

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 4000K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
400 lm/ft	4 W/ft	99 lm/W
500 lm/ft	4.9 W/ft	100 lm/W
630 lm/ft	6.2 W/ft	102 lm/W
750 lm/ft	7.5 W/ft	100 lm/W

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



Ordering Guide

CLKLED						SO					
PRODUCT ID		NOM. LUMENS/FT		CRI		COLOR TEMP.		SHIELDING			
CLKLED	Click LED	400	400 lm/ft	80	80 CRI	27	2700 K	SO	Spotless lens	2	2' ⁽¹⁾
		500	500 lm/ft	90	90 CRI	30	3000 K			2.5	2.5' ⁽²⁾
		630	630 lm/ft			35	3500 K			4	4' ⁽¹⁾
		750	750 lm/ft			40	4000 K			5	5' ⁽²⁾
										6	6' ⁽¹⁾
										7.5	7.5' ⁽²⁾
										8	8' ⁽¹⁾
										S#	system run
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.						Using spotless lens		(1) Match to 24" T-bar spacing (2) Match to 30" T-bar spacing Multiple of 10' match both T-bar spacing	

FINISH	VOLTAGE	DRIVER	CIRCUITS	BATTERY (OPTIONAL)
W white	120 120 V	DP dimming (0-10V) 1%	1 1 circuit	B# battery pack (integral)
C custom	277 277 V	D dimming (0-10V) 5% 347V standard ⁽³⁾	2 2 circuits	
	347 347 V *	LT Lutron ⁽⁴⁾	+E(#) emergency circuit ⁽⁶⁾	
	UNV universal	BI bi-level dimming	+NL(#) night light circuit ⁽⁶⁾	
		O other ⁽⁵⁾	+GTD(#) generator transfer device ⁽⁶⁾	
* D dimming (0-10V) 5% standard		(3) For 347 V only (4) Specify system (5) Please consult factory; see page 2	(6) Specify quantity	For less than 4ft - remote only Requires 120V or 277V Consult factory

OTHER (OPTIONAL)	MOUNTING OPTIONS	REMOTE CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
F fuse ⁽⁷⁾	TB9 t-bar 9/16"	DS# daylight sensor	C custom
FW(#) flex whip (6' std)	TG9 tegular 9/16"	OS# occupancy sensor	
	ST screw slot t-bar	DOS# daylight & occupancy sensor	
	AC Armstrong ceiling/ Drywall grid system *	ENR# Enlighted remote	
(7) Requires 120V or 277V	* For more information, see page 3.	Remote only; Please consult factory See pages 5-6 for more details	Please specify

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
T-Bar Bracket	Die formed sheet steel (16 gauge)
Screw Slot T-Bar Bracket	Die formed sheet steel (16 gauge)
Slip-Through Bracket	Die formed sheet steel (18 gauge)
Spackle Flange	Die formed perforated sheet steel (20 gauge)
Flange	Extruded aluminum (0.075" nominal) Visible flange width: 9/16"
Interior Brackets	Die formed sheet steel (18 gauge)
Reflectors	White powder coated sheet steel (22 gauge)
Blank	Extruded aluminum (0.075" nominal)
Lens	Spotless frosted acrylic lens

ELECTRICAL

Lutron driver	L3D - Hi-Lume A-Series EcoSystem 3-Wire Control (1%) 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	Integral 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

Recessed LED 4 ft	10.5 lbs / 4.8 kg
Recessed LED 8 ft	21.0 lbs / 9.6 kg
Recessed LED 12 ft	31.5 lbs / 14.4 kg

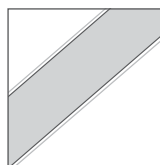
SYSTEM (S#)

Click 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 Click 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 Click LED installation sheets available for download at www.axislighting.com.

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.

OPTICS



50 Spotless Lens


SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

FINISHES

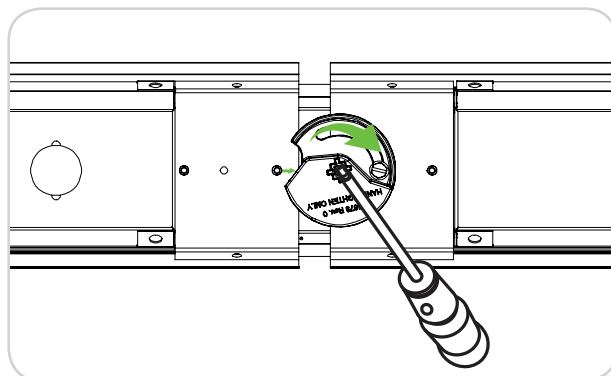
Powder coated and custom finishes are also available.

