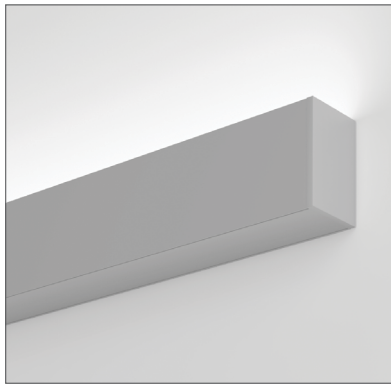
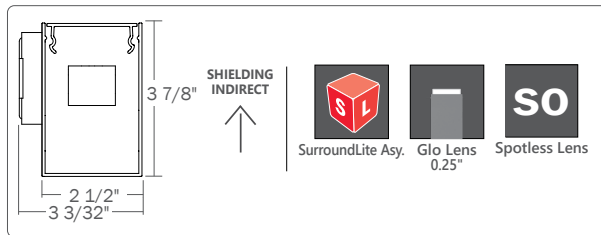


Beam 2

Wall mount - Indirect



Spotless lens - up



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING I
1100 lm/ft	7.9 W/ft	139 lm/W	0.25G
1100 lm/ft	8.2 W/ft	135 lm/W	SO
1100 lm/ft	9.3 W/ft	118 lm/W	SLA

Please consult factory for custom lumen output and wattage.



Ordering Guide

TB2WILED									
PRODUCT ID		NOM. LUM/FT UP		CRI		COLOR TEMP. (choose one)		SHIELDING INDIRECT	LENGTH (FT)
TB2WILED	Beam 2 - Wall Indirect LED	300	300 lm/ft-Min	80	80 CRI	27	2700 K	TW2750 2700-5000 K - Tunable White	SO spotless lens
		1100	1100 lm/ft-Max	90	90 CRI*	30	3000 K	TW2765 2700-6500 K - Tunable White	SLA surroundlite asymmetric
						35	3500 K	BTW3527 3500-2700 K - Tunable BIOS	0.25G 0.25" Glo lens
						40	4000 K	BTW4027 4000-2700 K - Tunable BIOS	
						B30	3000 K - BIOS*		
						B35	3500 K - BIOS*		
						B40	4000 K - BIOS*		
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS.		* Not available with BIOS.		Consult Axtune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology.		Choose only one of the options abovevcv	
								* SurroundLite Asy. available in 1' increments	

FINISH	VOLTAGE	DRIVER	CIRCUITS	BATTERY (OPT.)
AP aluminum paint	120 120 V	DP dimming (0-10V) 1%	1 1 circuit	B(##) battery pack (integral)
W white	277 277 V	LT(##) Lutron*	2 2 circuits	
BLK black	347 347 V	BI bi-level dimming	+E(##) emergency circuit*	
C custom	UNV universal	O(##) other**	+NL(##) night light circuit*	
	DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*	+GTD(##) generator transfer device*	
		DPB(DYN) Bio-dimming™ 100%-81% with BIOS*	+M MR	
		TW(##) tunable white drivers*		
		POE(##) POE drivers*		
* Only available with POE drivers.		* See page 2 to specify system **Please consult factory; see page 2		Requires 120V or 277V; Minimum 5ft; Not available with 347V Please consult factory

IC CONTROLS (OPTIONAL)		CUSTOM (OPT.)
DS(#)	daylight sensor	C custom
OS(#)	occupancy sensor	
DOS(#)	daylight & occupancy sensor	
EN(#)	Enlighted integral*	
ENR(#)	Enlighted remote*	
WC(#)	wireless control dimming	
*Please consult factory Specify quantity. Requires 8" blank. See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPR (DYN) driver for BIOS with Dynamic Spectrum.		Please specify

SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
End Cap	Cast aluminum
Interior Brackets	Die formed sheet steel (20 gauge)
Reflectors	White powder coated sheet steel (22 gauge)
Louvers	Die formed semi-specular aluminum (22 gauge)
Lenses	Extruded acrylic (0.070" nominal)
Hanger	adjustable slide mount
Suspension	Y shape aircraft cable or Ø 1/2" stem

ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

WEIGHT

Indirect 4 ft	13.2 lbs / 6.0 kg
Indirect 8 ft	26.4 lbs / 12.0 kg
Indirect 12 ft	39.6 lbs / 18.0 kg

WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

SYSTEM (S#)

BEAM2 SurroundLite linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM2 SurroundLite that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of 4', 8' and/or 12' sections to be assembled on site using our joining system. System runs with SurroundLite available in 1' increments only. For more information on systems and joining, please refer to the BEAM installation sheets available for download at www.axislighting.com.

LED SYSTEM

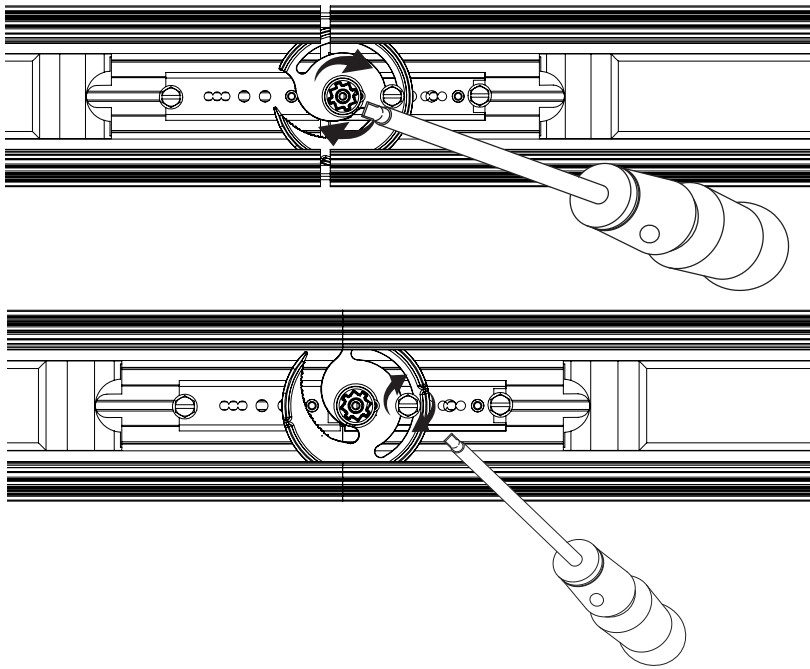
CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

● InstaJoiner

BEAM2 SurroundLite luminaires feature InstaJoiner, a unique, patent-pending, joining system developed by Axis offering fast, single-screw tightening.

NOTE: Mount each system segment individually.
Do not assemble system prior to mounting.

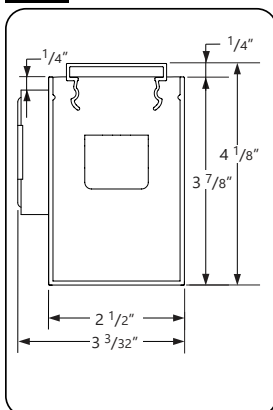
i Allow a minimum of 6" between end of long runs and wall.



