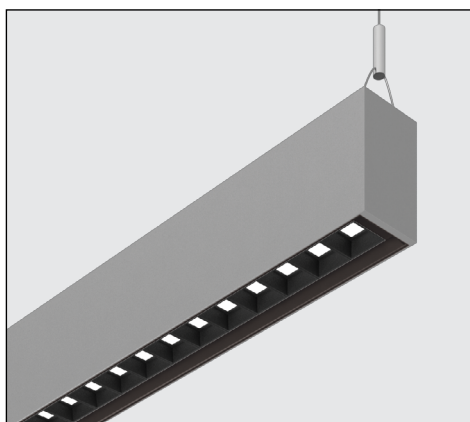
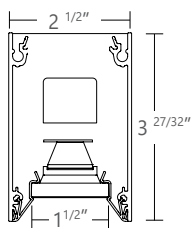




MikroLite Direct shown



*See page 3 for other section views

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

	NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
LENS			
Spotless	500 lm/ft	11.9 W/ft	105 lm/W
MikroLite™	1000lm/ft	9.8 W/ft	102 lm/W

Please consult factory for custom lumen output and wattage.



MikroLite™



Ordering Guide

TB2MLO										
PRODUCT ID		TOTAL LENGTH	Mikrolite NOM. LUMENS/FT		MikroLite CRI		MikroLite COLOR TEMP (choose one)		MikroLite BEAM SPREAD	
TB2MLO	Beam 2 pendant direct with Mikrolite only	2 2'	200	200 lm/ft - Minimum	80	80 CRI	27 2700K	TW2750 2700-5000 K - Tunable White	D38	38 deg
		3 3'	1000	1000 lm/ft - Maximum	90	90 CRI	30 3000K	TW2765 2700-6500 K - Tunable White	D55	55 deg (standard)
		4 4'					35 3500K		D60	60 deg
		5 5'					40 4000K			
		6 6'								
		8 8'								
		12 12'								
		S(L) System Run								
			Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.				Consult Axitune technical sheet for more information of color technology.		Tunable white is only available in 55 degree option.	

		RG									
MikroLite CELL FINISH		OPTICS		FINISH		VOLTAGE		DRIVER		CIRCUITS	
GR	grey	RG	regressed	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit
W	white			W	white	277	277 V	LT(#)	Lutron**-remote only*	2	2 circuits
BLK	black			BLK	black	347	347 V	BI	bi-level dimming - remote only*	+E(#)	emergency section*
				C	custom	UNV	universal	O(#)	other***	+NL(#)	night light section*
						DC	low voltage*	TW(#)	tunable white drivers**	+GTD(#)	generator transfer device*
								POE(#)	POE drivers**		
		See page 4				* Only available with POE drivers.		* Remote driver only. **See page 2 to specify system ***Please consult factory; see page 2		Minimum 3 ft length. *Specify quantity	

MOUNTING/SUSPENSION		BATTERY (OPTIONAL)		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
CA(#)	drywall+cable length (36" std.)	B(#)	battery pack	DS(#)	daylight sensor*	C	custom
CT9(#)	TB/TG 9/16+cable length (36" std.)			OS(#)	occupancy sensor*		
CT15(#)	TB/TG15/16+cable length (36" std.)			DOS(#)	daylight & occupancy sensor*		
CTS(#)	screw slot+cable length (36" std.)			EN(#)	Enlighted integral*		
SA(#)	drywall+stem length >48" (18" std.)*			ENR(#)	Enlighted remote**		
CASL(#)	drywall cable sloped ceiling			WC(#)	wireless control dimming		
SASL(#)	drywall stem sloped ceiling*						
+SM	seismic kit						
See Mounting kit guide for full specification code. Specify length *For stem option, please consult factory.		5' minimum fixture length. Not available with 347V Please consult factory		*For flush option only. Please consult factory. **Please consult factory. Applies to both UP & DOWN. Specify quantity. Requires 7" blank. See integrated controls guide for more details. Consult factory for Tunable White.		Please specify	

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
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 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).

