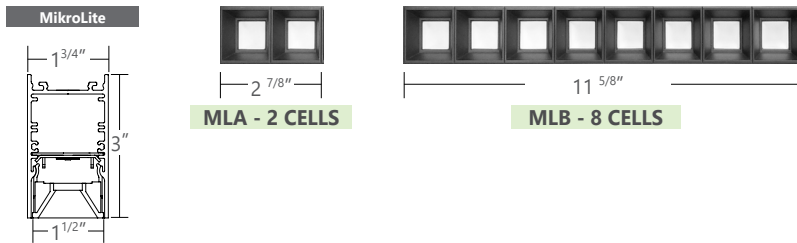


MikroLite shown

Project _____

Type _____

Notes _____



MikroLite™



CONTROL SENSORS

Ordering Guide

SCSMLO						
PRODUCT ID	MikroLite MODULE	MikroLite NOM. LUMENS/FT	MikroLite CRI	MikroLite COLOR TEMP	MikroLite CELL FINISH	
SCSMLO Sculpt Surface 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 12" (2x2 cells or 8 cells) increasing in increments of 2 cells. Consult factory for lumen outputs for lengths under 24". Total module length cannot exceed total fixture length. Only available with 55 deg beam spread.		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		

FINISH		VOLTAGE		DRIVER		CIRCUITS	
AP aluminum paint	120 120 V	DP dimming (0-10V) 5%		1 1 circuit 2 2 circuits +E(#) emergency section ⁽¹⁾		Minimum 3 ft length. (1) Specify quantity	
W white	277 277 V						
BLK black	347 347 V						
C custom	UNV universal						

MOUNTING	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
SB9 surface TB/TG 9/16 SB15 surface TB/TG 15/16 SBS surface screw slot t-bar S surface drywall ceiling SC surface solid ceiling	B# battery pack	F fuse ⁽²⁾ FW(#) flex whip (6' std)	DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor EN# Enlighted integral ENR# Enlighted remote ⁽³⁾ WC# wireless control dimming	C custom
	5' minimum fixture length. For lengths under 5' - battery pack is remote only. Not available with 347V. Please consult factory	(2) Requires 120V or 277V	(3) Please consult factory. 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)
MikroLite	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, UNV.

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

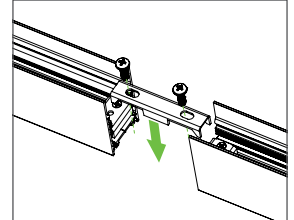
● WEIGHT

Surface 4 ft	8 lbs / 3.6 kg
Surface 8 ft	16 lbs / 7.3 kg
Surface 12 ft	24 lbs / 10.9 kg


● JOINERS

In order to allow very long runs of SCULPT luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each SCULPT option.

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



● APPROVALS

Certified to UL and CSA standards 
Suitable for damp locations.
Meets CCEC requirements (Chicago plenum)

● 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#)

SCULPT linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Runs of SCULPT that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the Sculpt installation sheets available at: www.axislighting.com under 'Downloads' tab.

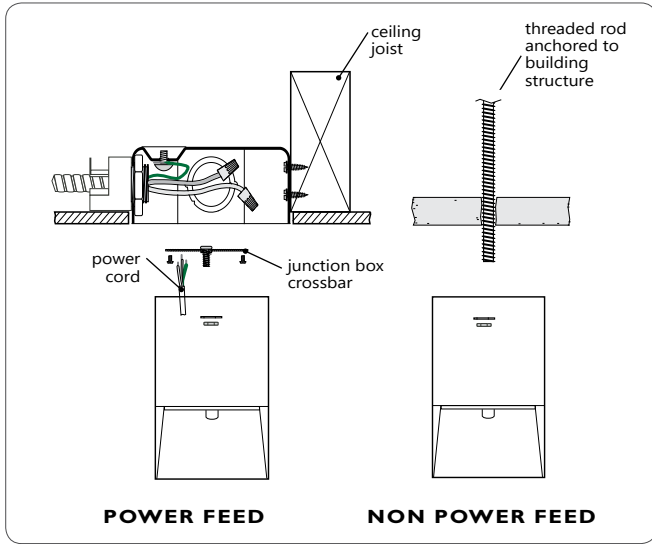
● OTHER MOUNTING OPTIONS

i Specification sheets and installation sheets for all mounting for SCULPT luminaires are available for download at www.axislighting.com

