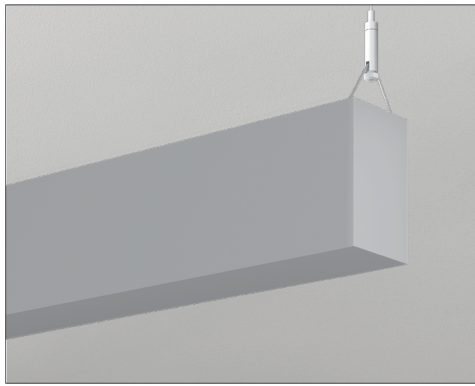


Beam 2



Project _____

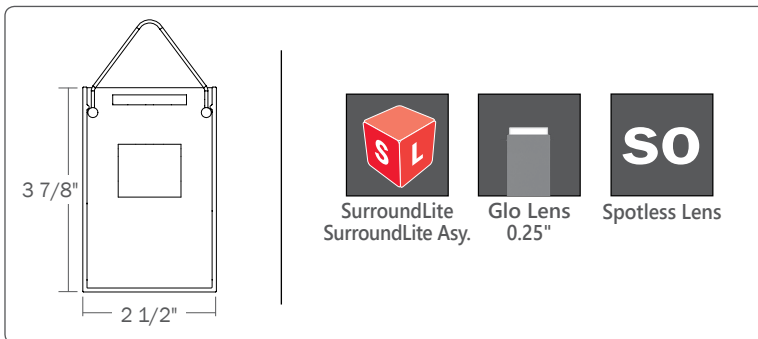
Type _____

Notes

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING I
600 lm/ft	5.75 W/ft	104 lm/W	0.25G
600 lm/ft	5.75 W/ft	104 lm/ft	SO
1100 lm/ft	10.3 W/ft	107 lm/ft	SLA

Please consult factory for custom lumen output and wattage.



Ordering Guide

TB2ILED							
PRODUCT ID		NOM. LUM/FT UP		CRI		COLOR TEMP.	
TB2ILED	Beam2 - Pendant Indirect LED	400	400 lm/ft - Minimum	80	80 CRI	27	2700 K
		1100	1000 lm/ft - Maximum *	90	90 CRI	30	3000 K
						35	3500 K
						40	4000 K
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range				Consult Axitune spec sheet for Axis color technology options Choose only one of the options above; SurroundLite not available with direct (1) Available in 3' and 4' combinations; otherwise consult factory.	

LENGTH (FT)		MR (OPTIONAL)	FINISH	VOLTAGE		DRIVER		CIRCUITS			
2	2'	DMLD(#)	downlight modle LED	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit
3	3'			W	white	277	277 V	LT	Lutron ⁽²⁾	2	2 circuits
4	4'			BLK	black	347	347 V	BI	bi-level dimming	+E(#)	emergency circuit ⁽⁴⁾
5	5'			C	custom	UNV	universal	O	other ⁽³⁾	+NL(#)	night light circuit ⁽⁴⁾
8	8'									+GTD(#)	generator transfer device ⁽⁴⁾
12	12'									+M	MR
S#	System Run										
		Add 6" per lamp, Specify quantity Separate circuits included.				(2) Specify system (3) Please consult factory; see page 2 Consult Axitune spec sheet for Axis color driver options		(4) Specify quantity			

MOUNTING/SUSPENSION		BATTERY (OPTIONAL)		OTHER (OPTIONAL)		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
CA(#)	drywall+cable length (36" std.)	B#	battery pack (integral)	F	fuse ⁽⁵⁾	DS#	daylight sensor	C	custom
CT9(#)	TB/TG 9/16+cable length (36" std.)					OS#	occupancy sensor		
CT15(#)	TB/TG 15/16+cable length (36" std.)					DOS#	daylight & occupancy sensor		
CTS(#)	ST+cable length (36" std.)					EN#	Enlighted integral ⁽⁶⁾		
SA(#)	drywall+stem length >48" (18" std.)					ENR#	Enlighted remote ⁽⁶⁾		
						WC#	wireless control dimming		
White canopy standard		Minimum 5ft; please consult factory. Not available with 347V.		(5) Requires 120V or 277V		(6) Please consult factory Specify quantity. Requires 8" blank. See pages 4-5 for more details. See integrated controls guide for more details.			Please specify

Beam 2

Pendant mount - Indirect

● 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 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%)
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor POE (Power over Ethernet) - Low Voltage Lighting System.
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

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

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT	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.
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 in operating ambient temperatures of 0-40°C (32-104°F).
Louver LED	Individual LED cluster in each louver cell.

