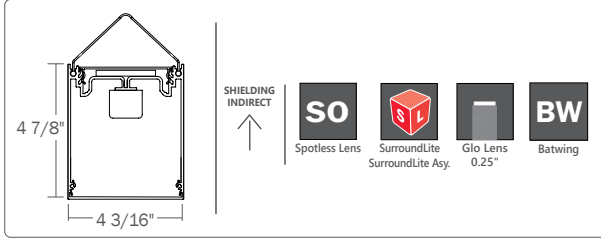
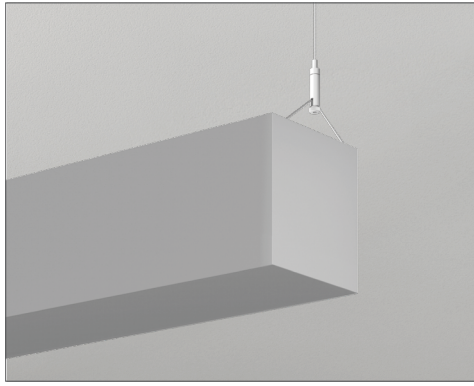


Beam 4 | Pendant mount - Indirect



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1200 lm/ft	8.5 W/ft	142 lm/W	SO
1200 lm/ft	8.4 W/ft	141 lm/W	SL
1200 lm/ft	9.5 W/ft	127 lm/W	SLA
1200 lm/ft	8 W/ft	149 lm/W	BW
1200 lm/ft	8.5 W/ft	142 lm/W	0.25G

Please consult factory for custom lumen output and wattage.



*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.
See page 2 for DLC Approved Options



Ordering Guide

TB4ILED											
PRODUCT ID		NOM. LUM/FT UP		CRI		COLOR TEMP. (choose one)		SHIELDING			
TB4ILED	BEAM4 - Pendant Indirect LED	400	400 lm/ft - Minimum	80	80 CRI	27	2700 K	TW2750	2700-5000 K - Tunable White	SO	spotless lens
		1200	1200 lm/ft - Maximum	90	90 CRI*	30	3000 K	TW2765	2700-6500 K - Tunable White	SL	surroundlite
						35	3500 K	BTW3527	3500-2700 K - Tunable BIOS	SLA	surroundlite asymmetric
						40	4000 K	BTW4027	4000-2700 K - Tunable BIOS	0.25G	0.25" Glo lens
						B30	3000 K - BIOS*			BW	batwing*
						B35	3500 K - BIOS*				

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)
Lenses	Extruded acrylic (0.070" nominal)
Hanger	Die cast aluminum
Suspension	Sliding aircraft cable along product length

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
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	DALIT6 - DALI Type 6 (Two DALI Addresses) DALIT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*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.

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. System runs with SurroundLite available in 1' increments only. For more information on systems and joining, please refer to the BEAM installation sheets available for download at www.axislighting.com.

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.

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
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 BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. Consult BIOS guide for more information on BIOS technology.
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).

DLC Approved Options

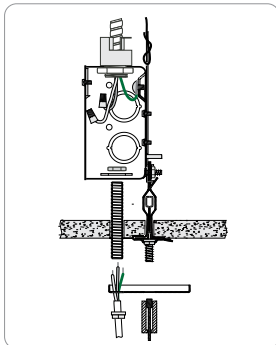


*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

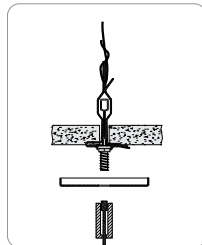
OUTPUT	CRI	COLOR TEMP.	SHIELDING	LENGTH	FINISH	VOLTAGE	DRIVER	CIRCUITS
750 lm/ft	80	3000 K 3500 K 4000 K	SLA	4' 8' 12'	al. paint white black custom	universal	DP	any except LDI and M

