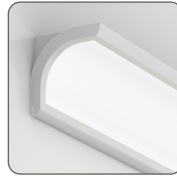


Flat end cap shown



Field cuttable blank extension

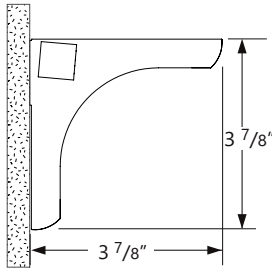


Step end cap shown

Project _____

Type _____

Notes _____



Section view - 90° Wall Mount.

NOTE: 5/8" minimum drywall thickness required.

Axitune
Tunable White

CLS Optic™



Ordering Guide

EL90	AR				CLS		
PRODUCT ID	LINE	NOM. LUMENS/FT	CRI	COLOR TEMP.	SHIELDING	TOTAL LENGTH	FINISH
EL90 Elle Wall 90° Mount	AR architectural	350 350 lm/ft - Min 1000 1000 lm/ft - Max	80 80 CRI 90 90 CRI	27 2700 K* 30 3000 K 35 3500 K 40 4000 K TW2750 2700-5000 K - Tunable White** TW2765 2700-6500 K - Tunable White**	CLS Curved Lens	1.5 1.5' - min* 8 8' - max* S(L) system run	AP aluminum paint W white BLK black C custom
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.		* Consult factory for 90 CRI. ** Consult Axitune technical sheet for more information of color technology. ** Remote driver only; 2ft minimum luminaire length		* Specify length. 0.5 ft increments available. 1.5 ft minimum and up to 8 ft for stand alone. For all other lengths and related outputs, please consult factory; 2 ft minimum with tunable white.	

VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION
120 120 V 277 277 V 347 347 V* UNV universal DC low voltage**	DP dimming (0-10V) 1% - integral* LT Lutron - remote ** O other - remote*** TW(#) tunable white - remote** POE(#) POE drivers - remote**	1 1 circuit +E(#) emergency circuit*	MT mounting rail for drywall and solid surfaces (!) DF drywall flange rail* DS drywall spackle flange rail
* Remote driver only. ** Only available with POE drivers.	* Not available with 347V. ** Specify system, see page 2. Remote only. *** Please consult factory; see page 2.	* Specify quantity	* 5/8" minimum drywall thickness required. (!) Requires End Feed (EF) when installed on solid surfaces

END CAP	END CAP EXTENSIONS	BATTERY - REMOTE (OPTIONAL)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
FL flat ST step	EXTL(L) left side extension (length)* EXTR(L) right side extension (length)* EXTB(L) extensions both sides (length)** NA no blank extensions	BR(#) remote battery pack	EF end feed	C custom
	* Specify length (L) for blank (unlit) end extensions up to 4 ft in 0.5 ft increments. Extensions are field-cuttable to a minimum length of 1.5". **(2) extensions of the specified length (L) for installation on left and right sides.	Remote only	Not available with flex whip wiring. Cord is included (3 ft cord length standard; consult factory for other lengths.)	Please specify.

● SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
End Cap	Cast aluminum
Interior Brackets	Die formed sheet steel (24 gauge)
Lenses	Dual optical system with curved PMMA light guide and polycarbonate lens for added impact protection
End Cap Extension	Extruded aluminum

● ELECTRICAL

Mini driver	ELLE features integral mini driver technology. 0-10V dimming standard.
Lutron driver	LDE1 - EcoSystem H-Series (1%)
Other drivers*	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor *Consult factory
Tunable White TW driver options (remote only)	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency*	Remote emergency battery pack or emergency circuit optional. *Consult factory
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.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 2.5-step MacAdam ellipse). Both within fixture and fixture to fixture.
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° to 40°C (32° to 104°F).

● WEIGHT

4 ft	9.7 lbs / 4.4 kg
8 ft	19.4 lbs / 8.8 kg

● OPTICS

CLS (Curved Luminous Surface)

Patent pending Curved Luminous Surface optic (CLS) allows for visual comfort through controlled luminance while offering superior lens uniformity.

● SYSTEM S(L)

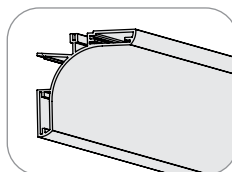
ELLE linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 2', 3', 4', 8' as well as custom lengths are available. Runs of ELLE that are greater than 8' in length are designated as systems (S(L)). This means that the run is comprised of a combination of 4' to 8' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the ELLE 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.

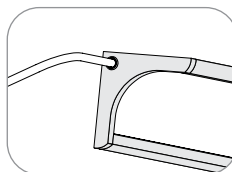
i Specification sheets and installation sheets for all mountings for ELLE luminaires are available for download at www.axislighting.com.

● END CAP EXTENSION (OPTIONAL)



End Cap extensions are available up to 4 ft (in 0.5 ft increments). Extensions are field-cuttable to a minimum length of 1.5".

● END FEED (CUSTOM)



End feed power supply wiring is available. Please consult factory for details.

Mounting flexibility, multiple application solutions

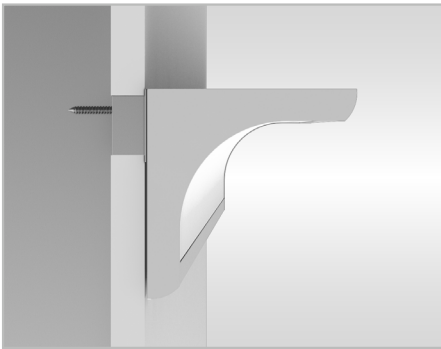
Choose from surface mount (MT) or recessed mount (DF) or spackle mount (DS) rails.