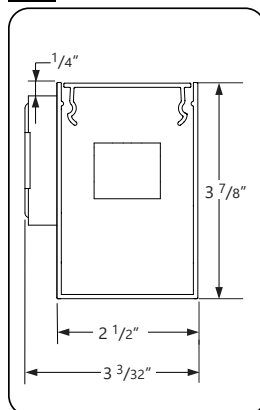
i Patent - Pending

● SECTION VIEWS

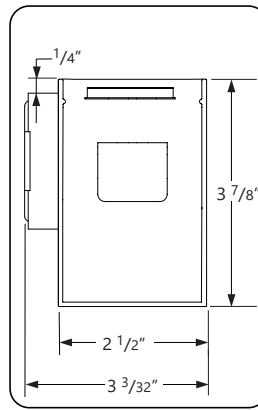
0.25G 0.25" Glo lens - Indirect



SO Spotless lens - Indirect

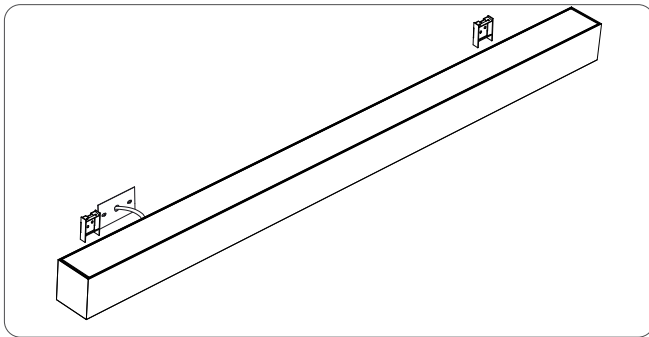


SLA SurroundLite Asy. - Indirect

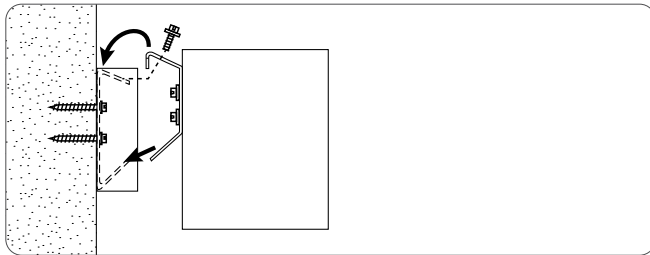


● MOUNTING OPTIONS

HORIZONTAL MOUNTING DETAILS

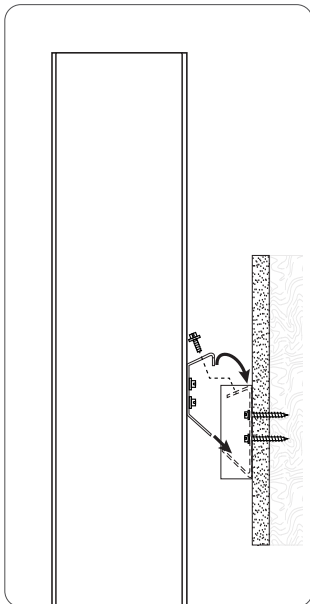


MOUNTING BRACKETS

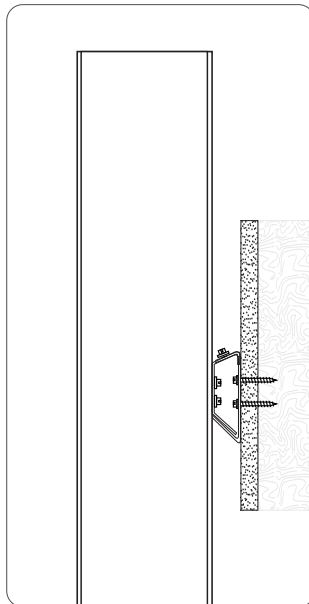


SIDE VIEW

VERTICAL MOUNTING DETAILS



MOUNTING BRACKETS



SIDE VIEW

● OTHER MOUNTING OPTIONS

BEAM2 SurroundLite is also available with wall and horizontal wall mounted options.

- ❗ Specification sheets and installation sheets for all mountings for BEAM2 SurroundLite luminaires are available for download at www.axislighting.com

● FINISH

Aluminium paint, powder coated and custom finishes are also available.

● APPROVALS

Certified to UL and CUL standards
Meets NYC requirements
Meets ADA requirements.
Suitable for damp locations.



