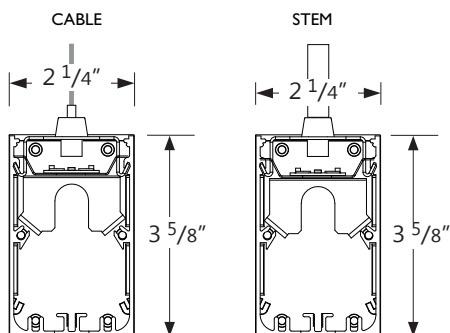


Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_



### PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
640 lm/ft	4.9 W/ft	130 lm/W

\* Based on a 4 foot luminaire using one driver  
Please consult factory for custom lumen output and wattage.



### Ordering Guide

BILED				C				
PRODUCT ID	NOM. LUMENS/FT	CRI	COLOR TEMP.	SHIELDING	LENGTH (FT)	MR (OPTIONAL)		
BILED Pendant Indirect LED	640 640 lm/ft	80 80 CRI	27 2700 K	C clear	2 2'	DMLED(#)	downlight module LED	
		90 90 CRI	30 3000 K		3 3'			
			35 3500 K		4 4'			
			40 4000 K		5 5'			
					6 6'			
					8 8'			
					12 12'			
					S# system run			
Consult factory for outputs outside of the listed range.							Add 9" per lamp, Specify quantity. Separate circuits included Requires 120V or 277V	

FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION
AP aluminum paint	120 120 V	DP dimming (0-10V) 1%	1 1 circuit	CA(#)
W white	277 277 V	LT Lutron (1)	2 2 circuits	CT9(#)
BLK black	347 347 V	BI bi-level dimming	+E(#) emergency circuit (2)	CT15(#)
C custom	UNV universal	O other (2)	+NL(#) night light circuit (3)	CTS(#)
			+GTD(#) generator transfer device (3)	SA(#)
			+M MR	
		(1) Specify system (2) Please consult factory; see page 2	(3) Specify quantity	

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
B# battery pack (integral)	F fuse	DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor EN# Enlighted integral (4) ENR# Enlighted remote (4) WC# wireless control dimming	C custom
Not available with 347V Please consult factory	Requires 120V or 277V	(4) Please consult factory Specify quantity. Requires 8" blank See integrated controls guide for more details.	Please specify

### ● CONSTRUCTION

<b>Housing</b>	Extruded aluminum (0.075" nominal) up to 70% recycled content
<b>End Cap</b>	Die Cast Zinc
<b>Interior Brackets</b>	Die formed sheet steel (18 gauge)
<b>Reflectors</b>	White powder coated sheet steel (22 gauge)
<b>Blank</b>	Extruded aluminum (0.075" nominal)
<b>Hanger</b>	Die formed sheet steel (16 gauge)
<b>Suspension</b>	Aircraft cable or Ø 1/2" stem
<b>Cable Grips</b>	Quick connecting / release

### ● ELECTRICAL

<b>Lutron driver*</b>	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
<b>Other drivers</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
<b>Emergency</b>	Integral emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV.

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

### ● 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 2 LED 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 LED that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination 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 2 LED installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).

### ● LED SYSTEM

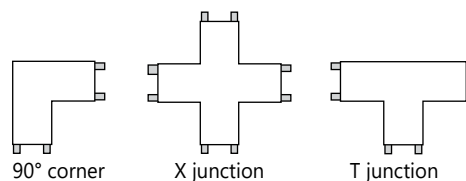
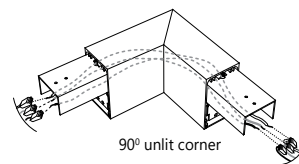
<b>CRI</b>	Minimum 80 or 90 color rendering index
<b>CCT</b>	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
<b>LED life</b>	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal management</b>	Aluminium housing acting as the heat sink to maximize life.

### ● APPROVALS

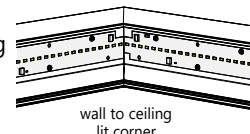
Certified to UL and CSA standards   
Meets NYC requirements  
Suitable for damp locations.

### ● CORNERS

**Unlit Corners** - BEAM 2 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



**Lit Corners** - Axis also offers lit 90° corners including ceiling to ceiling, wall to ceiling and ceiling to wall.



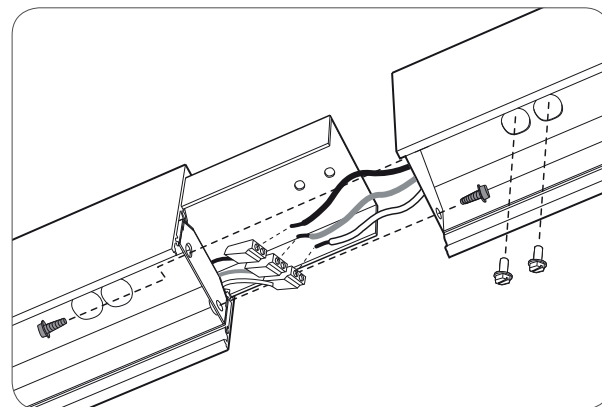
**i** For custom corner angles, please consult factory. Specifications sheets for all corners are available at: [www.axislighting.com](http://www.axislighting.com)

### ● WEIGHT

<b>Indirect LED 4ft</b>	10.5 lbs / 4.8 kg
<b>Indirect LED 8ft</b>	21.0 lbs / 9.6 kg
<b>Indirect LED 12ft</b>	31.5 lbs / 14.4 kg

### ● JOINERS

In order to allow very long runs of BEAM 2 LED luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each BEAM 2 LED option.



