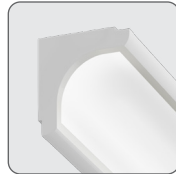
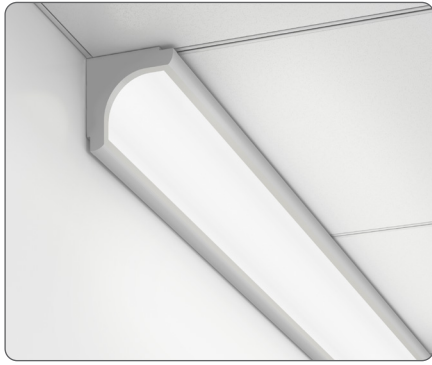
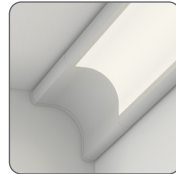


# ELLE Ceiling Line

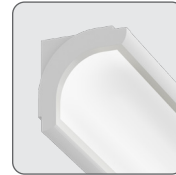
## Horizontal Wall Mount (5/8" min drywall)



Flat end cap shown



Field cuttable blank extension



Step end cap shown

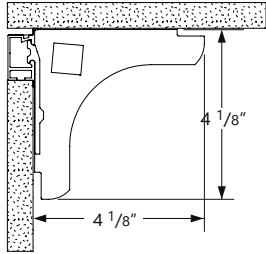
Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

\_\_\_\_\_

- Curved illuminated surface enabled by patent-pending CLS lightguide technology
- InstaHinge™ wall-to-ceiling corner mounting mechanism for easy installation and access. See page 2 for more details.
- Tunable white or static CCT options
- Hairline joiner for continuously illuminated runs
- Integral Axis mini constant current driver, 0-10V dimming standard
- Individual lengths up to 8 ft
- Blank extensions in lengths up to 8 ft allow wall-to-wall installation.
- Mounting rail embeds in 5/8" (min.) drywall without stud modification



Section view - Ceiling-to-Wall Corner Mount

**NOTE: 5/8" minimum drywall thickness required.**



### Ordering Guide

ELSC		AR					CLS				
PRODUCT ID	LINE	NOM. LUMENS/FT		CRI		COLOR TEMP.		SHIELDING	LENGTH	FINISH	
ELSC Elle Ceiling Line Wall Mount	AR architectural	350	350 lm/ft- Min	80	80 CRI	27	2700 K	CLS Curved Lens	2 2' - min*	AP aluminum paint	
						30	3000 K				
						35	3500 K				
						40	4000 K				
						TW2750	2700-5000 K - Tunable White				
TW2765	2700-6500 K - Tunable White										
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.				* Consult Axitune technical sheet for more information of color technology. * Remote driver only				* Specify length. 0.5 ft increments available. 2 ft minimum and up to 8 ft for stand alone. For all other lengths and related outputs, please consult factory.	

VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION	END CAP	UNLIT END EXTENSION
120 120 V	DP dimming (0-10V) 1% - integral*	1 1 circuit	DF drywall flange rail*	FL flat	EXTL(L) right side extension (length)*
277 277 V	LT Lutron - remote **	+E(#) emergency circuit*		ST step	EXTR(L) left side extension (length)*
347 347 V*	O other - remote***			NA no end cap*	EXTB(L) extensions both sides (length)**
UNV universal	TW(#) tunable white drivers**				NA no blank extensions
DC low voltage**	POE(#) POE drivers - remote**				
* 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	* NA - no end cap selection with EXTB end extension option selection is required.	* Specify length (L) for blank (unlit) end extensions up to 8 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

BATTERY - REMOTE (OPTIONAL)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
B(#) remote battery pack	F fuse	C custom
Remote only	Requires 120V or 277V	Please specify

### ● SPECIFICATIONS

#### CONSTRUCTION

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

### ● ELECTRICAL

<b>Lutron driver*</b>	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black LDE5 - 5-Series EcoSystem LTEA - Hi-lume 1% 2-wire (120V forward phase only) *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>Tunable White TW driver options (remote only)</b>	DALIT6 - DALI Type 6 (Two DALI Addresses) DALIT8 - DALI Type 8 (One DALI Address) LTTW - Lutron T-Series Tunable White
<b>Power over Ethernet POE drivers*</b>	MOLEX IGOR O - Other (Consult factory)
<b>Emergency</b>	Integral emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV, DC.

