

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'x2' 20 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

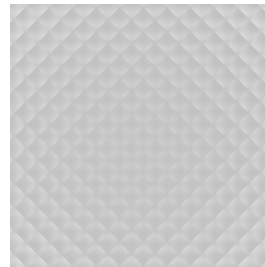
Recessed. Available 9/16" and 15/16" flat, 9/16" screw slot or 9/16" narrow.

See page 2 for additional specifications.

Texture



MNML

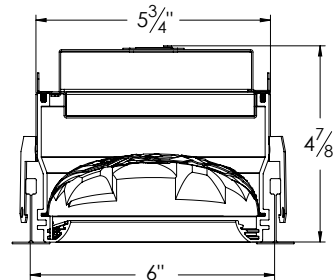


WVE



PYR

Section View



Declare.



eldoLED
your product | our drive



A+ Capable options indicated by this color background.

Ordering

Example: CHSL 6X4 G9 80CRI TUWH RHYP 2000LM WVE 1SD DARK 120 NLT

CHSL		6X4											
Series		Size		Ceiling Trim		LED Color Rendering		Dynamic Feature		Dynamic Range		LED Output²	
CHSL		6X4	6"X4'	DF	Tegular tee slot¹	80CRI	80+ CRI	TUWH	Tunable white	PROR	Productivity range (3000-5000K)	1000LM	1000 Lumens
				G9	9/16" inverted tee	90CRI	90+ CRI					1500LM	1500 Lumens
				G15	15/16" inverted tee					RHYR	Rhythm range (2700-6500K)	2000LM	2000 Lumens
												2500LM	2500 Lumens
												3000LM	3000 Lumens
												3500LM	3500 Lumens
												4000LM	4000 Lumens
Texture		Directional Gradient		Minimum Dimming Level		Voltage		Emergency Options				Control Input	
MNML	Minimalist	1SD³	Side	DARK	Constant Current, Dimming to < 1%	120	120V	E10WCP⁴	10-watt emergency battery pack			NLT	nLight with nTune interface
WVE	Weave					277	277V	EMG⁴	Emergency generator power				
PYR	Pyramid		(see page 2)			347	347V						

Notes

- Available for 9/16" grid only.
- See table for delivered lumens/fixture.
- Incorporates longest side of luminaire.
- Not available with 347 option.



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.

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 compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

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

*See ordering tree for details

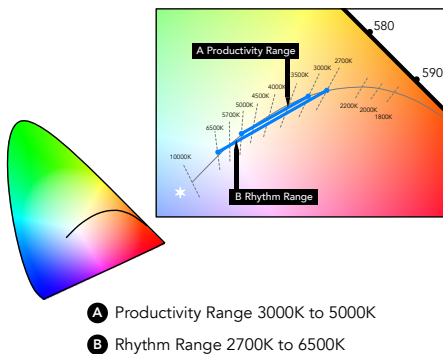
Warranty

5-year limited warranty. Complete warranty terms located at: 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.



