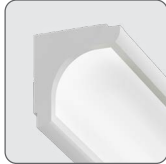


Not recommended for use in Behavioral Health facilities



Flat end cap shown



Field cuttable blank extension

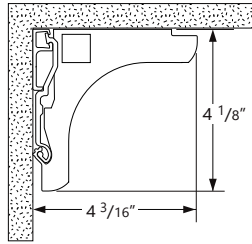


Step end cap shown

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_



Section view - Ceiling-to-Wall Corner Mount

NOTE: 5/8" minimum drywall thickness required.



- Curved illuminated surface enabled by patent-pending BeWell™ CLS lightguide technology
- InstaHinge™ wall-to-ceiling corner mounting mechanism for easy installation and access
- 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'
- Blank extensions in lengths up to 4 ft allow wall-to-wall installation
- Mounting rail embeds in 5/8" (min.) drywall without stud modification



## Ordering Guide

ELSC	BC			CLS		
PRODUCT ID	LINE	NOM. LUMENS/FT	CRI	COLOR TEMP.	SHIELDING	TOTAL LENGTH
ELSC Elle Ceiling Line Wall Mount	BC BalancedCare™	350	350 lm/ft- Min	27 2700 K	CLS Curved Lens	2 2' - min*
		1000	1000 lm/ft- Max	30 3000 K		8 8' - max*
				35 3500 K		(S) system run
				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.		* 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	MT mounting track for drywall and solid surfaces	FL flat	EXTL(L) left side extension (length)*
277 277 V	LT Lutron - remote **	+E(1) emergency circuit*		ST step	EXTR(L) right 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	* No end cap selection with EXTB end extension option.	* 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

BATTERY - REMOTE (OPTIONAL)	REMOTE CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
B(#) remote battery pack	DS(#) daylight sensor DOS(#) daylight & occupancy sensor	C custom
Remote only	Remote only.	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

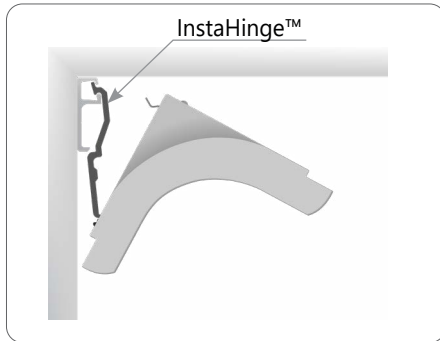
<b>Mini driver</b>	ELLE features integral mini driver technology. 0-10V dimming standard.
<b>Lutron driver*</b>	LDE1 - EcoSystem H-Series (1%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
<b>Other drivers*</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor *Consult factory
<b>Tunable White TW driver options (remote only)</b>	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address) LTTW - Lutron T-Series Tunable White
<b>Power over Ethernet POE drivers* (consult factory for more information)</b>	MOLEX IGOR O - Other (Consult factory) UL2108 certified for integral or remote driver
<b>Emergency*</b>	Integral emergency battery pack or emergency circuit optional. *Consult factory
<b>Input Voltage</b>	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

<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-step MacAdam ellipse). Both within fixture and fixture to fixture.
<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 (32-104°F).

### ● MOUNTING DETAILS



#### MT SURFACE CORNER MOUNT

**Drywall surface InstaHinge™** corner mounting track. The InstaHinge is a revolutionary 2-step system for mounting Elle luminaire in wall to ceiling and wall to wall configurations. Anchored to a track fixed on the drywall surface, 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#)

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' and/or 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).

### ● OPTICS



#### BeWell Optics - CLS (Curved Luminous Surface)

Axis' BeWell™ light guide technology provides multiple precise distribution options to deliver the many layers of light required in healthcare environments. The patent pending Curved Luminous Surface optic (CLS) allows for visual comfort through controlled luminance while offering superior lens uniformity

### ● WEIGHT

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

### ● WARRANTY

BalancedCare™ by 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, BalancedCare™ will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to BalancedCare™.

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

PERFORMANCE AT 3500K FOR 4 FOOT LUMINAIRE

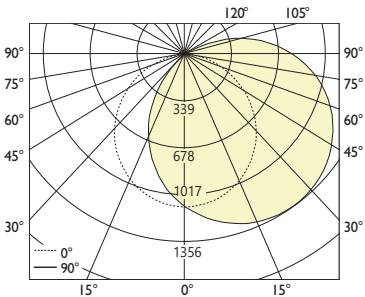
NOMINAL LUMEN OUTPUT	LUMINAIRE LUMENS	INPUT WATTS*	EFFICACY	Estd. L85 LED Life (hrs.)
350 lm/ft	1405 lm	14.20 W	99 lm/W	50000, min
750 lm/ft	3011 lm	30.42 W	99 lm/W	50000, min
1000 lm/ft	4014 lm	40.55 W	99 lm/W	50000, min

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	
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

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