SURFACE MOUNT
RAIL (MT)



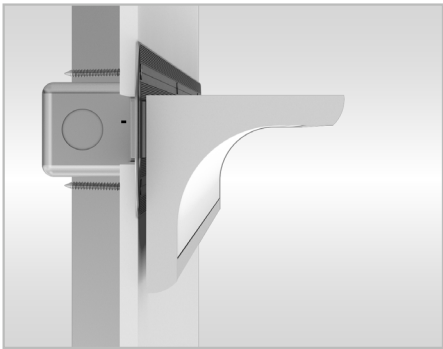
DRYWALL FLANGE
(DF)*

Flush with wall



DRYWALL SPACKLE
(DS)

Flush with wall



*min 5/8 thick drywall

PERFORMANCE AT 3500K FOR 4 FOOT LUMINAIRE

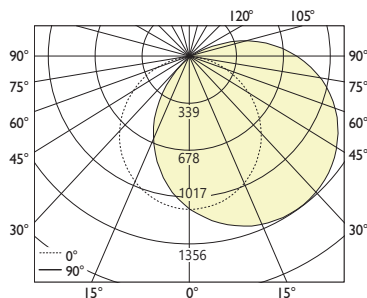
NOMINAL LUMEN OUTPUT	LUMINAIRE LUMENS	INPUT WATTS*	EFFICACY	Estd. L85 LED Life (hrs.)
350 lm/ft	1405 lm	14.20 W	99 lm/W	50000, min
750 lm/ft	3011 lm	30.42 W	99 lm/W	50000, min
1000 lm/ft	4000 lm	40.55W	99 lm/W	50000, min

Please consult factory for custom lumen output and wattage.

● PHOTOMETRIC DATA

PHOTOMETRIC CURVE

1000 lm/ft



Luminaire Lumens: 4014 lm
Input Watts: 40.55 W
Efficacy: 99 lm/W
 IES FILE: EL90-AR-1000-80-35-CLS-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	973	973	973	973	973
5	962	995	1024	1045	1054
15	919	1014	1097	1156	1185
25	848	1005	1142	1231	1280
35	750	964	1152	1280	1338
45	625	891	1120	1291	1356
55	485	786	1059	1255	1334
65	335	657	969	1190	1273
75	185	514	846	1086	1173
85	50	364	697	943	1036
90	3	289	612	859	951
95	0	215	523	764	852
105	0	84	345	558	637
115	0	0	150	333	396
125	0	0	35	95	139
135	0	0	0	0	2

ZONAL LUMENS

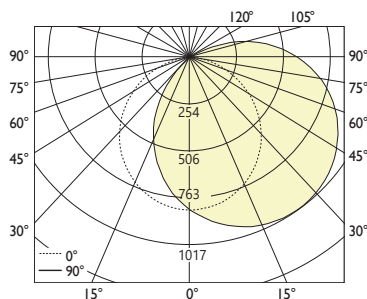
Zone	Lumens
0	
0-10	91
10-20	260
20-30	392
30-40	471
40-50	498
50-60	502
60-70	478
70-80	425
80-90	351
90	
90-100	263
100-110	173
110-120	86
120-130	23
130-140	1

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7245	12978	15712
55	6934	15125	19059
65	6502	18790	24688
75	5847	26784	37129
85	4672	65515	97425

PHOTOMETRIC CURVE

750 lm/ft



Luminaire Lumens: 3011 lm
Input Watts: 30.42 W
Efficacy: 99 lm/W
 IES FILE: EL90-AR-750-80-35-CLS-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	729	729	729	729	729
5	721	746	768	784	791
15	689	761	822	867	889
25	636	754	856	923	960
35	563	723	864	960	1004
45	469	668	840	968	1017
55	364	589	794	941	1001
65	252	492	727	893	955
75	139	385	635	815	880
85	37	273	523	708	777
90	2	217	459	644	714
95	0	161	392	573	639
105	0	63	258	419	478
115	0	0	112	250	297
125	0	0	26	71	104
135	0	0	0	0	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	69
10-20	195
20-30	294
30-40	353
40-50	374
50-60	376
60-70	358
70-80	318
80-90	263
90	
90-100	197
100-110	130
110-120	65
120-130	17
130-140	1

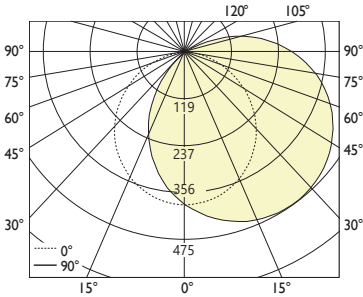
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5433	9733	11784
55	5201	11344	14294
65	4877	14093	18516
75	4385	20088	27846
85	3505	49136	73069

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

PHOTOMETRIC CURVE

350 lm/ft



Luminaire Lumens: 1405 lm
Input Watts: 14.2 W
Efficacy: 99 lm/W
IES FILE: EL90-AR-350-80-35-CLS-4.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	340	340	340	340	340
5	337	348	358	366	369
15	322	355	384	405	415
25	297	352	400	431	448
35	263	338	403	448	468
45	219	312	392	452	475
55	170	275	371	439	467
65	117	230	339	417	446
75	65	180	296	380	411
85	17	127	244	330	363
90	1	101	214	301	333
95	0	75	183	267	298
105	0	29	121	195	223
115	0	0	52	117	139
125	0	0	12	33	49
135	0	0	0	0	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	32
10-20	91
20-30	137
30-40	165
40-50	174
50-60	176
60-70	167
70-80	149
80-90	123
90	
90-100	92
100-110	61
110-120	30
120-130	8

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2536	4542	5499
55	2427	5294	6671
65	2276	6577	8641
75	2047	9374	12995
85	1636	22930	34099