\*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.

### ● LED SYSTEM

<b>CRI</b>	Minimum 80 or 90 color rendering index.
<b>CCT Single Color</b>	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.
<b>CCT Axitune Systems</b>	<a href="#">Consult Axitune technical sheet for more information on color technology.</a>
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal Management</b>	Aluminum housing acting as the heat sink to maximize life.
<b>Environment</b>	Dry and damp rated in operating ambient temperatures of 0-40°C (32-104F).

### ● OPTICS

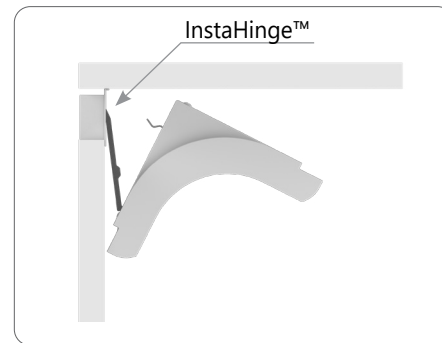
#### CLS (Curved Luminous Surface)

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

### ● WEIGHT

<b>4 ft</b>	9.7 lbs / 4.4 kg
<b>8 ft</b>	19.4 lbs / 8.8 kg

### ● MOUNTING DETAILS



#### SCO SURFACE CORNER MOUNT

**Innovative InstaHinge™** in-wall corner mounting rail  
The InstaHinge is a revolutionary 2-step system for mounting Elle and other Axis luminaires in wall to ceiling and wall to wall configurations. Anchored to a rail embedded in the drywall, the InstaHinge secures the luminaire while allowing for easy serviceability. (1) Deactivate the lock spring by prying down the lip at the top of the luminaire. (2) Hinge the fixture down to access the driver cavity at the back.

### ● 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](http://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.

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

### PERFORMANCE AT 3500K FOR 4 FOOT LUMINAIRE

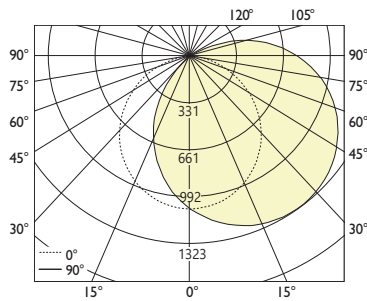
NOMINAL LUMEN OUTPUT	LUMINAIRE LUMENS	INPUT WATTS*	EFFICACY	Estd. L85 LED Life (hrs.)
350 lm/ft	1405 lm	14.20 W	99 lm/W	50000, min
750 lm/ft	3011 lm	30.42 W	99 lm/W	50000, min
1000 lm/ft	4014 lm	40.55 W	99 lm/W	50000, min

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: ELSC-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

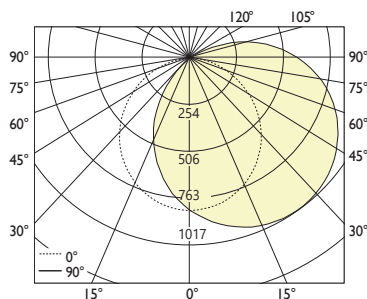
Zone	Lumens
0	91
0-10	260
10-20	392
20-30	471
30-40	498
40-50	502
50-60	478
60-70	425
70-80	351
80-90	263
90	173
90-100	86
100-110	23
110-120	1
120-130	
130-140	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

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

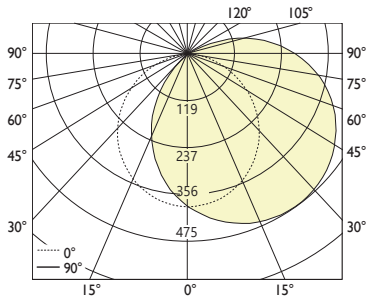
#### LUMINANCE DATA (cd/m<sup>2</sup>)

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](http://www.axislighting.com)

### PHOTOMETRIC CURVE

350 lm/ft



**Luminaire Lumens: 1405 lm**  
**Input Watts: 14.2 W**  
**Efficacy: 99 lm/W**  
 IES FILE: ELSC-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/m<sup>2</sup>)

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