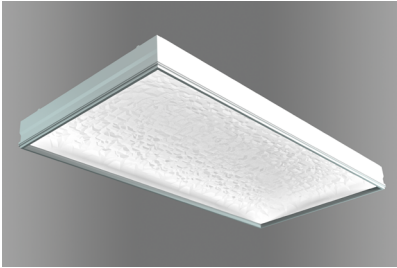


# MARK ARCHITECTURAL LIGHTING™

# CHISEL 2'X4'

Recessed – Tunable White

Type:



CHISEL reveals the shape of light with soft luminous gradients and textures that add depth and character to any design. 5 forms, 4 luminous effects and 3 textured patterns allow for endless options to create clusters and unique layouts that deliver high quality volumetric lighting for practical performance and design impact.

Project:

Catalog Number:

DO NOT TYPE HERE. Autopopulated field.

## Specification Features

### Housing

Extruded aluminum housing. 2'x4' 38 lbs.

### Finish

Painted after fabrication, high reflectance matte white.

### Reflector

High-impact, 97% reflective vacuum-formed polymer reflector with textured pattern and satin white finish.

### Mounting

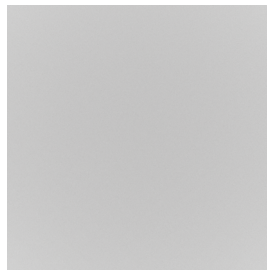
Recessed. Available 9/16" and 15/16" flat, 9/16" screw slot or 9/16" narrow.

### Lens

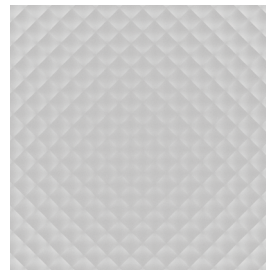
Clear acrylic sanitary lens option seals off aperture for easy wipe down in healthcare applications.

See page 2 for additional specifications.

## Texture



MNML

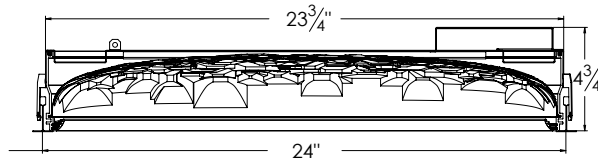


WVE



PYR

## Section View



Declare.

eldoLED  
your product | our drive

## Ordering

Example: CHSL 2X4 G9 80CRI TUWH RHYR 5000LM WVE 2SDP DARK 120 NLT

| CHSL   | 2X4       |                 |  |                                |                    |  |  |  |  |  |
|--------|-----------|-----------------|--|--------------------------------|--------------------|--|--|--|--|--|
| Series | Size      | Ceiling Trim    | LED Color Rendering  | Dynamic Feature                | Dynamic Range      | LED Output <sup>2</sup>  |  |  |  |  |
| CHSL   | 2X4 2'X4' | DF<br>G9<br>G15 | Tegular tee slot <sup>1</sup><br>9/16" inverted tee<br>15/16" inverted tee | 80CRI 80+ CRI<br>90CRI 90+ CRI | TUWH Tunable white | PROR Productivity range (3000-5000K)<br>RHYR Rhythm range (2700-6500K) | 2000LM 2000 Lumens<br>3000LM 3000 Lumens<br>4000LM 4000 Lumens<br>5000LM 5000 Lumens<br>6000LM 6000 Lumens<br>7000LM 7000 Lumens<br>8000LM 8000 Lumens |  |  |  |

| Texture         | Directional Gradient                                     | Minimum Dimming Level                  | Voltage                          | Emergency Options  | Control Input                   | Options   |
|-----------------|--|--|----------------------------------|--|---------------------------------|---|
| MNML Minimalist | 1SD <sup>3</sup> Side                                    | DARK Constant Current, Dimming to < 1% | 120 120V<br>277 277V<br>347 347V | E10WCP <sup>5</sup> 10-watt emergency battery pack<br>EMG <sup>6</sup> Emergency generator power | NLT nLight with nTune interface | SNL Sanitary Lens<br>AMF <sup>6</sup> Anti-Microbial Finish |
| WVE Weave       | 2SDP <sup>3</sup> Parallel                               |  |                                  |  |                                 |   |
| PYR Pyramid     | 2SDPO <sup>4</sup> 2 sides, Parallel opposite<br>4SD All |  |                                  |  |                                 |   |

See page 3 for detailed explanation of Parallel Opposite options.