● MOUNTING OPTIONS

CT TILE CEILING - ON GRID

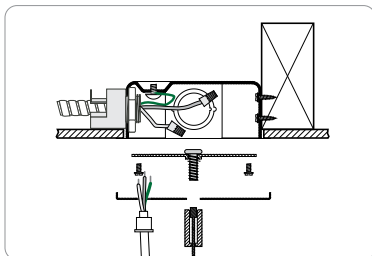


Power feed

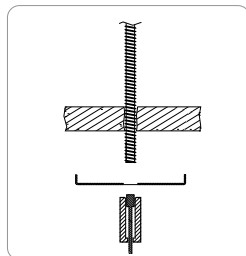


Non power feed

CA DRYWALL CEILING

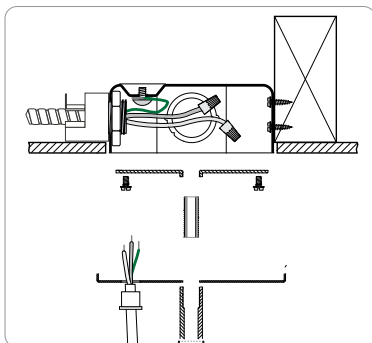


Power feed

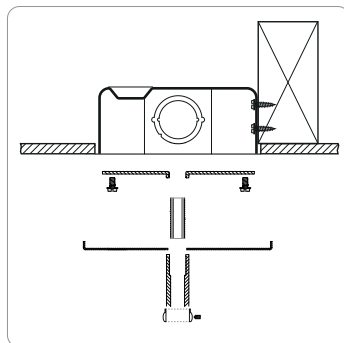


Non power feed

SA STEM MOUNT IN DRYWALL CEILING



Power feed



Non power feed

● FINISH

Aluminium paint, powder coated and custom finishes are also available.

● APPROVALS

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

● OTHER MOUNTING OPTIONS

BEAM 4 is also available with wall mounted option.

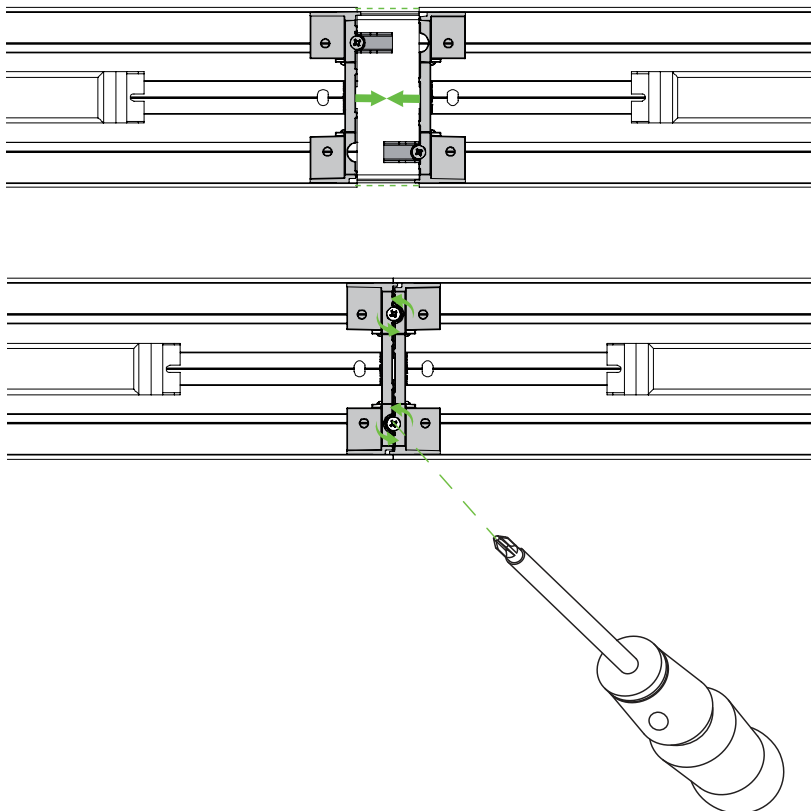
i Specification sheets and installation sheets for all mountings for BEAM 4 luminaires are available for download at www.axislighting.com

JOINERS

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

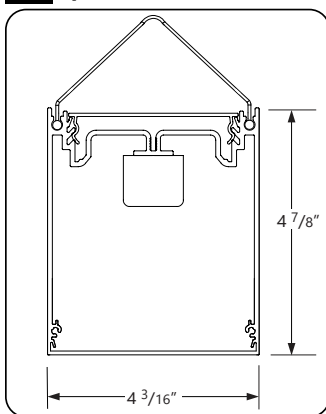
NOTE: Mount each system segment individually.