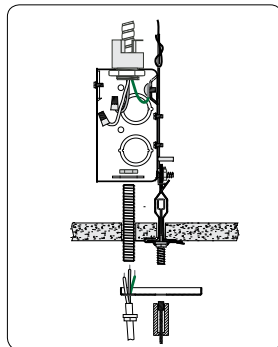
**NOTE:** Hang each system segment individually. Do not assemble system prior to hanging.

### ● FINISHES

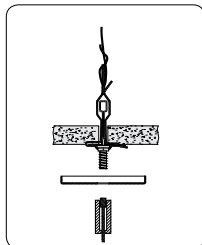
Powder coated and custom finishes are also available.

### ● MOUNTING OPTIONS

#### CT TILE CEILING - ON GRID

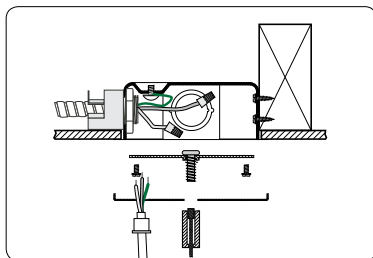


Power feed

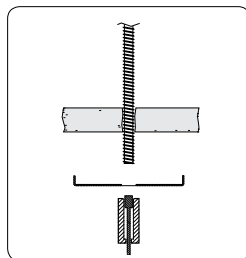


Non power feed

#### CA DRYWALL CEILING

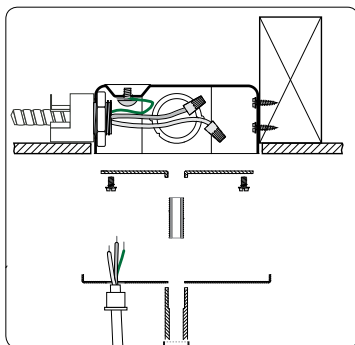


Power feed

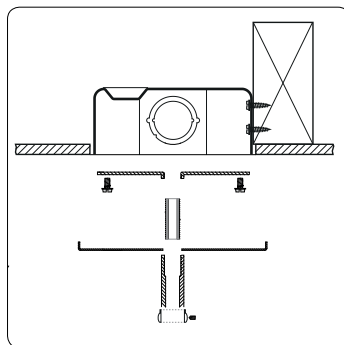


Non power feed

#### SA STEM MOUNT IN DRYWALL CEILING



Power feed



Non power feed

### ● OTHER MOUNTING OPTIONS

BEAM 2 LED is also available with recessed, surface, wall, wall vertical and recessed vertical mounted options.

**i** Specification sheets and installation sheets for all mountings for BEAM 2 LED luminaires are available for download at [www.axislighting.com](http://www.axislighting.com)

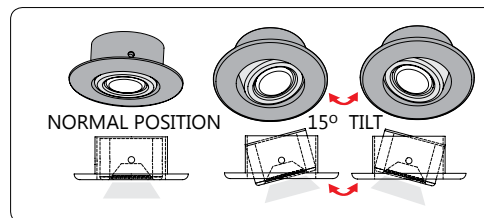
### ● DMLED MODULE

**Blank LED Module Quantity** Extruded aluminum (0.075" nominal) 2" diameter  
For every 4' section, there may be up to a maximum of 4 x DMLED module.

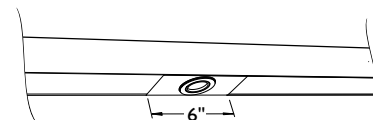
**Spacing** Each DMLED module is placed centered on a blank section 6" in length.

For a series of modules within a given section length, they will be spaced evenly on a longer blank section.  
Custom spacing may be available on special request.

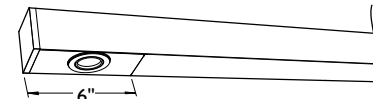
**Tilt** 15° each side.



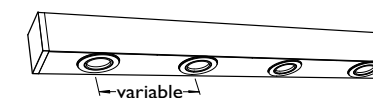
**Between sections**



**At luminaire ends**



**Several in a long blank section**



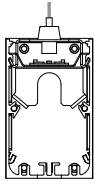
**Beam Angle** 30 nominal degrees  
**Input Watts** 3W  
**Nominal Lumens** 126 lumens  
**Efficacy** 42 lumens per watt  
**Color Rendering Index (CRI)** 80  
**Life** 25,000 hours at L<sub>70</sub>  
**Correlated color temperature (CCT)** 3000K

**i** More options are available upon request. Please consult factory.

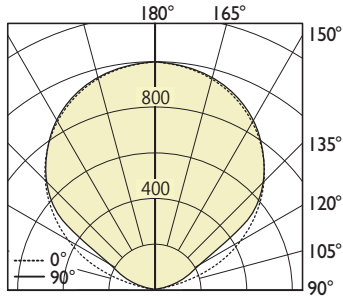
\* See photometric report.

### ● PHOTOMETRIC DATA

640 lm/ft



#### PHOTOMETRIC CURVE



**Luminaire Lumens: 640 lm/ft**  
**Input Watts: 4.9 W/ft**  
**Efficacy: 131 lm/W**

IES FILE: BILED-640-80-35-C.IES  
 TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	0	0	0	0	0
95	12	8	6	7	7
105	146	125	86	43	35
115	339	336	238	187	191
125	524	517	511	480	422
135	677	673	663	668	668
145	798	795	791	789	788
155	889	892	887	883	881
165	952	953	951	948	949
175	984	992	989	985	985
180	994	994	994	994	994

#### ZONAL LUMENS

Zone	Lumens
90	
90-100	11
100-110	99
110-120	259
120-130	436
130-140	516
140-150	495
150-160	409
160-170	268
170-180	94
180	

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)