### Notes

- Available for 9/16" grid only.
- See table for delivered lumens/fixture.
- Incorporates longest side of luminaire.
- Opposite sides contrasting CCT.
- Not available with 347 option.
- Must select SNL with AMF.



**Specification Features (continued)**

**Electrical**

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000).

**Color Consistency**

The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. Color variation is no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

**Driver**

eldoLED® driver provides natural dimming with smooth, continuous and flicker-free deep dimming. Supports operation between 120VAC and 277 VAC, with low inrush current (NEMA 410) and THD < 20%. Meets FCC Title 47 C.F.R. 15 Class A or Class B requirements. Lutron high performance driver options also available.

**Mainstream Dynamic Tunable White with nTune Technology**

nTune is an all digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system for everyday applications. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment.

**Certification**

UL Certified to meet U.S. and Canadian standards, rated for damp locations.

**Healthcare Applications**

This fixture is suitable for use in healthcare applications such as patient rooms, nursing stations, long term care and hallways when the optional sanitary lens and antimicrobial paint are specified.

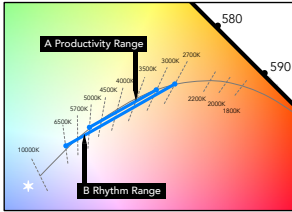
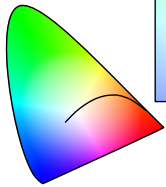
**Warranty**

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



- A** Productivity Range 3000K to 5000K
- B** Rhythm Range 2700K to 6500K

**Tunable White GPHD**

- **Gamut:** One dimensional warm-Cool
- **Path:** Direct 3000K to 5000k (Productivity Range) or 2700K to 6500K (Rhythm Range)
- **Handle:** Two Natural Language Handles: Intensity and CCT
- **Data:** nLight with nTune technology for both handles of control

