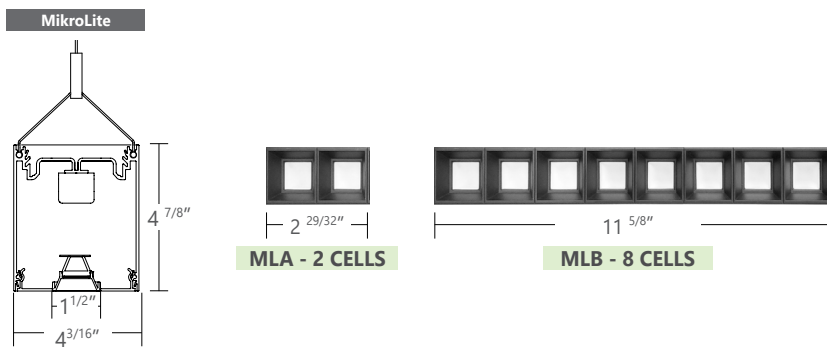


MikroLite shown with standard optic

Project _____

Type _____

Notes _____



MikroLite™



CONTROL
SENSORS

Ordering Guide

TB4DMLO									
PRODUCT ID		MikroLite MODULES Quantity		MikroLite NOM. LUMENS/FT		MikroLite CRI		MikroLite COLOR TEMP	MikroLite CELL FINISH
TB4DMLO	Twin Beam 4 pendant direct with MikroLite only	+MLA(#) MikroLite module quantity - 2 cells +MLB(#) MikroLite module quantity - 8 cells		200 200 lm/ft - Minimum 1000 1000 lm/ft - Maximum		80 80 CRI 90 90 CRI		27 2700K 30 3000K 35 3500K 40 4000K	GR grey W white BLK black
		Minimum MikroLite length is 6" (2x2 cells) increasing in increments of 3" (2 cells). Total module length cannot exceed total fixture length. Only available with 55 deg beam spread ; Minimum fixture length 1'		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.					

FINISH	VOLTAGE	DRIVER	CIRCUITS
AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal	DP dimming (0-10V) 1% LT Lutron ⁽¹⁾ BI bi-level dimming O other ⁽²⁾	1 1 circuit 2 2 circuits +E(#) emergency section ⁽³⁾ +NL(#) night light section ⁽³⁾ +GTD(#) generator transfer device ⁽³⁾
		(1) Specify system (2) Please consult factory; see page 2	Minimum 3 ft length. (3) Specify quantity

MOUNTING/SUSPENSION	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
CA(#) drywall+cable length (36" std.) CT9(#) TB/TG 9/16+cable length (36" std.) CT15(#) TB/TG15/16+cable length (36" std.) CTS(#) screw slot+cable length (36" std.) SA(#) drywall+stem length >48" (18" std.)* +SM seismic option	B# battery pack	F fuse	DS# daylight sensor ⁽⁴⁾ OS# occupancy sensor ⁽⁴⁾ DOS# daylight & occupancy sensor ⁽⁴⁾ EN# Enlighted integral ⁽⁴⁾ ENR# Enlighted remote ⁽⁵⁾ WC# wireless control dimming	C custom
Specify length *For stem option, please consult factory.	5' minimum fixture length. Not available with 347V Please consult factory	Requires 120V or 277V	(4) For flush option only; Please consult factory. (5) Please consult factory. Applies to both UP & DOWN. Specify quantity. Requires 7" blank. See integrated controls guide for more details.	Please specify

● LED SYSTEM

LED System	Cluster of 4 LED in each MikroLite cell
LED optical System	Axis patent pending mixing chamber optic for high efficacy light control with deep square in square architectural downlight trim
CRI	Minimum 80 or 90 color rendering index
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.0-step MacAdam ellipse).
Color Tuning	Cluster of 4 LED 2 on each diagonal for pure color mixing and no color over angle effects in the space
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.