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

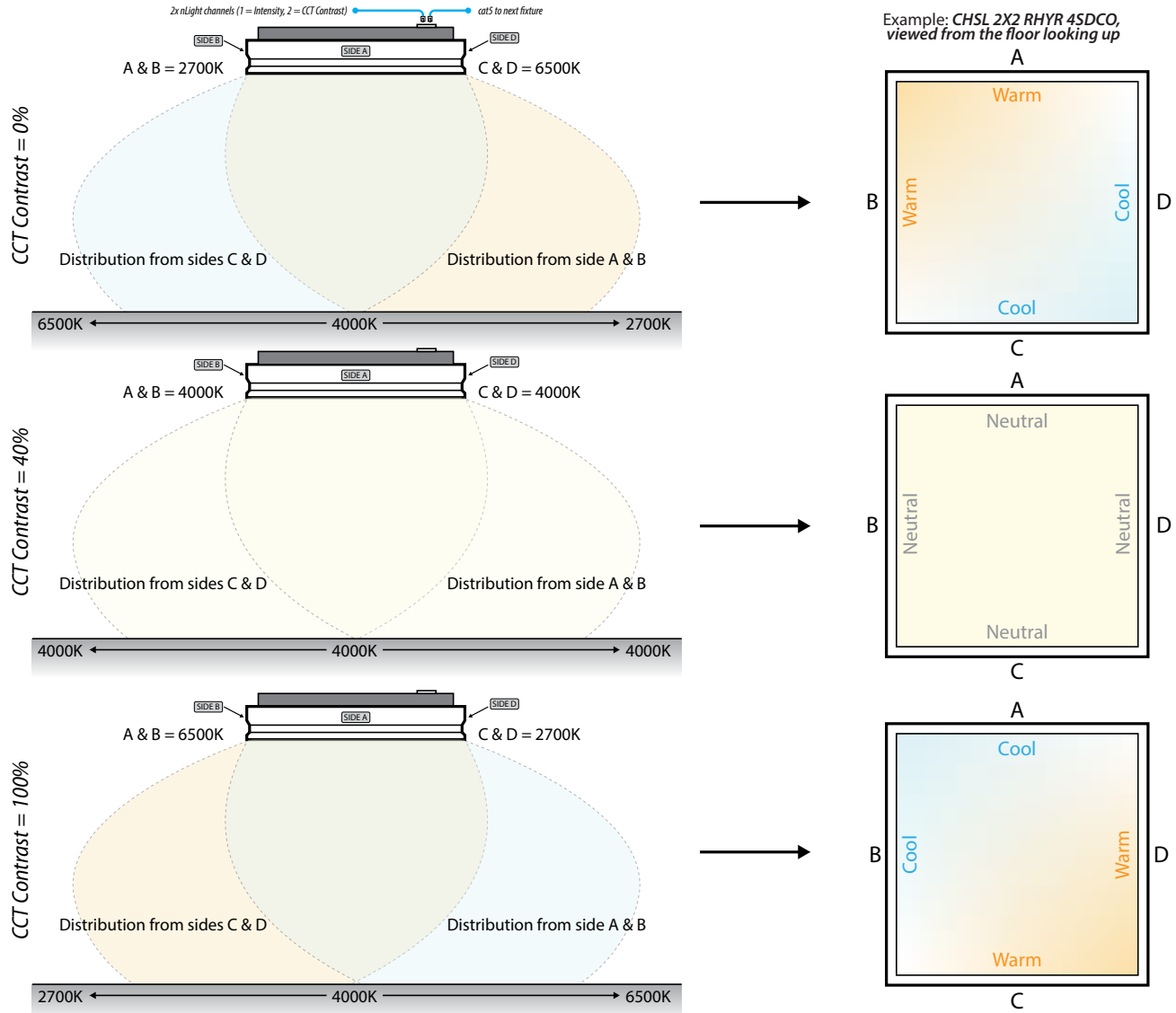
Fixture Performance

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
1000LM	1SD	670	780	835	74.3	85.9	95.8	843	842	813	93.5	92.7	93.2
1500LM	1SD	1091	1173	1311	83.3	94.9	104.2	1335	1250	1292	101.9	101.1	102.7
2000LM	1SD	1627	1604	1883	90.4	101.7	109.6	1908	1660	1856	106.0	105.2	108.0
2500LM	1SD	1998	1845	2251	92.9	104.0	110.2	2253	1847	2200	104.8	104.1	107.7
3000LM	1SD	2475	2324	2788	93.7	105.7	112.1	2774	2329	2690	105.1	106.0	108.1
3500LM	1SD	2793	2655	3147	93.1	105.7	112.0	3119	2664	3007	104.0	106.0	107.0
4000LM	1SD	3205	3109	3613	91.3	104.7	110.9	3652	3205	3491	104.0	108.0	107.2

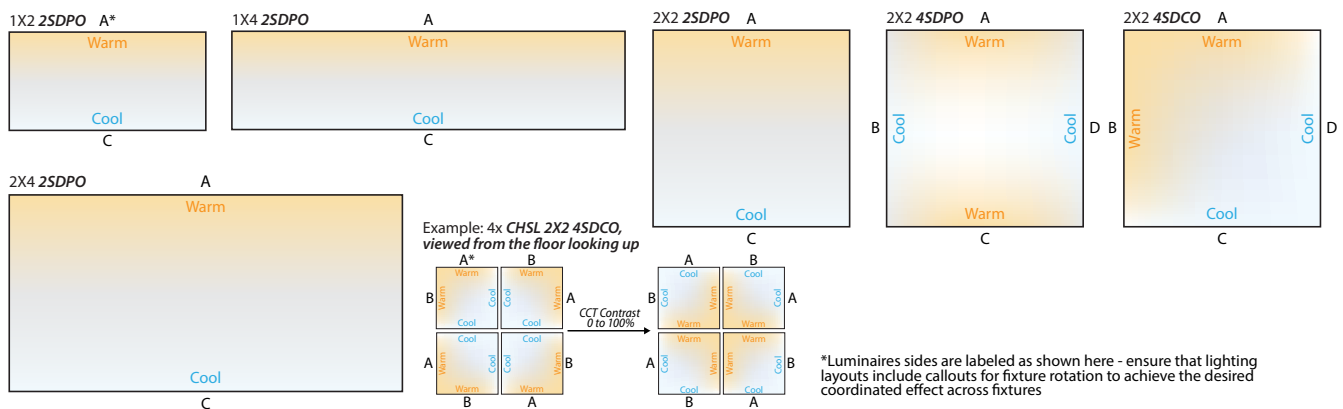


CHSL CCT Contrast - Typical Behavior

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.