**Directional Gradient**



1SD



2SDP



4SD

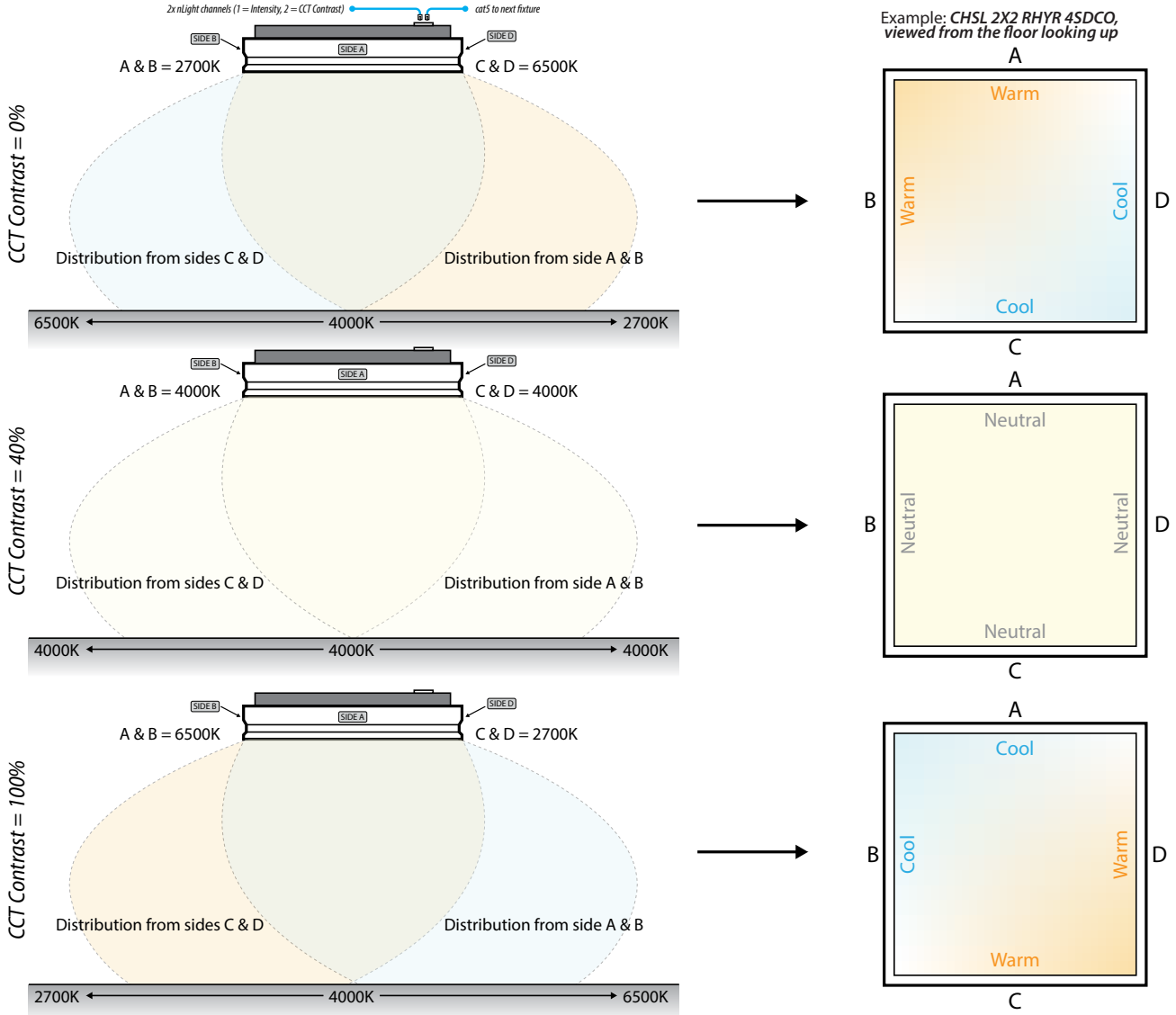
**Fixture Performance**

| LED Output | Directional Gradient | Rhythm Range (RHYR) |       |       |                 |       |       | Productivity Range (PROR) |       |       |                 |       |       |
|------------|----------------------|---------------------|-------|-------|-----------------|-------|-------|---------------------------|-------|-------|-----------------|-------|-------|
|            |                      | Total Lumens        |       |       | Lumens Per Watt |       |       | Total Lumens              |       |       | Lumens Per Watt |       |       |
|            |                      | 2700K               | 4600K | 6500K | 2700K           | 4600K | 6500K | 3000K                     | 4000K | 5000K | 3000K           | 4000K | 5000K |
| 2000LM     | 1SD                  | 1762                | 1568  | 2052  | 95.7            | 104.0 | 120.3 | 2204                      | 1737  | 2056  | 119.7           | 115.3 | 120.6 |
|            | 2SDx                 | 1797                | 1599  | 2092  | 99.8            | 108.5 | 125.5 | 2247                      | 1771  | 2097  | 124.8           | 120.2 | 125.7 |
|            | 4SD                  | 1730                | 1539  | 2015  | 92.3            | 100.3 | 116.0 | 2164                      | 1705  | 2019  | 115.4           | 111.1 | 116.2 |
| 3000LM     | 1SD                  | 2515                | 2319  | 2879  | 97.4            | 109.1 | 119.4 | 3043                      | 2572  | 2901  | 117.8           | 121.0 | 120.3 |
|            | 2SDx                 | 2600                | 2398  | 2977  | 103.2           | 115.7 | 126.6 | 3147                      | 2659  | 3000  | 124.9           | 128.3 | 127.5 |
|            | 4SD                  | 2520                | 2324  | 2885  | 100.9           | 113.1 | 123.8 | 3050                      | 2577  | 2907  | 122.1           | 125.5 | 124.7 |
| 4000LM     | 1SD                  | 3373                | 3237  | 3784  | 95.5            | 110.9 | 113.8 | 3923                      | 3594  | 3838  | 111.1           | 123.1 | 115.4 |
|            | 2SDx                 | 3533                | 3390  | 3963  | 101.2           | 117.5 | 120.6 | 4109                      | 3764  | 4020  | 117.7           | 130.4 | 122.3 |
|            | 4SD                  | 3442                | 3303  | 3861  | 100.0           | 116.1 | 119.2 | 4003                      | 3667  | 3916  | 116.3           | 128.9 | 120.9 |
| 5000LM     | 2SDx                 | 4403                | 4317  | 4941  | 99.3            | 114.6 | 119.7 | 5280                      | 4824  | 5008  | 119.1           | 128.1 | 121.3 |
|            | 4SD                  | 4322                | 4238  | 4850  | 100.0           | 115.4 | 120.5 | 5183                      | 4735  | 4916  | 120.0           | 129.0 | 122.2 |
|            | 2SDx                 | 5268                | 5252  | 5932  | 100.0           | 115.6 | 120.5 | 6317                      | 5869  | 6013  | 119.9           | 129.2 | 122.2 |
| 6000LM     | 4SD                  | 5205                | 5189  | 5861  | 100.2           | 115.9 | 120.8 | 6241                      | 5799  | 5941  | 120.2           | 129.5 | 122.5 |
|            | 2SDx                 | 6234                | 6331  | 7047  | 97.7            | 113.3 | 117.9 | 7476                      | 7074  | 7143  | 117.2           | 126.6 | 119.5 |
|            | 4SD                  | 6169                | 6265  | 6974  | 98.0            | 113.6 | 118.2 | 7398                      | 7001  | 7069  | 117.5           | 126.9 | 119.8 |
| 7000LM     | 2SDx                 | 6877                | 7123  | 7705  | 95.5            | 112.8 | 114.3 | 8247                      | 7960  | 7809  | 114.6           | 126.1 | 115.8 |
|            | 4SD                  | 6844                | 7089  | 7668  | 96.9            | 114.4 | 115.9 | 8207                      | 7921  | 7772  | 116.2           | 127.9 | 117.5 |

