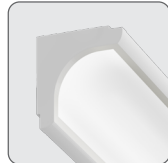
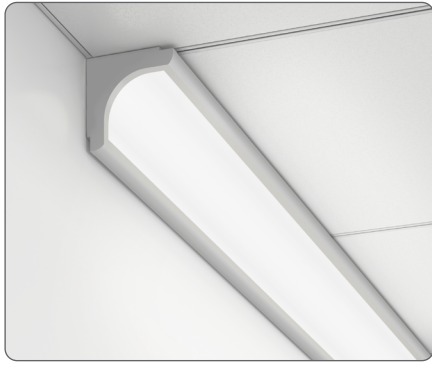


# ELLE Ceiling Line

## Horizontal Wall Mount



Flat end cap shown



Field cuttable end cap extension

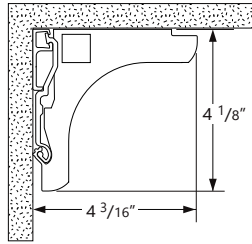


Step end cap shown

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_



Section view - Ceiling-to-Wall Corner Mount



- 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
- End cap extensions in lengths up to 4 ft allow wall-to-wall installation.
- Drywall surface mounted track may be shimmed to account for a bevel in the wall, providing a true surface for mounting.



### Ordering Guide

| ELSC                              | AR               |                                                                                                            |                        |                                                                                                                                        | CLS                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|------------------|------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT ID                        | LINE             | NOM. LUMENS/FT                                                                                             | CRI                    | COLOR TEMP.                                                                                                                            | SHIELDING                                                                                                                                                                                                                                                                                                   |
| ELSC Elle Ceiling Line Wall Mount | AR architectural | 350 350 lm/ft - Min<br>1000 1000 lm/ft - Max                                                               | 80 80 CRI<br>90 90 CRI | 27 2700 K*<br>30 3000 K<br>35 3500 K<br>40 4000 K<br>TW2750 2700-5000 K - Tunable White**<br>TW2765 2700-6500 K - Tunable White**      | CLS Curved Lens                                                                                                                                                                                                                                                                                             |
|                                   |                  | 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.<br>** Continuous runs exceeding 24' requires a 1" non-illuminated joiner every 16' or less for ease of installation and maintenance purposes |

| FINISH                                                | VOLTAGE                                                                   | DRIVER                                                                                                                                             | CIRCUITS                                | MOUNTING/SUSPENSION                              | END CAP                                                                           |
|-------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| AP aluminum paint<br>W white<br>BLK black<br>C custom | 120 120 V<br>277 277 V<br>347 347 V*<br>UNV universal<br>DC low voltage** | DP dimming (0-10V) 1% - integral*<br>LT Lutron - remote**<br>O other - remote***<br>TW(#) tunable white drivers**<br>POE(#) POE drivers - remote** | 1 1 circuit<br>+E(#) emergency circuit* | MT mounting track for drywall and solid surfaces | FL flat<br>ST step<br>NA no end cap*                                              |
|                                                       | * 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                      |                                                  | * NA - no end cap selection with EXTB end extension option selection is required. |

| END CAP EXTENSION                                                                                                                                                                                                                                                               | BATTERY - REMOTE (OPTIONAL) | CUSTOM (OPTIONAL) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------|
| EXTL(L) left side extension (length)*<br>EXTR(L) right side extension (length)*<br>EXTB(L) extensions both sides (length)**<br>NA no extensions                                                                                                                                 | B(#) remote battery pack    | C custom          |
| * Specify length (L) for end cap extensions up to 4 ft in 0.5 ft increments. Extensions are field-cuttable to a minimum length of 1.5". For longer extensions, please consult factory.<br>**(2) extensions of the specified length (L) for installation on left and right sides | 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>End Cap Extension</b> | Extruded aluminum                                                                                   |

### ● ELECTRICAL

|                                                      |                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Lutron driver</b>                                 | LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black                                                                        |
| <b>Other drivers**</b>                               | DALI - Digital Addressable Lighting Interface<br>DMX - Digital Multiplex<br>Xitanium SR - For wireless sensor                  |
| <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*</b>              | MOLEX<br>IGOR<br>SMARTENGINE<br>O - Other (Consult factory)                                                                    |
| <b>Emergency</b>                                     | Remote 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 for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).                                                                        |