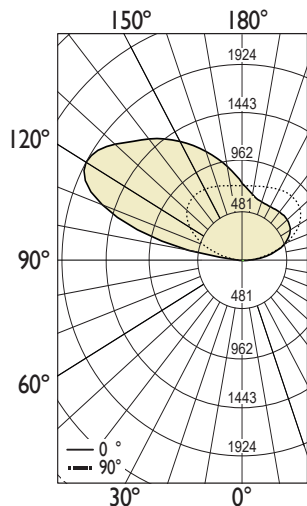
● PHOTOMETRIC DATA

SLA SurroundLite asymmetric - Up

1100 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1100 lm/ft
Total Lumens: 4400 lm (for 4ft)
Input Watts: 37.3 W
Efficacy: 118 lm/W

IES FILE: TB2WILED-1100-80-35-SLA-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

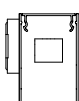
Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	12	10	6	6	7	9	11	22	2
95	94	125	127	121	121	128	135	123	48
105	357	338	360	369	373	366	355	337	292
115	600	526	514	529	539	526	512	526	550
125	751	645	602	601	607	600	601	645	724
135	812	693	636	620	620	619	635	694	803
145	811	696	638	614	609	614	638	698	814
155	782	686	634	608	602	609	635	691	789
165	750	687	647	625	620	627	651	696	757
175	733	713	699	692	692	697	709	725	736
180	747	747	747	747	747	747	747	747	747

ZONAL LUMENS

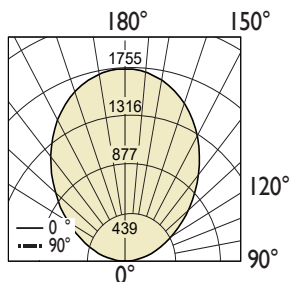
Zone	Lumens
90	
90-100	136
100-110	574
110-120	829
120-130	849
130-140	741
140-150	578
150-160	397
160-170	226
170-180	72
180	

SO Spotless lens - Up

1100 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1100 lm/ft
Total Lumens: 4399 lm (for 4ft)
Input Watts: 32.6 W
Efficacy: 135 lm/W

IES FILE: TB2WILED-1100-80-35-SO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	6	12	19	26	30
95	65	85	97	104	110
105	233	250	272	289	299
115	455	464	473	486	495
125	719	719	713	713	720
135	996	992	984	976	980
145	1264	1263	1256	1247	1252
155	1491	1497	1490	1486	1491
165	1654	1659	1660	1660	1664
175	1737	1742	1746	1747	1747
180	1755	1755	1755	1755	1755

ZONAL LUMENS

Zone	Lumens
90	
90-100	100
100-110	284
110-120	476
120-130	652
130-140	772
140-150	793
150-160	689
160-170	468
170-180	166
180	

i All IES files for other lamping are available for download at: www.axislighting.com

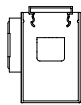
Beam 2

Wall mount - Indirect

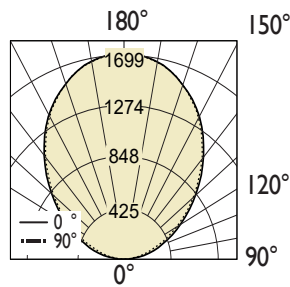
● PHOTOMETRIC DATA

0.25G 0.25" Glo lens

1100 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1100 lm/ft
Total Lumens: 4401 lm (for 4ft)
Input Watts: 31.7 W
Efficacy: 139 lm/W

IES FILE: TB2WILED-1100-80-35-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	7	40	80	110	122
95	61	104	146	176	188
105	219	258	303	337	350
115	427	466	497	526	540
125	678	710	731	745	757
135	951	973	986	992	1000
145	1216	1231	1239	1242	1248
155	1444	1452	1458	1462	1467
165	1602	1606	1614	1617	1622
175	1685	1686	1690	1692	1693
180	1699	1699	1699	1699	1699

ZONAL LUMENS

Zone	Lumens
90	
90-100	68
100-110	194
110-120	324
120-130	445
130-140	526
140-150	541
150-160	470
160-170	319
170-180	113
180	

i All IES files for other lamping are available for download at: www.axislighting.com