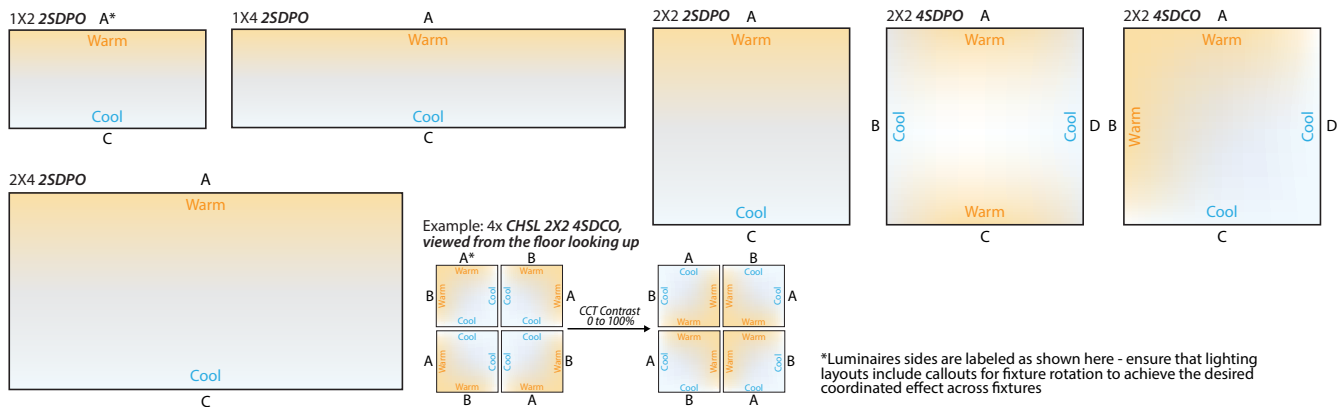


**CHSL CCT Contrast - Typical Behavior**

Chisel with CCT Contrast allows you to achieve a dynamic color temperature gradient effect with simplified controls. Fixtures have a single 2-channel nLO where one channel controls intensity of all sides and the other channel controls the contrast in CCT between edges - as one side of the fixture color tunes from warm to cool, the other side dependently tunes from cool to warm. The output CCT of the fixture remains fixed at 4000K even as the reflector appearance changes dramatically.