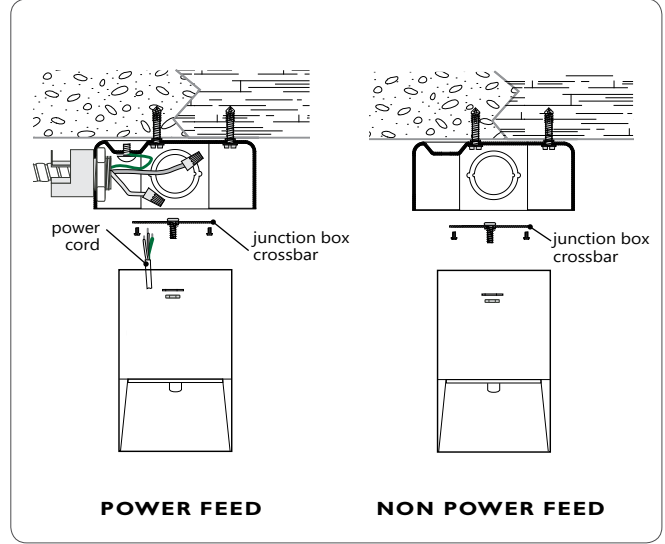
● ECO FRIENDLY PROGRAM

Sculpt MikroLite 1.5 meets the Living Building Challenge, is halogen free and includes PVC free wiring in compliance with requirements. Please contact Axis for supporting documentation.

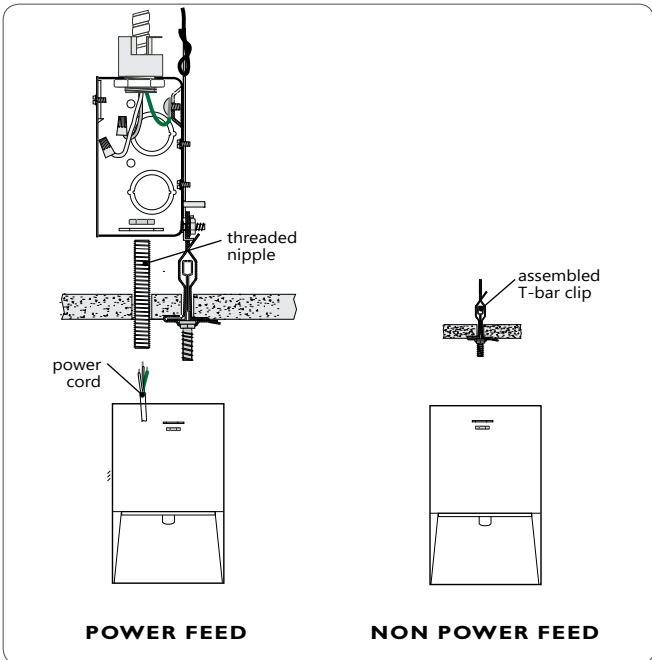
● MOUNTING DETAILS



S SURFACE MOUNT DRYWALL CEILING



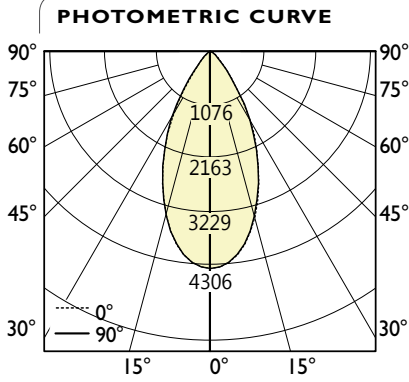
SC SURFACE MOUNT SOLID CEILING



SB9 **SB15** **SBS** SURFACE MOUNT T-BAR CEILING

● 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: SCULPT-1000-90-MIKROLITE-3.IES
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	391
0-10	940
10-20	985
20-30	626
30-40	238
40-50	74
50-60	9
60-70	0
70-80	0
80-90	0
90	0

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