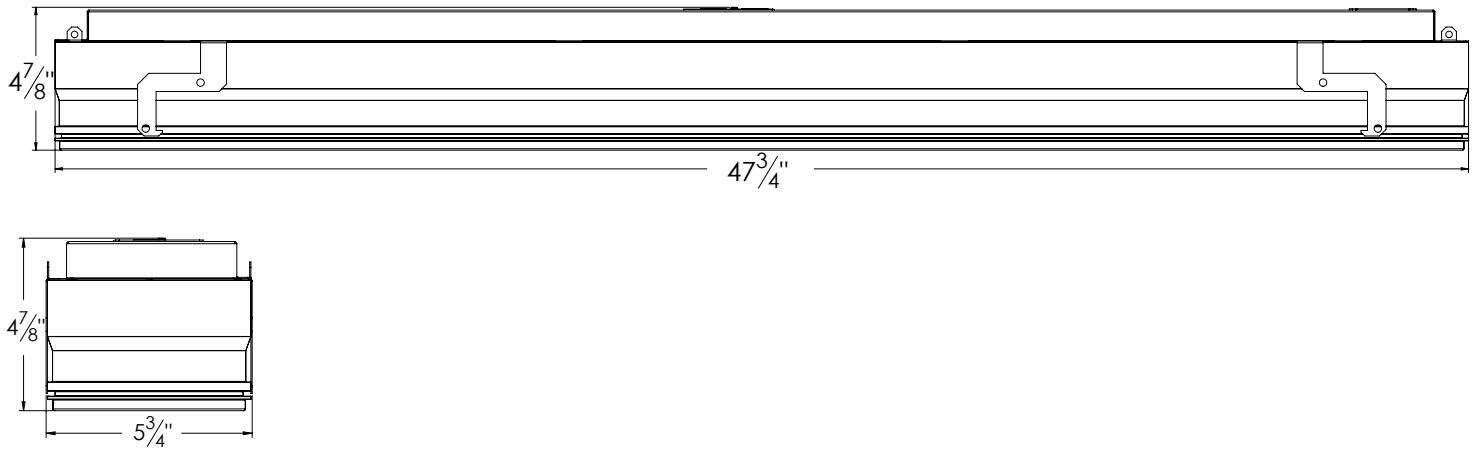


CHSL CCT Contrast - Sizes and Options

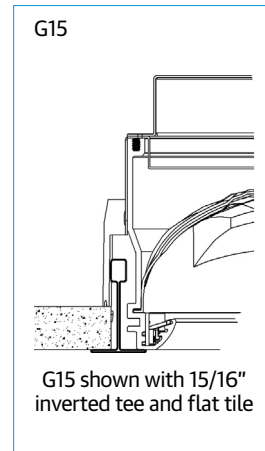
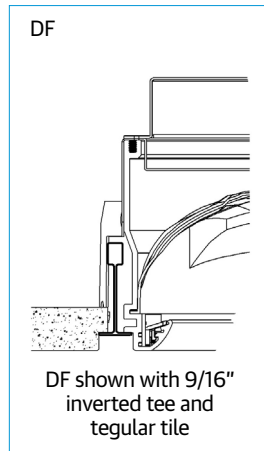
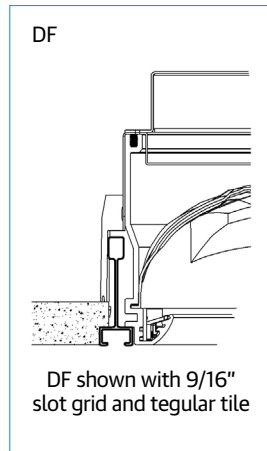
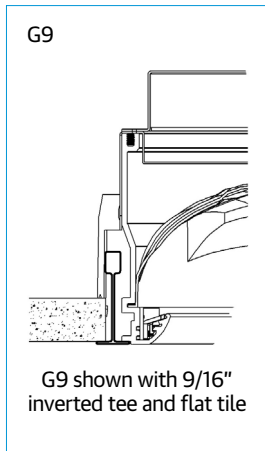




Technical Drawing



Ceiling Trim





Suggested Wall Pods (order separately)



Typical nLight network Layout