APPROVALS

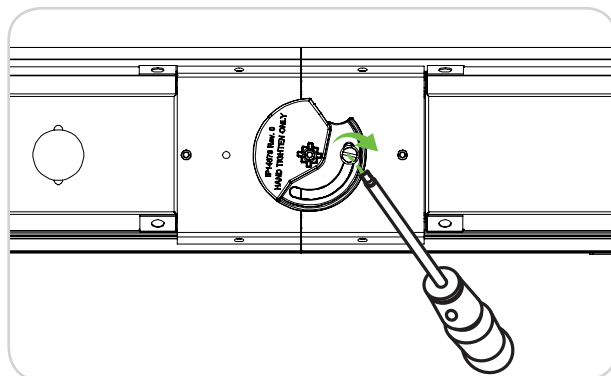
Certified to UL and CUL standards 
Meets NYC requirements
Suitable for damp locations
IC Rated (Insulated ceiling)

JOINERS

Click LED luminaires feature InstaJoiner, a unique joining system developed by Axis offering fast, single-screw tightening.



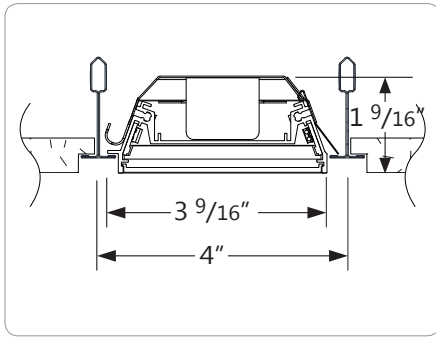
Tighten until fixtures are together and snug. **Do not overtighten joiner once fixtures are joined together.**



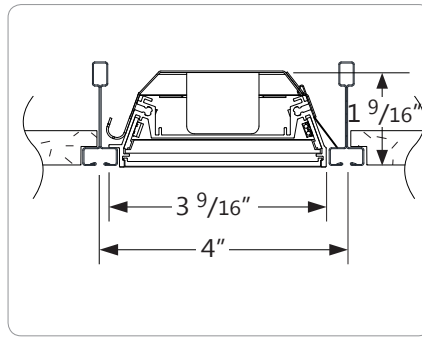
If extrusions do not close, check to make sure there are no wires pinched between extrusions. Tighten screw on the circular joiner.

TB CEILING MOUNTING OPTIONS

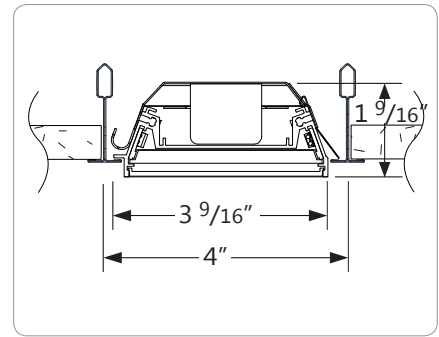
● SPECIFY BY AXIS



TG9 TEGULAR 9/16"

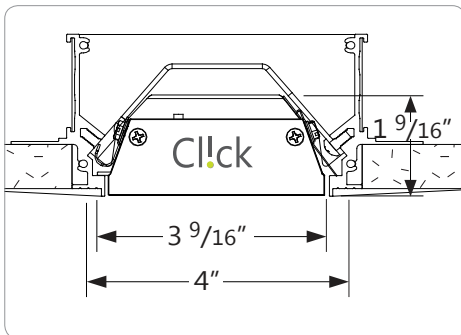


ST SCREW SLOT T-BAR

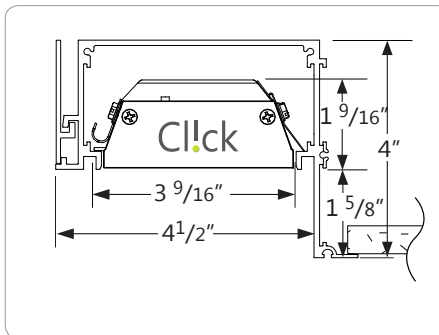


TB9 T-BAR 9/16"

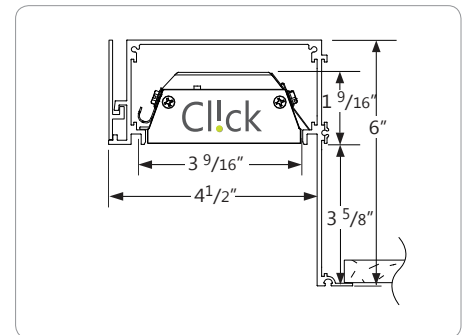
● SPECIFY BY ARMSTRONG



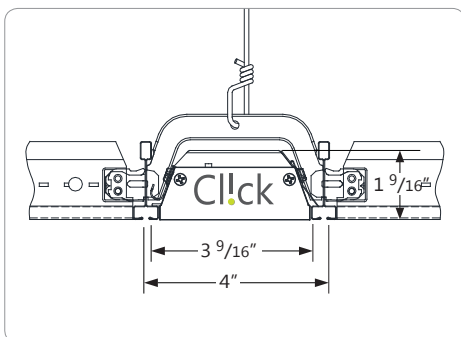
AC ARMSTRONG 4" TECHZONE® DRYWALL GRID SYSTEM