● 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
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 UL2108 certified for integral or remote driver SMARTENGINE
Emergency	O - Other (Consult factory) Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.

*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.

● CONSTRUCTION

Housing	Extruded aluminum (0.080" nominal) up to
End Cap	Die cast aluminum
Interior Brackets	Die formed sheet steel (20 gauge)
Micro Downlight	High density composite Polycarbonate shielding and formed aluminum optical system
Mixing Lenses	Acrylic film
Hanger	Adjustable slide mount
Suspension	Y shape aircraft cable or Ø 1/2" stem
Cable Grips	Quick connecting / release
MikroLite Heat Sink	Extruded aluminum

● WEIGHT

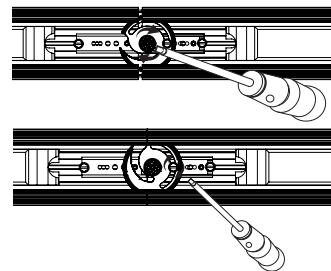
Direct 4 ft	13.2 lbs / 6.0 kg
Direct 8 ft	26.4 lbs / 12.0 kg
Direct 12 ft	39.6 lbs / 18.0 kg

● JOINERS

BEAM 2 MikroLite 1.5 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.



● APPROVALS

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

● WARRANTY

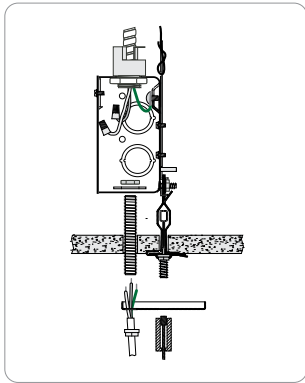
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● SYSTEM (S#)

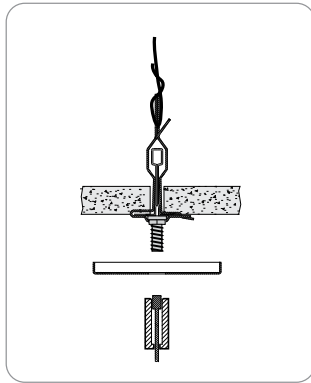
BEAM 2 MikroLite linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM 2 MikroLite that are greater than 12' in length are designated as systems (S#). This means 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.