● 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	Extruded acrylic
Hanger	Die cast aluminum
Suspension	Aircraft cable with fixed mounting point
Cable Grips	Quick connecting / release
MikroLite Heat Sink	Extruded aluminum

● 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
Emergency	remote 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.

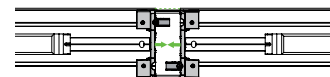
● WEIGHT

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 4 MikroLite™ 1.5 luminaires feature the joining mechanism shown below. This mechanism joins and aligns multiple luminaires to create long continuous runs of light.

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

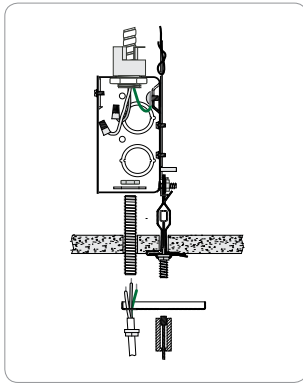
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

● SYSTEM (S#)

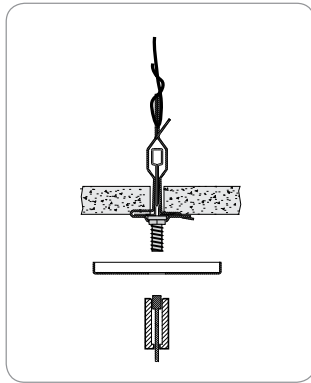
BEAM 4 linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM 4 that are greater than 12' in length are designated as systems (S#). This means that the run is comprised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

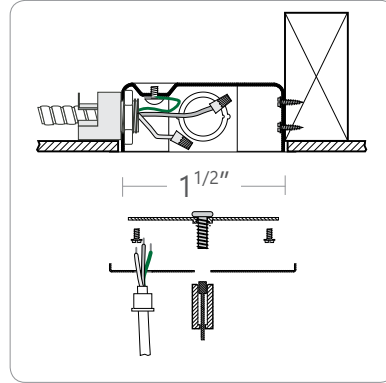


Power feed

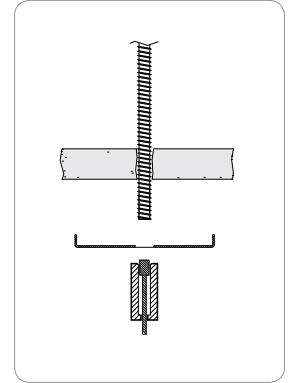


Non power feed

CA DRYWALL CEILING



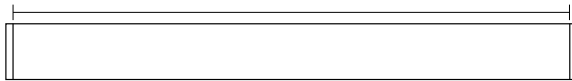
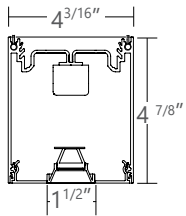
Power feed



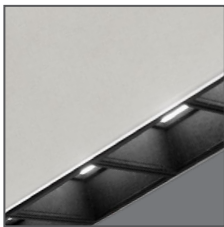
Non power feed

● **MOUNTING SPACING END TO END**

- 4' (48" C.C.)
- 8' (96" C.C.)
- 12' (144" C.C.)



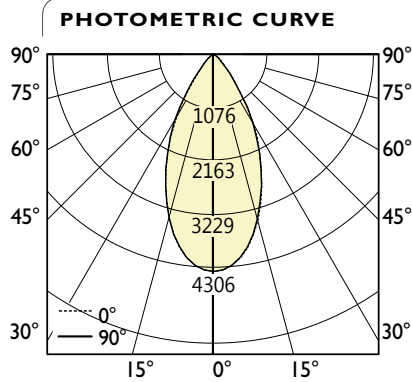
● **SHIELDING - MikroLite™ 1.5**



MikroLite™

● **PHOTOMETRIC DATA**

MikroLite - 3ft
1000 lm/ft



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

IES FILE: BEAM4-1000-90-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

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