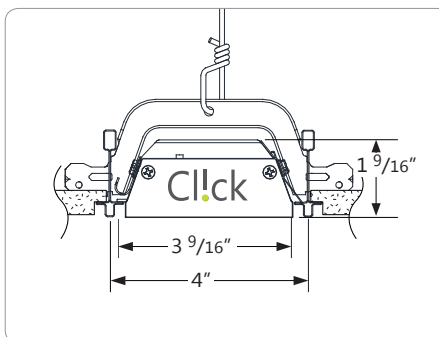
AC ARMSTRONG 4" AXIOM DIRECT LIGHT COVE



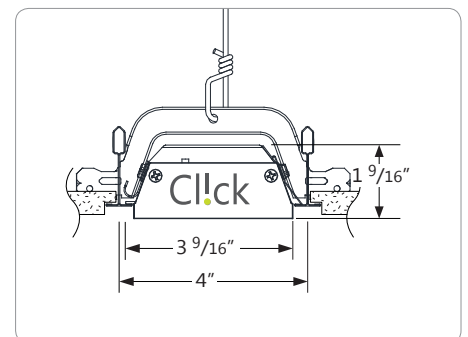
AC ARMSTRONG 6" AXIOM DIRECT LIGHT COVE



AC ARMSTRONG SILHOUETTE® GRID SYSTEM



AC ARMSTRONG INTERLUDE GRID SYSTEM



AC ARMSTRONG SUPRAFINE® GRID SYSTEM

● INTEGRATED CONTROLS

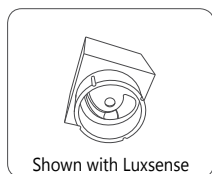
Click LED luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS) and combination daylight/occupancy sensors (DOS). The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

- Consult factory for other options.

The integrated control systems offered are:

● DAYLIGHT HARVESTING (DS):

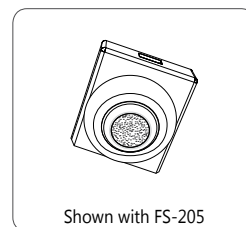
With Daylight sensors, maximum lamp output is reduced according to the available amount of natural light. By reducing maximum lamp output, energy consumption is reduced by up to 20 percent in a process known as "Daylight Harvesting".



Shown with Luxsense
EC-DIR-WH, FD-301
Luxsense, Micro Luxsense

● OCCUPANCY (OS):

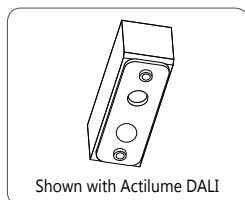
When a room is vacated, occupancy sensors ensure the light will be turned off after a programmed delay as well as ensuring that light remains on while the room is occupied.



Shown with FS-205
FS-205, FS-355,
FS-155 - Line Voltage
FS-505, FS-505C

● DAYLIGHT HARVESTING AND OCCUPANCY (DOS):

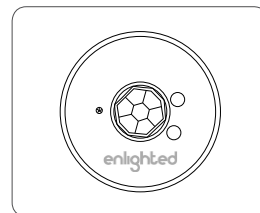
ACTILUME, a combination of Daylight & Occupancy sensor from Philips, along with a 0-10V or DALI driver can be used in one form factor.



Shown with Actilume DALI
Actilume 1-10V
Actilume DALI

● ENLIGHTED INTEGRAL (EN) / ENLIGHTED REMOTE (ENR):

A combination of Daylight, Occupancy & Temperature autonomously control illumination levels, monitor occupancy and environmental conditions. Data is transmitted wirelessly to the Enlighted networked management system.



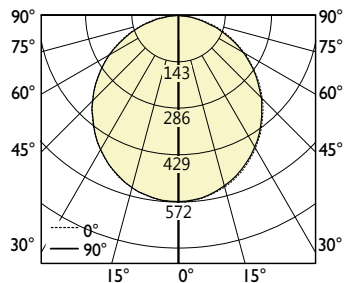
● INTEGRATED CONTROL OPTIONS

SENSORS	BRAND	Model	TYPE
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight, IR
	Wattstopper	FD-301	Daylight
	Philips	Luxsense LRL1220/00	Daylight
	Philips	Micro Luxsense	Daylight
Occupancy Sensor (OS)	Wattstopper	FS-205v2	PIR Occupancy & Ambient light level
Daylight & Occupancy Sensors (DOS)	Lutron TriPak	LRF2-DCRB-WH & LRF2-OCR2B-P-WH	Daylight & PIR Occupancy
Enlighted sensor (ENR)	Enlighted remote	SU-3E-00	Daylight, Occupancy & Temperature