● 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. For more information on systems and joining, please refer to the BEAM installation sheets available for download at www.axislighting.com.

● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● 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

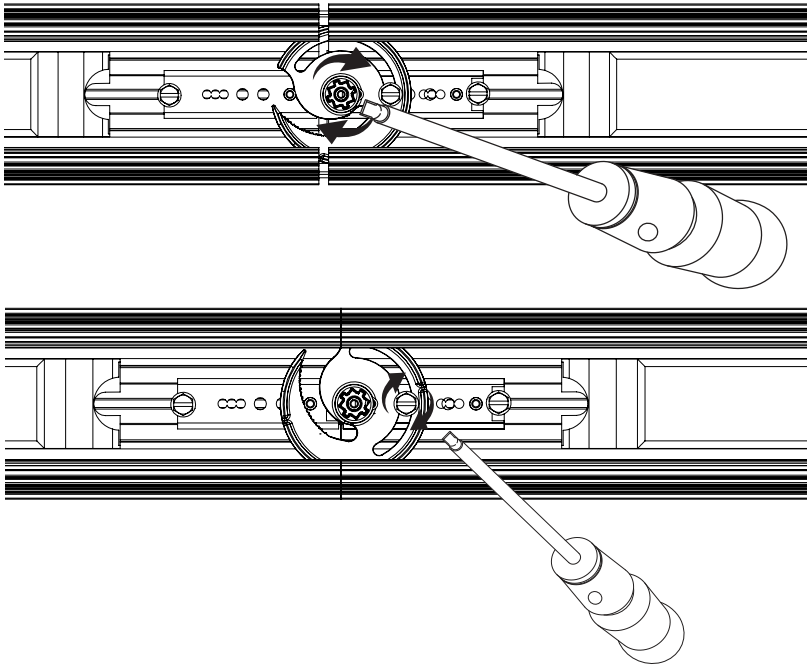
● InstaJoiner

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.

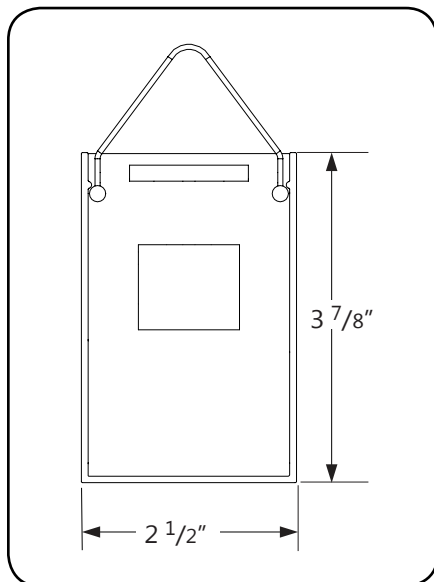
Do not assemble system prior to mounting

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



SECTION VIEWS

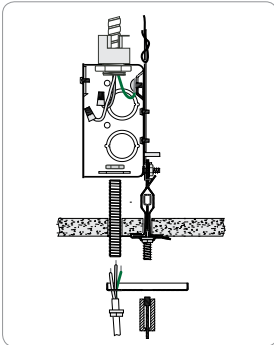
SL/SLA SurroundLite/SurroundLite Asymmetric