Do not assemble system prior to mounting

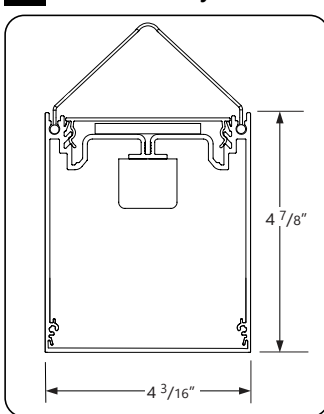


SECTION VIEWS

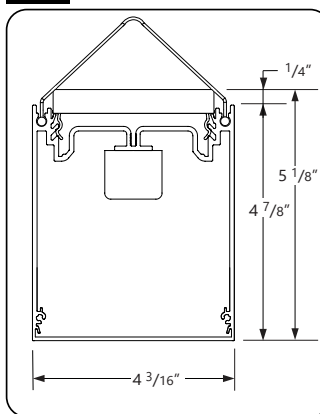
SO Spotless lens - Indirect



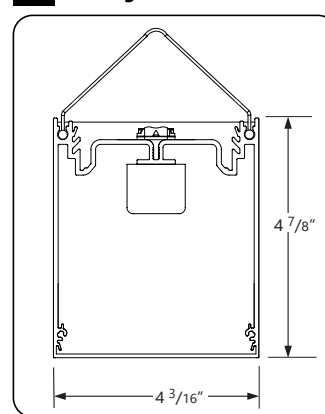
SL SurroundLite - Indirect
SLA SurroundLite Asy. - Indirect



0.25G 0.25" Glo lens - Indirect



BW Batwing - Indirect



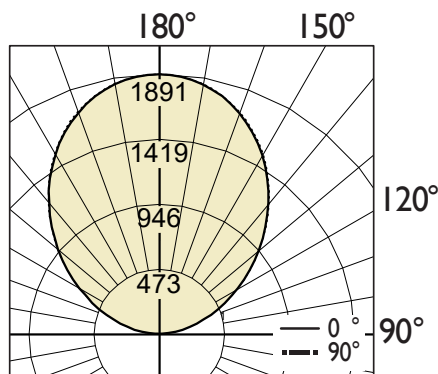
● PHOTOMETRIC DATA

SO Spotless lens - Up

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 33.8 W
Efficacy: 142 lm/W
 IES FILE: TB4ILED-1200-80-35-SO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

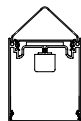
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	5	4	4	3	4
95	82	86	91	92	101
105	279	284	294	300	311
115	535	538	545	548	559
125	823	825	828	829	840
135	1122	1121	1121	1120	1131
145	1405	1403	1403	1397	1406
155	1642	1640	1635	1633	1639
165	1801	1799	1801	1799	1802
175	1885	1883	1883	1883	1885
180	1891	1891	1891	1891	1891

ZONAL LUMENS

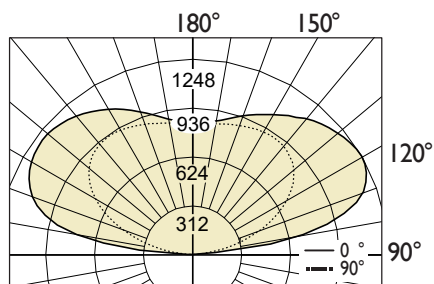
Zone	Lumens
90	
90-100	93
100-110	302
110-120	527
120-130	728
130-140	853
140-150	867
150-160	747
160-170	505
170-180	178
180	

SL SurrounLite - Up

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 34 W
Efficacy: 141 lm/W
 IES FILE: TB4ILED-1200-80-35-SL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	5	4	4	3	4
95	82	86	91	92	101
105	279	284	294	300	311
115	535	538	545	548	559
125	823	825	828	829	840
135	1122	1121	1121	1120	1131
145	1405	1403	1403	1397	1406
155	1642	1640	1635	1633	1639
165	1801	1799	1801	1799	1802
175	1885	1883	1883	1883	1885
180	1891	1891	1891	1891	1891

ZONAL LUMENS

Zone	Lumens
90	
90-100	93
100-110	302
110-120	527
120-130	728
130-140	853
140-150	867
150-160	747
160-170	505
170-180	178
180	