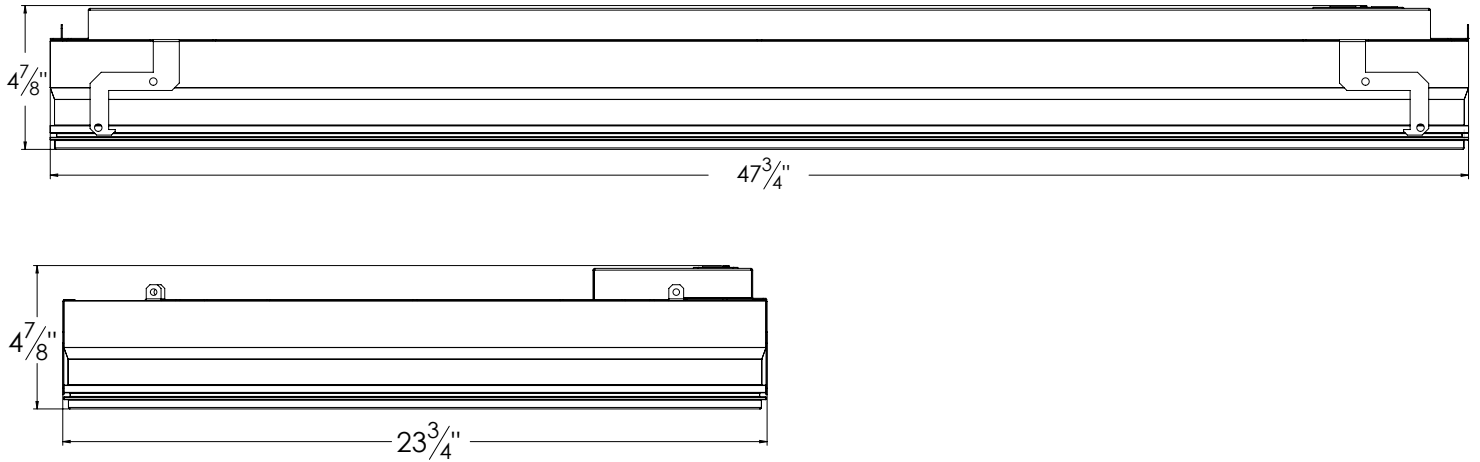


**CHSL CCT Contrast - Sizes and Options**

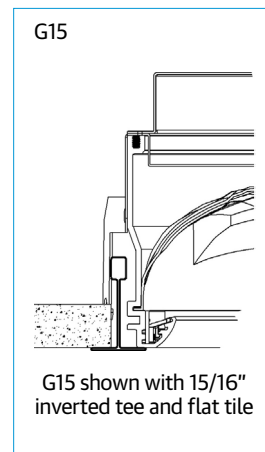
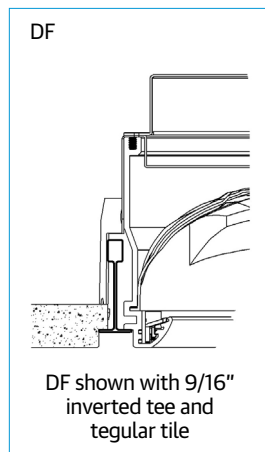
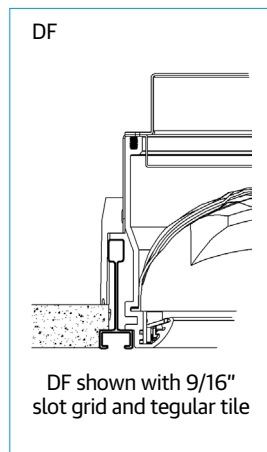
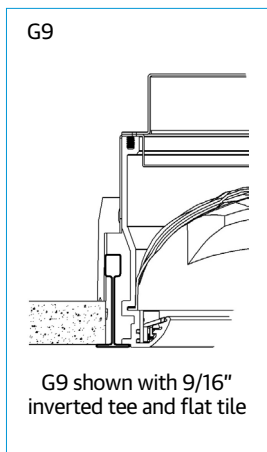




**Technical Drawing**



**Ceiling Trim**



**A+ Capable Luminaire**

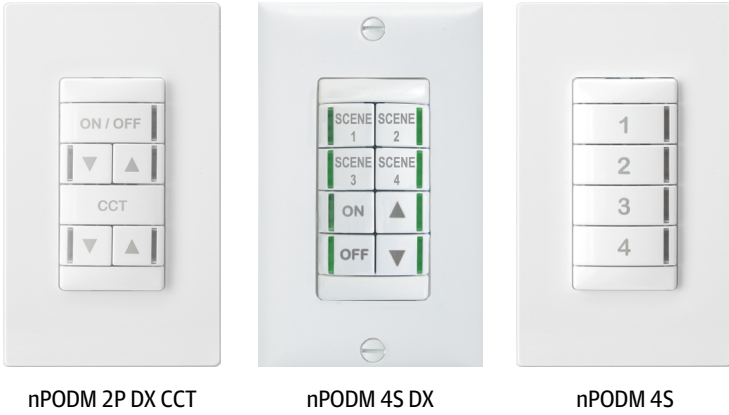
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control capability with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



**Suggested Wall Pods (order separately)**



**Typical nLight network Layout**