● **MOUNTING OPTIONS**

CT TILE CEILING - ON GRID

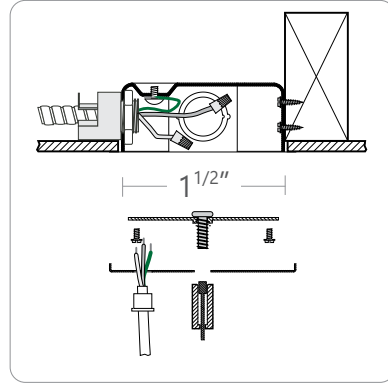


Power feed

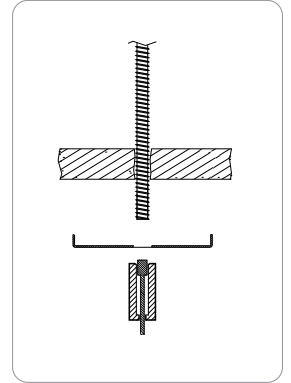


Non power feed

CA DRYWALL CEILING

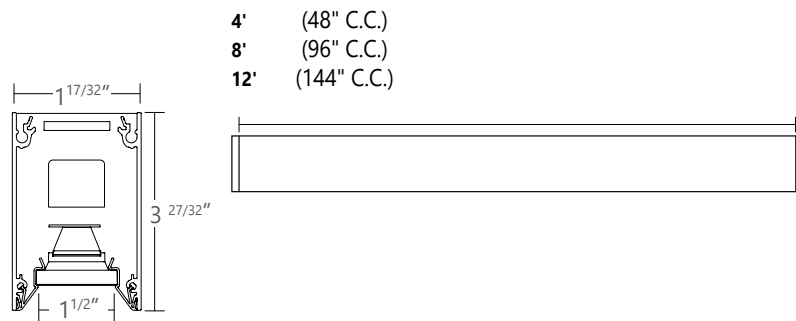


Power feed

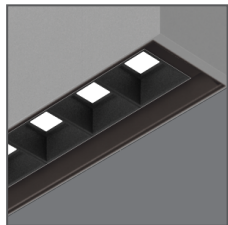


Non power feed

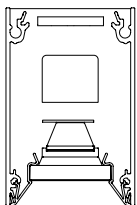
● **MOUNTING SPACING END TO END**



● **OPTICS** - MikroLite™ 1.5

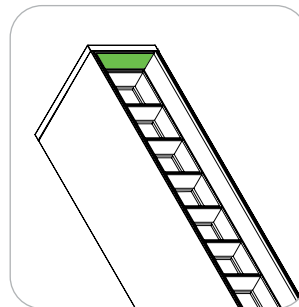


RG - regressed



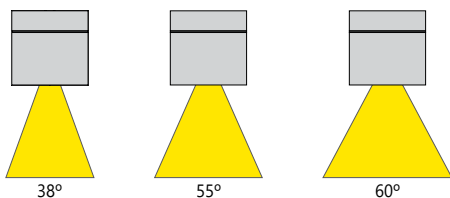
● **FACE PLATES**

Face plates are used to complete MikroLite optical sections in BEAM 2 MikroLite 1.5 luminaires



Face plate for regressed MikroLite optical section

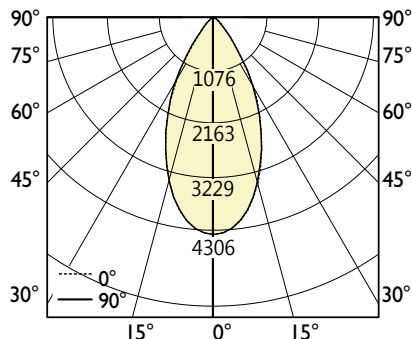
● **BEAM SPREADS**



● PHOTOMETRIC DATA

MikroLite - 3ft 1000 lm/ft

PHOTOMETRIC CURVE



Direct Output: 1000 lm/ft
Total Lumens: 3262 lm (for 3ft)
Input Watts: 32.06 W
Efficacy: 102 lm/W

IES FILE: BEAM2-1000-90-MICROLIGHT-3-W-UNV-D-1
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	4306	4306	4306	4306	4306
5	4202	4200	4199	4199	4198
15	3389	3397	3400	3391	3378
25	2162	2164	2149	2161	2151
35	896	969	1060	1016	933
45	266	276	320	285	273
55	81	83	63	84	84
65	1	3	10	3	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	1	0	0	0

ZONAL LUMENS

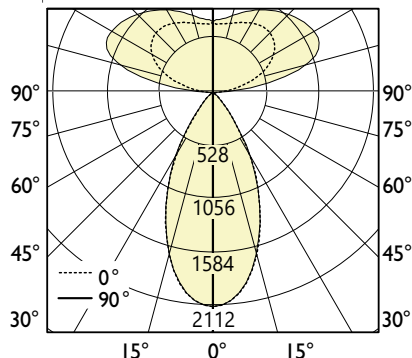
Zone	Lumens
0	
0-10	391
10-20	940
20-30	985
30-40	626
40-50	238
50-60	74
60-70	9
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10571	12714	10833
55	3962	3107	4125
65	35	634	0
75	0	0	0
85	0	0	0

MikroLite - 4ft 1100 lm/ft

PHOTOMETRIC CURVE



Direct Output: 1100 lm/ft
Total Lumens: 6000 lm (for 4ft)
Input Watts: 57.18 W
Efficacy: 105 lm/W