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

Beam 4 | Pendant mount - Indirect

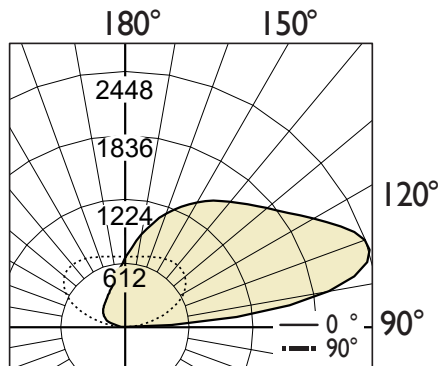
● PHOTOMETRIC DATA

SLA SurroundLite Assymmetric - Up

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 37.9 W
Efficacy: 127 lm/W
IES FILE: TB4ILED-1200-80-35-SLA-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

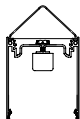
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	5	4	4	3	4
95	82	86	91	92	101
105	279	284	294	300	311
115	535	538	545	548	559
125	823	825	828	829	840
135	1122	1121	1121	1120	1131
145	1405	1403	1403	1397	1406
155	1642	1640	1635	1633	1639
165	1801	1799	1801	1799	1802
175	1885	1883	1883	1883	1885
180	1891	1891	1891	1891	1891

ZONAL LUMENS

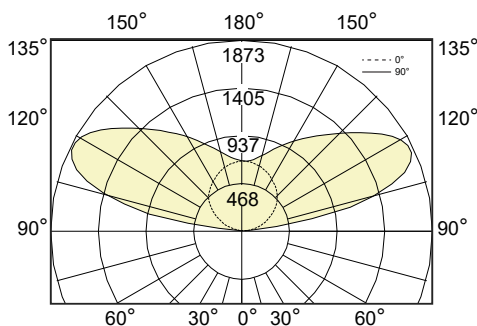
Zone	Lumens
90	
90-100	93
100-110	302
110-120	527
120-130	728
130-140	853
140-150	867
150-160	747
160-170	505
170-180	178
180	

BW Batwing - Up

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 32.1 W
Efficacy: 149 lm/W
IES FILE: TB4ILED-1200-80-35-BW-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	3	4	4
95	33	110	254	116	73
105	142	231	839	1326	1314
115	255	342	830	1600	1815
125	366	457	827	1403	1656
135	462	547	829	1185	1354
145	532	600	801	1023	1120
155	595	636	755	880	933
165	647	661	711	759	780
175	678	678	684	688	691
180	683	683	683	683	683

ZONAL LUMENS

Zone	Lumens
90	
90-100	272
100-110	858
110-120	971
120-130	857
130-140	692
140-150	523
150-160	357
160-170	204
170-180	66
180	

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

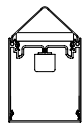
Beam 4

Pendant mount - Indirect

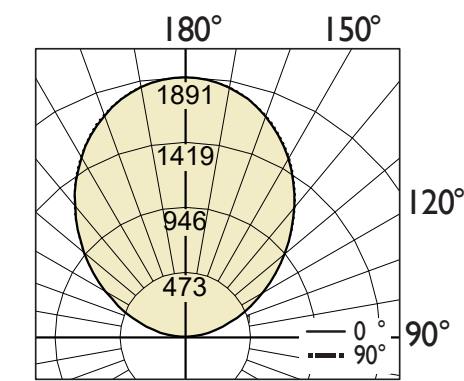
● PHOTOMETRIC DATA

0.25G 0.25" Glo lens - Up

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 33.8 W
Efficacy: 142 lm/W
IES FILE: TB4ILED-1200-80-35-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION						ZONAL LUMENS	
Vertical Angle	Horizontal Angles					Zone	Lumens
	0	22.5	45	67.5	90		
90	14	33	61	88	98	90	
95	85	108	140	169	181	90-100	142
105	272	292	323	352	364	100-110	327
115	517	536	552	570	577	110-120	529
125	799	812	823	831	825	120-130	713
135	1094	1102	1110	1116	1104	130-140	835
145	1375	1381	1396	1388	1379	140-150	850
155	1623	1625	1619	1610	1608	150-160	734
165	1765	1771	1768	1765	1765	160-170	495
175	1843	1843	1843	1843	1842	170-180	175
180	1850	1850	1850	1850	1850	180	