### ● WEIGHT

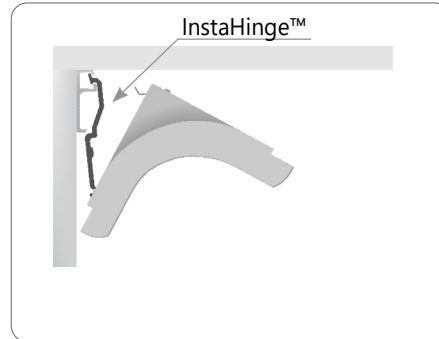
|             |                   |
|-------------|-------------------|
| <b>4 ft</b> | 9.7 lbs / 4.4 kg  |
| <b>8 ft</b> | 19.4 lbs / 8.8 kg |

### ● OPTICS

#### CLS (Curved Luminous Surface)

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

### ● MOUNTING DETAILS



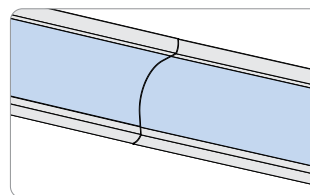
#### MT SURFACE CORNER MOUNT

**Drywall surface InstaHinge™** corner mounting track.

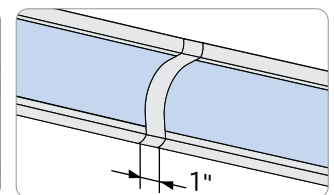
The InstaHinge is a revolutionary 2-step system for mounting Elle luminaire in wall to ceiling and wall to wall configurations. Anchored to a track fixed on the drywall surface, the InstaHinge secures the luminaire while allowing for easy serviceability. (1) Deactivate the lock spring by prying down the lip at the top of the luminaire. (2) Hinge the fixture down to access the driver cavity at the back.

### ● SYSTEM S(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). Continuous runs exceeding 24' requires a 1" non-illuminated joiner every 16' or less (as specified by customer) for ease of installation and maintenance purposes



System Run under 24 feet long  
joiner view.



System Run over 24 feet joiner  
view.

### ● 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).

### PERFORMANCE AT 3500K FOR 4 FOOT LUMINAIRE

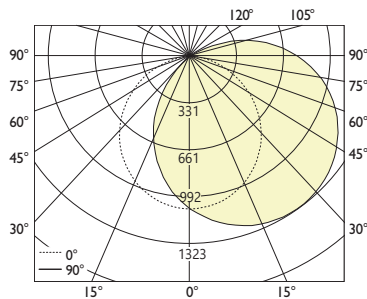
| NOMINAL LUMEN OUTPUT | LUMINAIRE LUMENS | INPUT WATTS* | EFFICACY | Estd. L85 LED Life (hrs.) |
|----------------------|------------------|--------------|----------|---------------------------|
| 350 lm/ft            | 1405 lm          | 14.20 W      | 99 lm/W  | 50000, min                |
| 750 lm/ft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

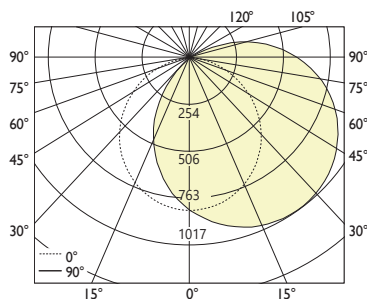
| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 91     |
| 10-20   | 260    |
| 20-30   | 392    |
| 30-40   | 471    |
| 40-50   | 498    |
| 50-60   | 502    |
| 60-70   | 478    |
| 70-80   | 425    |
| 80-90   | 351    |
| 90      |        |
| 90-100  | 263    |
| 100-110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

#### 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       |        |
| 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      |

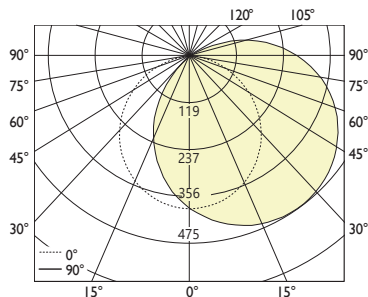
#### LUMINANCE DATA (cd/m²)

| 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](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 |