



SRTL LED Recessed Cleanroom Troffer

A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 2SRTL G L48 18000LM IAW AFL 277 EZ1 40K 80CRI DWHXD

Series		Trim type		Length		Nominal Lumens ‡									
SRTL	Recessed wet location troffer, 1' wide ‡	G	Grid (9/16" - 1 1/2" W x 2" H)	L24	24" ‡	<b>1x4:</b>		<b>2x2:</b>		<b>2x4:</b>					
2SRTL	Recessed wet location troffer, 2' wide	F	Flange	L48	48"	<b>White:</b>		<b>White:</b>		<b>White:</b>					
		SMK	Surface mount kit factory installed	3000LM	3,000 lumens	3000LM	3,000 lumens	3000LM	3,000 lumens						
				5000LM	5,000 lumens	5000LM	5,000 lumens	5000LM	5,000 lumens						
				7000LM	7,000 lumens	7000LM	7,000 lumens	7000LM	7,000 lumens						
				10000LM	10,000 lumens	10000LM	10,000 lumens	10000LM	10,000 lumens						
				12000LM	12,000 lumens	12000LM	12,000 lumens	12000LM	12,000 lumens						
				<b>Red:</b>		15000LM	15,000 lumens	15000LM	15,000 lumens						
				800LM	800 lumens	18000LM	18,000 lumens	18000LM	18,000 lumens						
				1400LM	1,400 lumens	<b>Red:</b>		24000LM	24,000 lumens						
				1900LM	1,900 lumens	800LM	800 lumens	30000LM	30,000 lumens						
<b>Amber:</b>				1400LM	1,400 lumens	<b>Red:</b>									
2000LM	2,000 lumens	1900LM	1,900 lumens	900LM	900 lumens										
4000LM	4,000 lumens	2600LM	2,600 lumens	2200LM	2,200 lumens										
6000LM	6,000 lumens	<b>Amber:</b>		3600LM	3,600 lumens										
2000LM	2,000 lumens	5000LM	5,000 lumens												
4000LM	4,000 lumens	<b>Amber:</b>													
6000LM	6,000 lumens	3000LM	3,000 lumens												
												8000LM	8,000 lumens	5000LM	5,000 lumens
												12000LM	12,000 lumens	7000LM	7,000 lumens
												10000LM	10,000 lumens		
	</														

Door frame		Diffuser type		Voltage		Driver		Color temperature		Color rendering index	
OAW	Overlapping aluminum, white	AFL  PCL125	Acrylic, frosted .125" thick  Polycarbonate, clear .125" thick	MVOLT	120-277V	GZ1	0-10V dimming	30K	3000 K	80CRI	80 CRI
OAN	Overlapping aluminum, silver			120	120V	EZ1	eldoLED 0-10V, ECOdrive, dimming to 1% min ‡	35K	3500 K	90CRI	90 CRI
OBSN	Overlapping brushed stainless steel, natural			208	208V			40K	4000 K	(BLANK)	CRI not required with Amber and Red LEDs
IAW	Inset aluminum, white			240	240V			50K	5000 K		
IAN	Inset aluminum, silver			277	277V			AMB	Amber LEDs		
IBSN	Inset brushed stainless steel, natural			347	347V ‡			RED	Red LEDs		

Ordering continued next page

Ordering information (continued)

