" (690mm)	25.39" (645mm)
3 foot individual	37.40" (950mm)	35.63" (905mm)	39.2" (995mm)	37.40" (950mm)
4 foot individual	49.21" (1250mm)	47.44" (1205mm)	51.18" (1300mm)	49.41" (1255mm)