IES FILE: TB2ML-4-SL-1100-MLB4-400-ST-80-35
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2112	2112	2112	2112	2112
5	2061	2060	2060	2060	2059
15	1662	1666	1668	1663	1657
25	1061	1062	1054	1060	1055
35	440	475	520	498	458
45	131	135	157	140	134
55	40	41	31	41	41
65	0	2	5	1	0
75	0	0	0	0	0
85	0	0	0	0	0
90	4	2	3	3	3
95	68	124	155	175	154
105	331	408	564	790	876
115	583	645	785	1020	1162
125	744	800	901	1061	1154
135	812	857	933	1032	1083
145	811	842	907	967	993
155	765	787	841	880	894
165	712	728	768	785	792
175	681	692	723	725	726
180	699	699	699	699	699

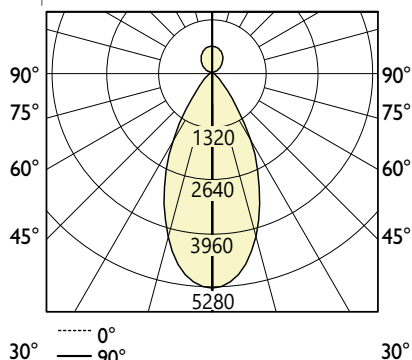
ZONAL LUMENS

Zone	Lumens
0	
0-10	192
10-20	461
20-30	483
30-40	307
40-50	117
50-60	36
60-70	4
70-80	0
80-90	0
90	
90-100	173
100-110	613
110-120	817
120-130	828
130-140	728
140-150	568
150-160	387
160-170	216
170-180	68
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3077	3700	3153
55	1153	904	1200
65	10	185	0
75	0	0	0
85	0	0	0

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

● PHOTOMETRIC DATA
**MikroLite - 4ft
400 lm/ft**
PHOTOMETRIC CURVE


Direct Output: 1000 lm/ft
Total Lumens: 5599 lm (for 4ft)
Input Watts: 50.1 W
Efficacy: 112 lm/W

IES FILE: TB2ML-4-SOU-400-MLB-4-1000-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

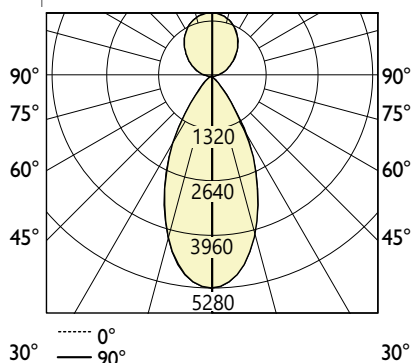
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5280	5280	5280	5280	5280
5	5152	5150	5149	5150	5147
15	4155	4165	4169	4158	4142
25	2652	2654	2635	2650	2638
35	1099	1188	1300	1246	1144
45	326	338	393	349	335
55	1	4	12	4	0
65	0	0	0	0	0
75	0	0	0	0	0
85	1	1	1	1	1
90	0	1	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	479
10-20	1152
20-30	1208
30-40	767
40-50	291
50-60	91
60-70	11
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9548	11483	9784
55	3578	2806	3725
65	32	573	0
75	0	0	0
85	0	0	0

**MikroLite - 4ft
1000 lm/ft**
PHOTOMETRIC CURVE


Direct Output: 1000 lm/ft
Total Lumens: 7999 lm (for 4ft)
Input Watts: 64.6 W
Efficacy: 124 lm/W

IES FILE: TB2ML-4-SOU-1000-MLB-4-1000-80-35
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5280	5280	5280	5280	5280
5	5152	5150	5149	5150	5147
15	4155	4165	4169	4158	4142
25	2652	2654	2635	2650	2638
35	1099	1188	1300	1246	1144
45	326	338	393	349	335
55	99	102	78	103	103
65	1	4	12	4	0
75	0	0	0	0	0
85	0	0	0	0	0
90	1	2	1	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	479
10-20	1152
20-30	1208
30-40	767
40-50	291
50-60	91
60-70	11
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9548	11483	9784
55	3578	2806	3725
65	32	573	0
75	0	0	0
85	0	0	0

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