Options				Finish	
ETS	Generator Transfer Device <a href="#">(LINK)</a> ‡	Individual Controls: ‡	nLight Wireless:	DWAM	Antimicrobial, white
E10WLCP	Emergency battery pack, 10W, Linear Constant Power Certified in CA Title 20 MAEDBS <a href="#">(LINK)</a> ‡	SBG6 360° High Mount sensor, (15-30' mounting heights), on/off occupancy <a href="#">(LINK)</a>	NLTAIR2 APIRM Embedded wireless controls from nLight; passive Infrared Occ sensor with auto-dimming photocell for medium mounting height applications (15 - 30') <a href="#">(LINK)</a>	DWHXD	Super durable, white
SF	Single fusing ‡	SBG10 360° Low Mount Sensor, (8-15' mounting heights), on/off occupancy <a href="#">(LINK)</a>	NLTAIREM2 APIRM Embedded wireless controls from nLight with UL924 listed emergency operation; passive Infrared Occ sensor with auto-dimming photocell for medium mounting height applications (15 - 30') <a href="#">(LINK)</a>		
DF	Double fusing ‡	SBG6 P 360° High Mount Sensor, (15-30' mounting heights), on/off photocell <a href="#">(LINK)</a>	NLTAIRER2 APIRM Embedded wireless controls from nLight with UL924 listed emergency operation via power sense leads; Passive Infrared Occ sensor with auto-dimming photocell for medium mounting height applications (15 - 30') <a href="#">(LINK)</a>		
RRL_	RELOC®-Ready luminaire	SBG10 P 360° Low Mount Sensor, (8-15' mounting heights), on/off photocell <a href="#">(LINK)</a>	NLTAIR2 APIR Embedded wireless controls from nLight; passive Infrared occ sensor with auto-dimming photocell for low mounting height applications (8 - 15') <a href="#">(LINK)</a>		
NSG	Non- silicone gasketing ‡	SBG6 D 3V 360° High Mount sensor, (15-30' mounting heights), high/low occupancy dimming <a href="#">(LINK)</a>	NLTAIREM2 APIRH Embedded wireless controls from nLight with UL924 listed emergency operation; Passive Infrared Occ sensor with auto-dimming photocell for low mounting height applications (8 - 15') <a href="#">(LINK)</a>		
SPD	Surge protection (10kV)	SBG10 D 3V 360° Low Mount sensor, (8-15' mounting heights), high/low occupancy dimming <a href="#">(LINK)</a>	NLTAIRER2 APIR Embedded wireless controls from nLight with UL924 listed emergency operation via power sense leads; passive Infrared Occ sensor with auto-dimming photocell for low mounting height applications (8 - 15') <a href="#">(LINK)</a>		
SLDM	step level dimming module, 100% to 50% ‡		NLTAIR2 APIRH Embedded wireless controls from nLight; passive infrared occ sensor with auto-dimming photocell for high mounting height applications (40+') <a href="#">(LINK)</a>		
AO	Field adjustable output		NLTAIREM2 APIRH Embedded wireless controls from nLight with UL924 listed emergency operation; passive infrared occ sensor with auto-dimming photocell for high mounting height applications (40+') <a href="#">(LINK)</a>		
		Bluetooth Sensors:	NLTAIR2 Embedded wireless controls from nLight <a href="#">(LINK)</a>		
		SBG6 OCC BTP 360° High Mount Sensor, (15-45' mounting heights), on/off occupancy, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>	NLTAIREM2 Embedded wireless controls from nLight with UL924 listed emergency operation; passive infrared occ sensor with auto-dimming photocell for high mounting height applications (40+')		
		SBG10 OCC BTP 360° Low Mount Sensor, (7-15' mounting heights), on/off occupancy, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>	NLTAIRER2 Embedded wireless controls from nLight with UL924 listed emergency operation via power sense leads; passive infrared occ sensor with auto-dimming photocell for high mounting height applications (40+')		
		SBG6 HL BTP 360° High Mount Sensor, (15-45' mounting heights), high/low(off) occupancy dimming, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>			
		SBG10 HL BTP 360° Low Mount Sensor, (7-15' mounting heights), high/low(off) occupancy dimming, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>			
		SBG6 ADC BTP 360° High Mount Sensor, (15-45' mounting heights), on/off occupancy with auto dimming photocell, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>			
		SBG10 ADC BTP 360° Low Mount Sensor, (7-15' mounting heights), on/off occupancy with auto dimming photocell, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>			
		SBG6 ANL BTP 360° High Mount Sensor, (15-45' mounting heights), high/low(off) occupancy dimming with auto dimming photocell, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>			
		SBG10 ANL BTP 360° Low Mount Sensor, (7-15' mounting heights), high/low(off) occupancy dimming with auto dimming photocell, utilizes smart hub for Bluetooth® programmability <a href="#">(LINK)</a>			

Accessories: Order as separate catalog number.	
XRTL XLF L48 FLANGE KIT	Field installable extra-large flange kit, for use with SRTL product utilizing inset doors.
2XRTL XLF L24 FLANGE KIT	Field installable extra-large flange kit for use with 2SRTL L24 fixtures utilizing inset doors.
2XRTL L48 FLANGE KIT	Field installable extra-large flange kit for use with 2STRL L48 utilizing inset doors.

