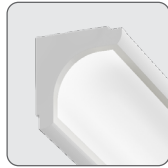
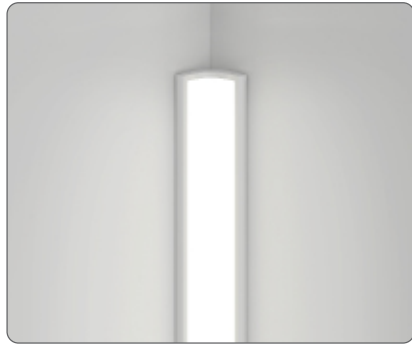


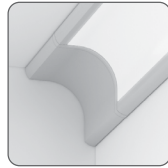
# ELLE Corner

## Vertical Wall Mount

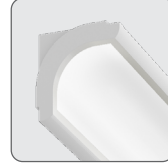
Not recommended for use in Behavioral Health facilities



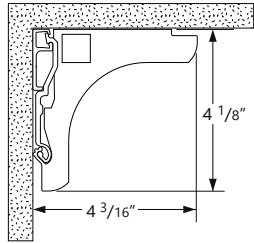
Flat end cap shown



Field cuttable blank extension



Step end cap shown



Section view - Wall-to-Wall Corner Mount



Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

- Curved illuminated surface enabled by patent-pending BeWell™ CLS lightguide technology
- InstaHinge™ wall-to-wall 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 4 ft allow wall-to-wall installation.
- Mounting rail embeds in 5/8" (min.) drywall without stud modification



Axitune Tunable White



### Ordering Guide

| ELSCV                                 |               | BC   |                  |             |        | CLS             |              |  |            |  |        |
|---------------------------------------|---------------|--|------------------|-------------|--------|-----------------|--------------|--|------------|--|--------|
| PRODUCT ID                            | LINE          | NOM. LUMENS/FT   | CRI              | COLOR TEMP. |        | SHIELDING       | TOTAL LENGTH | FINISH   |            |  |        |
| ELSCV Elle Corner Vertical Wall Mount | BC Healthcare | 350  | 350 lm/ft - Min  | 80          | 80 CRI | CLS Curved Lens | 2            | 2' - min*  | AMA        | antimicrobial aluminum paint   |        |
|                                       |               | 1000   | 1000 lm/ft - Max | 90          | 90 CRI |                 | 8            | 8' - max*  | AMW        | antimicrobial white  |        |
|                                       |               |  |                  |             |        |                 |              | (L)  | system run | 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.<br>** Consult Axitune technical sheet for more information of color technology.<br>** 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<br>277 277 V<br>347 347 V*                         | DP dimming (0-10V) 1% - integral*<br>LT Lutron - remote **<br>O other - remote***                                  | 1 1 circuit<br>+E(#) emergency circuit* | DF drywall flange rail*                 | FL flat<br>ST step<br>NA no end cap*                   | EXTL(L) left side extension (length)*<br>EXTR(L) right side extension (length)*<br>EXTB(L) extensions both sides (length)**<br>NA no blank extensions  |
| UNV universal<br>DC low voltage**                            | TW(#) tunable white drivers**<br>POE(#) POE drivers - remote**   |   |   |  |  |
| * Remote driver only.<br>** Only available with POE drivers. | * Not available with 347V<br>** Specify system, see page 2. Remote only.<br>*** 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".<br>**(2) extensions of the specified length (L) for installation on left and right sides |

| BATTERY - REMOTE (OPTIONAL) | CUSTOM (OPTIONAL) |
|-----------------------------|-------------------|
| BR(#) remote battery pack   | C custom          |
| Remote only                 | Please specify    |

### ● SPECIFICATIONS

#### CONSTRUCTION

|                            |   |
|----------------------------|---|
| <b>Housing</b>             | Extruded aluminum (0.075" nominal)<br>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

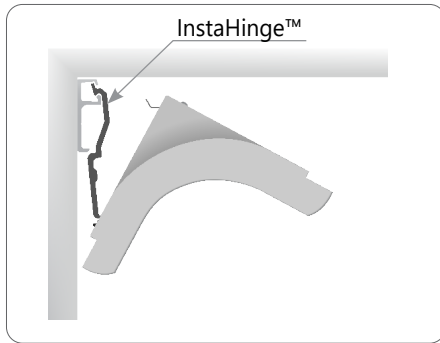
|   |   |
|---|---|
| <b>Mini driver</b>  | ELLE features integral mini driver technology. 0-10V dimming standard.  |
| <b>Lutron driver*</b>   | LDE1 - EcoSystem H-Series (1%)<br>*Consult factory  |
| <b>Other drivers*</b>   | DALI - Digital Addressable Lighting Interface<br>DMX - Digital Multiplex<br>Xitanium SR - For wireless sensor<br>*Consult factory |
| <b>Tunable White TW driver options (remote only)</b>  | DALIDT6 - DALI Type 6 (Two DALI Addresses)<br>DALIDT8 - DALI Type 8 ( One DALI Address)<br>LTTW - Lutron T-Series Tunable White   |
| <b>Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver</b> | MOLEX<br>IGOR<br>SMARTENGINE<br>O - Other (Consult factory)   |
| <b>Emergency*</b>   | Remote emergency battery pack or emergency circuit optional.<br>*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 2.5-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 for indoor use only in operating ambient temperatures of 0° to 40°C (32° to 104°F).  |

### ● MOUNTING DETAILS



#### CS WALL CORNER MOUNT - TOP VIEW

#### Reinvented InstaHinge™ 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 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

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

### ● 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](http://axislighting.com).

- ❗ 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

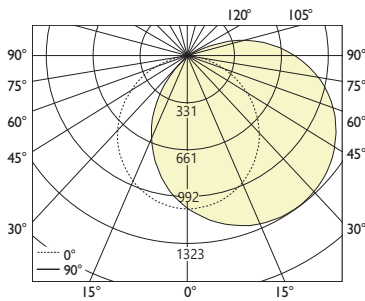
| NOMINAL LUMEN OUTPUT | LUMINAIRE LUMENS | INPUT WATTS* | EFFICACY | Estd. L85 LED Life (hrs.) |
|----------------------|------------------|--------------|----------|---------------------------|
| 350 lm/ft            | 1405 lm          | 14.20 W      | 99 lm/W  | 50000, min                |
| 750 lm/ft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

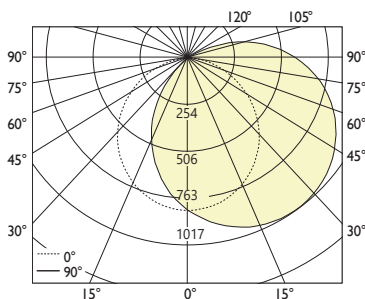
| Zone    | Lumens |
|---------|--------|
| 0       | 91     |
| 0-10    | 260    |
| 10-20   | 392    |
| 20-30   | 471    |
| 30-40   | 498    |
| 40-50   | 502    |
| 50-60   | 478    |
| 60-70   | 425    |
| 70-80   | 351    |
| 80-90   | 263    |
| 90      | 173    |
| 90-100  | 86     |
| 100-110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

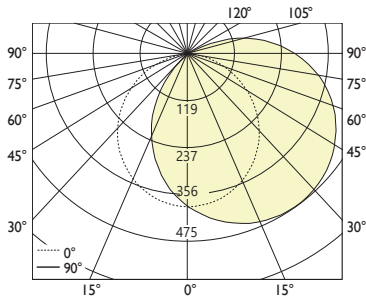
#### LUMINANCE DATA (cd/m<sup>2</sup>)

| 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/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 |

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