● PHOTOMETRIC DATA

400 lm/ft

PHOTOMETRIC CURVE



Luminaire Lumens: 400 lm/ft

Input Watts: 16 W

Efficacy: 99 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: BDLED-400-80-40-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	571	571	571	571	571
5	569	569	568	568	567
15	547	546	545	544	543
25	503	503	502	500	499
35	443	442	441	439	438
45	369	369	368	367	365
55	286	286	285	283	282
65	199	198	197	194	193
75	112	111	110	105	102
85	31	31	31	28	26
90	0	0	0	0	0

ZONAL LUMENS

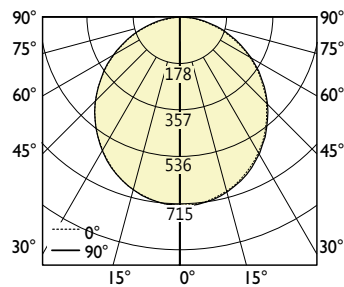
Zone	Lumens
0	
0-10	53
10-20	153
20-30	230
30-40	275
40-50	283
50-60	254
60-70	194
70-80	115
80-90	34
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4368	3652	3431
55	4133	3236	2982
65	3841	2710	2416
75	3410	1996	1625
85	2406	865	594

500 lm/ft

PHOTOMETRIC CURVE



Luminaire Lumens: 500 lm/ft

Input Watts: 19.8 W

Efficacy: 100 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: BDLED-400-80-40-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	713	713	713	713	713
5	712	711	710	710	709
15	684	683	682	680	679
25	629	629	627	625	624
35	554	553	551	549	548
45	462	462	460	458	456
55	358	358	356	354	352
65	249	248	247	243	241
75	140	139	137	132	128
85	39	39	39	36	32
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	67
10-20	192
20-30	288
30-40	344
40-50	354
50-60	318
60-70	243
70-80	144
80-90	42
90	

LUMINANCE DATA (cd/m²)

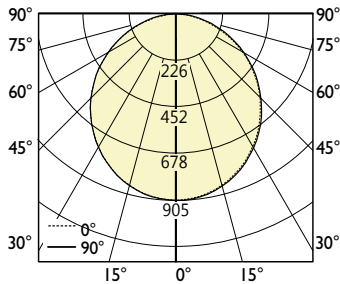
Vertical Angle	Horizontal Angles		
	0	45	90
45	5469	4565	4286
55	5174	4043	3722
65	4807	3398	3017
75	4263	2486	2039
85	3027	1088	731

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

● PHOTOMETRIC DATA

630 lm/ft

PHOTOMETRIC CURVE



Luminaire Lumens: 630 lm/ft

Input Watts: 24.6 W

Efficacy: 102 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: BDLED-400-80-40-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	904	904	904	904	904
5	901	900	900	899	898
15	866	865	864	862	860
25	797	796	795	792	791
35	702	700	698	696	694
45	585	585	582	581	577
55	453	454	451	449	446
65	315	315	313	308	305
75	177	176	174	167	162
85	50	50	50	45	41
90	0	0	0	0	0

ZONAL LUMENS

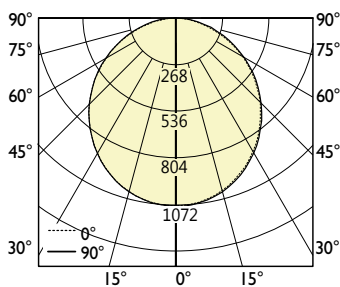
Zone	Lumens
0	
0-10	85
10-20	243
20-30	365
30-40	436
40-50	449
50-60	403
60-70	308
70-80	182
80-90	54
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	6925	5776	5424
55	6547	5121	4716
65	6081	4306	3818
75	5389	3158	2581
85	3881	1395	937

750 lm/ft

PHOTOMETRIC CURVE



Luminaire Lumens: 750 lm/ft

Input Watts: 29.8 W

Efficacy: 100 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: BDLED-400-80-40-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1070	1070	1070	1070	1070
5	1068	1067	1066	1065	1064
15	1026	1025	1023	1021	1019
25	944	943	941	938	937
35	831	829	827	824	822
45	693	693	690	688	684
55	537	537	534	532	528
65	373	373	370	365	362
75	210	209	206	198	192
85	59	59	59	54	48
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	101
10-20	288
20-30	433
30-40	517
40-50	532
50-60	477
60-70	366
70-80	216
80-90	64
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8204	6848	6430
55	7761	6064	5583
65	7200	5091	4531
75	6394	3739	3059
85	4580	1646	1097

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