SRTL LED Recessed Cleanroom Troffer

CONFIGURATIONS

Lumens	1' X 4'	2' X 2'	2' X 4'
3,000LM	X	X	X
5,000LM	X	X	X
7,000LM	X	X	X
10,000LM	X	X	X
12,000LM	X	X	X
15,000LM		X	X
18,000LM		X	X
24,000LM			X
30,000LM			X




‡ Option Value Ordering Restrictions	
Option value	Restriction
347	Not available with E10WLCP, ETS, or EZ1 options.
DF	Only available with 208v or 240v.
IE10WLCP	Must specify voltage. Not available with MVOLT, 347V, ETS, or 2SRTL L24 when 15000LM or 18000LM are required. For use in ambient temperatures from 0°C (32°F) to 25°C (77°F).
ETS	Not available with sensors that have the ER option.
EZ1	Not available with 347V.
L24	Available with 2SRTL only..
NSG	Not available with control options.
SF	Available with 120, 277 or 347V.
SLDM	Not available with 347V, E10WLCP, or ETS. Not available with SRTL L48 12000LM, 2SRTL L24 12000LM, 15000LM 18000LM, 24000LM or 2SRTL L48 15000LM, 18000LM, 24000LM or 30000LM.
SRTL	Only available with L48 length.

MAXIMUM AMBIENT TEMPERATURES (CELSIUS)

Fixture size	Lumen package	IC rating	Standard fixture including controls	E10WLCP	ETS
1 X4	3000LM	IC	40	30	30
	5000LM	IC	40	30	30
	7000LM	IC	40	30	30
	10000LM	NON-IC	40	25	35
	12000LM	NON-IC	40	25	35
2X2	3000LM	IC	40	30	30
	5000LM	IC	40	30	30
	7000LM	IC	40	30	30
	10000LM	NON-IC	40	25	35
	12000LM	NON-IC	40	25	35
	15000LM	NON-IC	40	N/A	25
2X4	18000LM	NON-IC	35	N/A	N/A
	3000LM	IC	40	30	30
	5000LM	IC	40	30	30
	7000LM	IC	40	30	30
	10000LM	IC	40	30	30
	12000LM	IC	40	30	30
	15000LM	NON-IC	40	25	35
	18000LM	NON-IC	40	25	35
	24000LM	NON-IC	40	25	35
	30000LM	NON-IC	35	N/A	N/A

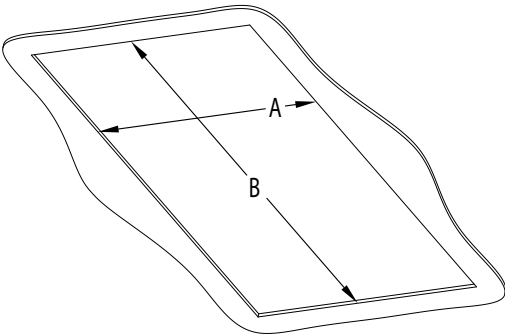
SBG EZ – EMBEDDED Motion Sensor (see [www.acuitycontrols.com](http://www.acuitycontrols.com) for additional information)

- 360° coverage
- On/Off dim
- Photocell optional
- IP66 rated
- Photocell and 0-10VDC dimming options.