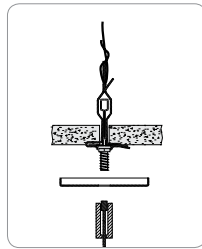
Beam 2 | Pendant mount - Indirect

● MOUNTING OPTIONS

CT TILE CEILING - ON GRID

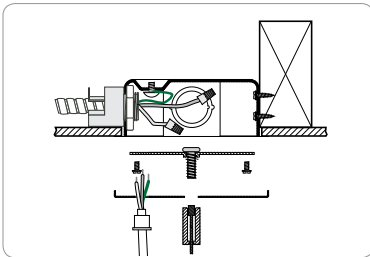


Power feed

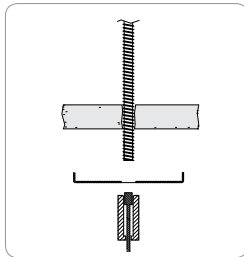


Non power feed

CA DRYWALL CEILING

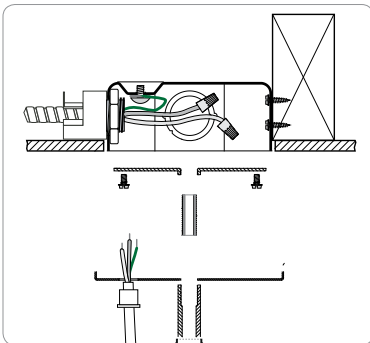


Power feed

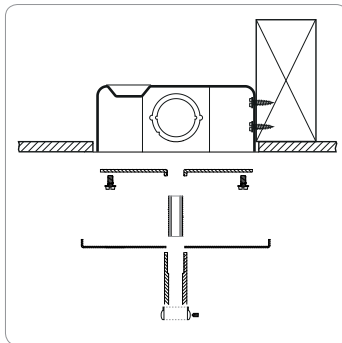


Non power feed

SA STEM MOUNT IN DRYWALL CEILING



Power feed



Non power feed

● OTHER MOUNTING OPTIONS

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

- i** 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.



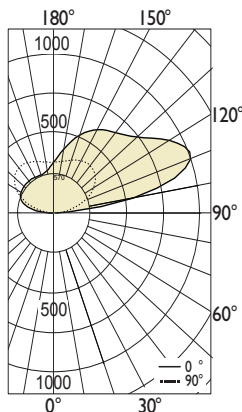
● PHOTOMETRIC DATA

SLA SurroundLite asymmetric - Up

Uplight
1100 lm/ft
Downlight
0 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1100 lm/ft

Lumen/ft down: 0 lm/ft

Total Lumens: 4634 lm (for 4ft)

Input Watts: 44.7 W

Efficacy: 104 lm/W

IES FILE: TB2DILED-1100-0-80-35-SLA-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

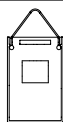
Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	0	0	0	0	0	0	0	0	0
95	228	325	263	142	83	132	163	188	186
105	1938	1724	828	456	357	353	368	432	463
115	2239	1803	1021	729	615	544	490	531	569
125	1860	1589	1165	942	784	660	569	574	595
135	1572	1477	1258	1054	870	709	608	594	600
145	1440	1403	1258	1073	879	715	619	595	594
155	1289	1259	1156	993	833	699	619	589	582
165	1060	1036	970	873	774	688	630	600	590
175	818	811	793	766	735	705	681	664	659
180	727	727	727	727	727	727	727	727	727

ZONAL LUMENS

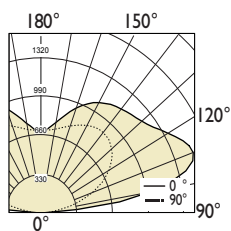
Zone	Lumens
90	
90-100	216
100-110	714
110-120	860
120-130	826
130-140	729
140-150	585
150-160	407
160-170	227
170-180	71
180	

SL SurroundLite - Up

Uplight
1100 lm/ft
Downlight
0 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1100 lm/ft

Lumen/ft down: 0 lm/ft

Total Lumens: 4396 lm (for 4ft)

Input Watts: 42.7 W

Efficacy: 103 lm/W

IES FILE: TB2DILED-1100-0-80-35-SL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	3	3	2	2	2
95	293	308	219	124	66
105	1221	1009	538	368	315
115	1276	1039	697	585	553
125	1119	997	815	737	706
135	1040	986	885	811	779
145	991	960	889	816	779
155	900	879	823	756	725
165	758	745	711	675	660
175	633	631	627	622	620
180	614	614	614	614	614

ZONAL LUMENS

Zone	Lumens
90	
90-100	236
100-110	693
110-120	800
120-130	775
130-140	693
140-150	556
150-160	379
160-170	203
170-180	61
180	

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