Control Type	Sensor Nomenclature	Sensor Used	Out of the box settings					Fixture Image with Sensor	Notes
			Unoccupied Time Until Dim	Dim to Off Time Delay	Occupied Dim Level	Unoccupied Dim Level	Daylighting Set Point		
Standalone	<a href="#">SBG10</a>	SBG 10 EZ WH 0V	5M	n/a	100%	0V	n/a		
	<a href="#">SBG10 D</a>	SBG 10 EZ WH 3V	5M	n/a	100%	30%	n/a		
	<a href="#">SBG10 P</a>	SBG 10 EZ P WH 0V 10M	10M	n/a	100%	0V	5FC		
	<a href="#">SBG6</a>	SBG 6 EZ WH 0V	5M	n/a	100%	0V	n/a		
	<a href="#">SBG6 D</a>	SBG 6 EZ WH 3V	5M	n/a	100%	30%	n/a		
	<a href="#">SBG6 P</a>	SBG 6 EZ P WH 0V 10M	10M	n/a	100%	0V	5FC		
Bluetooth	<a href="#">SBG10 OCC BTP</a>	SBG10 BTP OCC	10M	n/a	10V	n/a	n/a		Not a dimming sensor, so no dim to off, it just goes off
	<a href="#">SBG10 HL BTP</a>	SBG10 BTP HL	10M	2.5M	10V	10%	n/a		
	<a href="#">SBG10 ADC BTP</a>	SBG10 BTP ADC	10M	2.5M	10V	10%	50FC		
	<a href="#">SBG10 ANL BTP</a>	SBG10 BTP ANL	10M	n/a	10V	10%	50FC		Never off due to occupancy
	<a href="#">SBG6 OCC BTP</a>	SBG6 BTP OCC	10M	n/a	10V	n/a	n/a		Not a dimming sensor, so no dim to off, it just goes off
	<a href="#">SBG6 HL BTP</a>	SBG6 BTP HL	10M	2.5M	10V	10%	n/a		
	<a href="#">SBG6 ADC BTP</a>	SBG6 BTP ADC	10M	2.5M	10V	10%	50FC		
	<a href="#">SBG6 ANL BTP</a>	SBG6 BTP ANL	10M	n/a	10V	10%	50FC		Never off due to occupancy
NLTAIR2	<a href="#">APIR</a>	RSBG10	7.5M	2.5M	100%	10%	50FC		
	<a href="#">APIRM</a>	RSBG6							
	<a href="#">APIRH</a>	RSBG40							
NLTAIREM2	<a href="#">APIR</a>	RSBG10	7.5M	2.5M	100%	10%	50FC		
	<a href="#">APIRM</a>	RSBG6							
	<a href="#">APIRH</a>	RSBG40							
NLTAIRER2	<a href="#">APIR</a>	RSBG10	7.5M	2.5M	100%	10%	50FC		
	<a href="#">APIRM</a>	RSBG6							
	<a href="#">APIRH</a>	RSBG40							
NLTAIR2	NLTAIR2	RIO	n/a	n/a	80%	n/a	n/a		Not a sensor

MOUNTING DATA

Rough-in



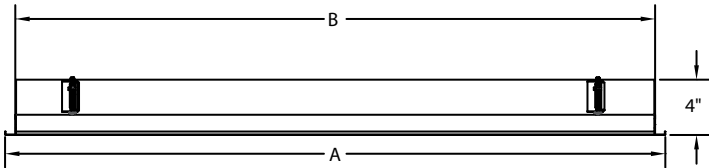
Rough-in dimensions

Configuration	A (inches)	B (inches)
1x4	10 1/2	46 1/2
2x2	22 1/2	22 1/2
2x4	22 1/2	46 1/2

DIMENSIONS

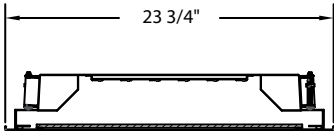
All dimensions are in inches (centimeters) unless otherwise indicated.  
Dimensions may vary with options or accessories.  
Standard height of fixture is 4". Depending on configuration, a back box may be included which adds 2 5/8" to its height.

Weight: (may vary with options or accessories)  
1x4: 24 lbs (10.9 kg)  
2x2: 23 lbs (10.43 kg)  
2x4: 45 lbs (20.41 kg)

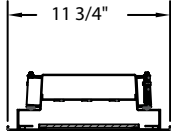


SIDE VIEW

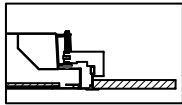
Series	Length	(A) Flange Length	(B) Housing Length
2SRTL	L48	47-3/4"	46-1/4"
2SRTL	L24	23-3/4"	22-1/4"
SRTL	L48	47-3/4"	46-1/4"



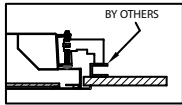
FRONT VIEW  
2SRTL



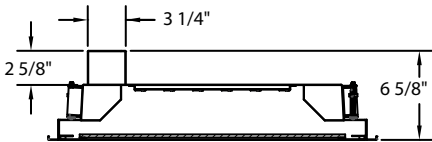
FRONT VIEW  
SRTL



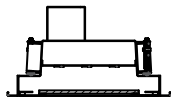
GRID MOUNTING  
INSET



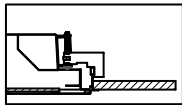
FLANGE MOUNTING  
INSET



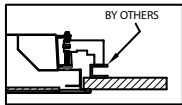
FRONT VIEW  
BACK BOX  
2SRTL



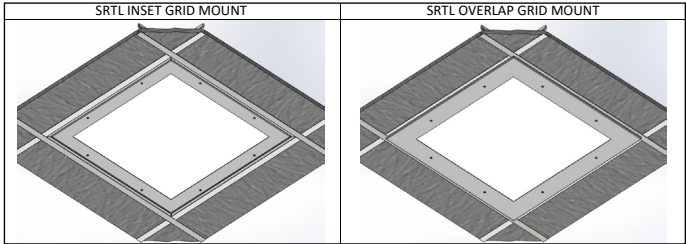
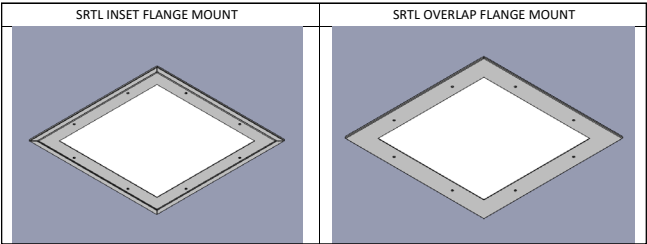
FRONT VIEW  
BACK BOX  
SRTL



GRID MOUNTING  
OVERLAP



FLANGE MOUNTING  
OVERLAP



PHOTOMETRICS

See [www.AcuityBrands.com](http://www.AcuityBrands.com)  
Photometry files include UGR rating chart.

OPERATIONAL DATA

SRTL 1 X 4					Nominal Lumens							
CCT					3000K		3500K		4000K		5000K	
CRI					80CRI	90CRI	80CRI	90CRI	80CRI	90CRI	80CRI	90CRI
Series	Fixture length	Lumen package	Voltage	Wattage								
SRTL	L48	3000LM	347	24	2897	2535	2938	2596	3018	2636	3078	2736
			MVOLT									
		5000LM	347	38	4967	4347	5036	4450	5174	4519	5278	4691
			MVOLT									
		7000LM	347	55	6764	5919	6858	6060	7046	6154	7187	6389
			MVOLT									
		10000LM	347	84	9667	8458	9801	8660	10069	8794	10271	9130
			MVOLT									
		12000LM	347	98	11588	10139	11749	10381	12071	10542	12312	10944
			MVOLT									
2SRTL 2 X 2					Nominal Lumens							
CCT					3000K		3500K		4000K		5000K	
CRI					80CRI	90CRI	80CRI	90CRI	80CRI	90CRI	80CRI	90CRI
Series	Fixture length	Lumen package	Voltage	Wattage								
2SRTL	L24	3000LM	347	26	2927	2561	2967	2622	3049	2662	3109	2764
			MVOLT	24								
		5000LM	347	40	4905	4292	4974	4394	5110	4463	5212	4633
			MVOLT									
		7000LM	347	55	6801	5951	6896	6093	7085	6187	7226	6423
			MVOLT									
		10000LM	347	91	9604	8403	9737	8603	10004	8737	10204	9070
			MVOLT	81								
		12000LM	347	109	11534	10092	11694	10333	12015	10493	12255	10893
			MVOLT	99								
		15000LM	347	136	14481	12671	14682	12972	15084	13174	15386	13676
			MVOLT	122								
		18000LM	347	144	16502	14439	16731	14783	17189	15012	17533	15585
			MVOLT	143								
2SRTL 2 X 4					Nominal Lumens							
CCT					3000K		3500K		4000K		5000K	
CRI					80CRI	90CRI	80CRI	90CRI	80CRI	90CRI	80CRI	90CRI
Series	Fixture length	Lumen package	Voltage	Wattage								
2SRTL	L48	3000LM	347	27	2999	2625	3041	2687	3124	2729	3187	2833
			MVOLT	22								
		5000LM	347	37	4816	4214	4883	4315	5017	4382	5117	4549
			MVOLT									
		7000LM	347	54	6761	5916	6855	6057	7043	6150	7183	6385
			MVOLT	50								
		10000LM	347	77	10048	8792	10187	9001	10466	9141	10676	9490
			MVOLT	77								
		12000LM	347	92	11673	10214	11835	10457	12159	10619	12403	11024
			MVOLT	86								
		15000LM	347	115	14473	12663	14674	12965	15076	13166	15377	13668
			MVOLT	105								
		18000LM	347	141	17386	15213	17627	15575	18110	15816	18472	16420
			MVOLT	128								
		24000LM	347	126	23088	20202	23408	20683	24050	21004	24531	21805
			MVOLT	170								
		30000LM	347	232	28793	25194	29193	25794	29993	26193	30592	27193
			MVOLT	215								

SRTL LED Recessed Cleanroom Troffer

RED LED OPERATIONAL DATA

Series	Fixture length	Lumen package	Voltage	Wattage	Nominal Lumens
SRTL	L48	800LM	347	18	818
			MVOLT	17	
		1400LM	347	31	1419
			MVOLT	30	
		1900LM	347	43	1910
			MVOLT	42	
Series	Fixture length	Lumen package	Voltage	Wattage	Nominal Lumens
2SRTL	L24	800LM	347	20	823
			MVOLT	20	
		1400LM	347	32	1477
			MVOLT	31	
		1900LM	347	45	2045
			MVOLT	44	
		2600LM	347	67	2827
			MVOLT	65	
Series	Fixture length	Lumen package	Voltage	Wattage	Nominal Lumens
2SRTL	L48	900LM	347	18	936
			MVOLT	17	
		2200LM	347	43	2212
			MVOLT	42	
		3600LM	347	74	3623
			MVOLT	72	
		5000LM	347	106	4914
			MVOLT	103	

AMBER LED OPERATIONAL DATA

Series	Fixture length	Lumen package	Voltage	Wattage	Nominal Lumens
SRTL	L48	2000LM	347	23	2335
			MVOLT	23	
		4000LM	347	36	4043
			MVOLT	35	
		6000LM	347	62	6098
			MVOLT	60	
Series	Fixture length	Lumen package	Voltage	Wattage	Nominal Lumens
2SRTL	L24	2000LM	347	25	2012
			MVOLT	24	
		4000LM	347	45	4209
			MVOLT	44	
		6000LM	347	68	6190
			MVOLT	66	
		8000LM	347	94	8142
			MVOLT	92	
		12000LM	347	141	11909
			MVOLT	138	
Series	Fixture length	Lumen package	Voltage	Wattage	Nominal Lumens
2SRTL	L48	3000LM	347	26	3034
			MVOLT	25	
		5000LM	347	44	5095
			MVOLT	43	
		7000LM	347	61	7076
			MVOLT	60	
		10000LM	347	90	9948
			MVOLT	88	
		12000LM	347	104	12065
			MVOLT	102	
		15000LM	347	133	14778
			MVOLT	130	

RRL - RELOC®-Ready Luminaire

- RRL connectors to be used with the OnePass system.
- Load side of connector factory installed to luminaire.
- 4-pole mating connector with push-in terminations allows for simple installation.
- Touch-safe design on both halves meets UL/CSA requirement.
- Wiping contact design allows safe disconnect under load.



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: RRLA

Series	Wiring instructions
RRL RELOC®-ready luminaire	A Hot conductor wired to position #1 (phase A); non-dimming B Hot conductor wired to position #2 (phase B); non-dimming AE Hot conductor wired to position #1 (phase A), hot conductor #2 wired to position #2 (phase B); non-dimming <sup>1</sup> C12S Hot conductor in position #1 (phase A), low voltage conductor #1 in position #2, low voltage conductor #2 in position #3; dimming <sup>2</sup>