

CSL | GYROSHIFT®



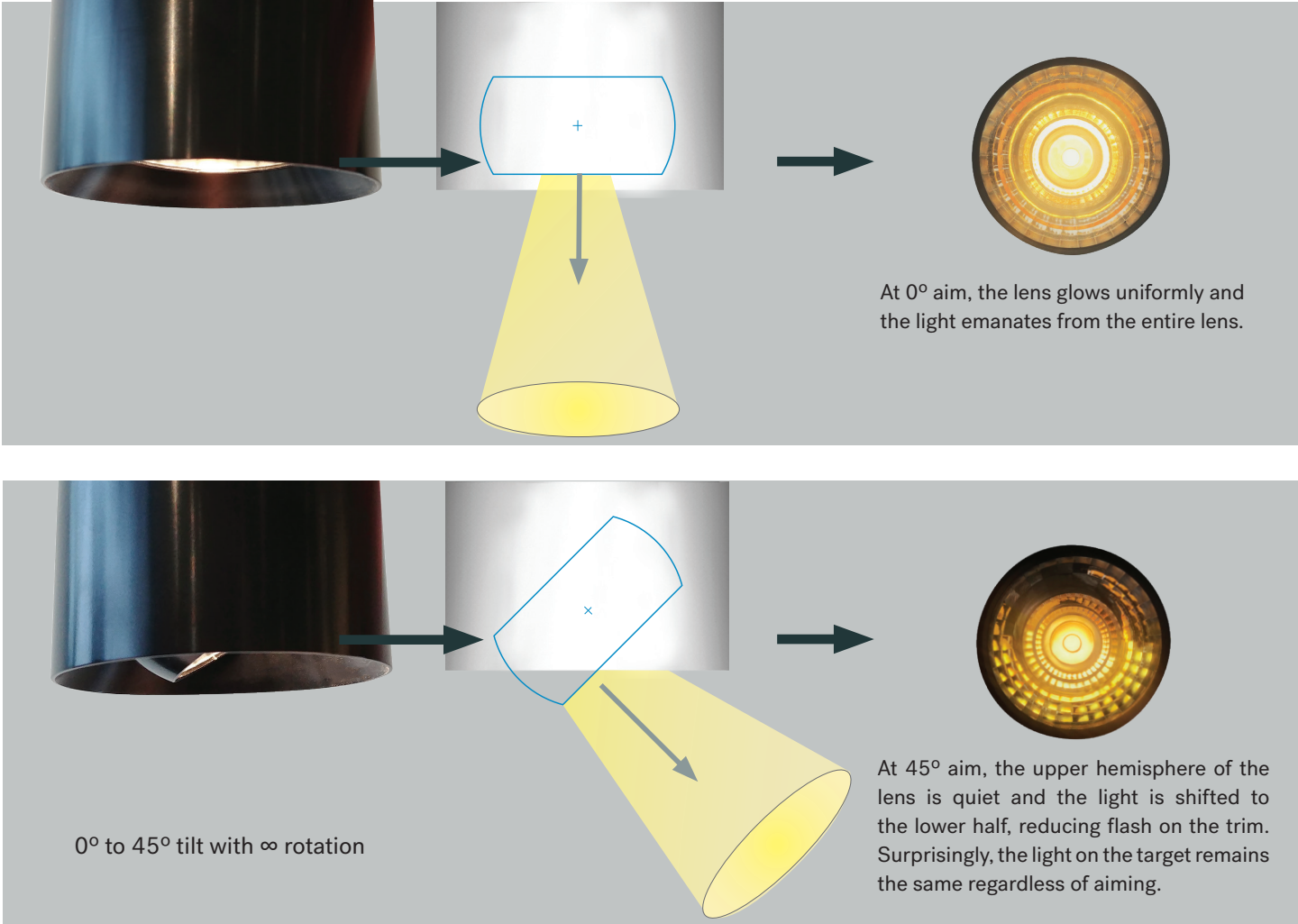
A Different Way to Downlight
Adjustable from 0° to 45° with Infinite Rotation

What is GyroShift®?

A different way to downlight, CSL's patented GyroShift® technology is a unique system that allows you to easily adjust a downlight with no loss of light on the target. CSL engineers designed the innovative bezel-and-ball system so that any lighting adjustment can be made while installed with just a twist of the bezel —no tools needed. From 0° to 45° angles with infinite rotation, GyroShift® optics are designed to provide a uniformly bright light and round beam at any angle. In addition, the GyroShift® optics are field-changeable and available in 10°, 30°, and 50°.

How GyroShift® Works

Typical downlights are not equal to CSL's patented GyroShift® products. Our LED remains stationary with a thermally optimized connection to the compact, shallow height housing, which performs as one large heat sink. Each GyroShift® bezel positions one of our patented GyroShift® lenses to focus, shift, shape, and deliver up to 2254lm of light at targets up to 45° from nadir.



High Lumens in Tight Spaces

Our best-in-class power and modular optical system with diminutive 4"-high housings enable you to supply crisp accents, broad washes, and tailored light wherever you need it. CSL's GyroShift® can go wherever you need an adjustable downlight solution.

A simple twist of the elegantly shaped bezel unlocks the 45° of tilt and infinite rotation of the optical carriage. A further twist of the bezel allows for the lens to be quickly exchanged, converted into a wall wash, or fine-tuned with up to two media. The efficiency of the system is extremely high at all aim angles. The LED and LED Driver are fully field-serviceable.



CSL

GYROSHIFT®
CYLINDERS

Main Features

- Surface, Pendant, and Wall mounts
- Available with a coastal finish
- 2700K, 3000K, 3500K,or 4000K CCT at 90CRI
- Warm Dim available in 3" and 5" sizes
- 10°, 30°, and 50° field-replaceable optics
- 45° adjustability with ∞° rotation
- Stems include 48" of stem. Cord mount comes with 10' length of cord.

Not your ordinary cylinder fixture, GyroShift® Cylinders incorporate our patented GyroShift® technology into our powerful, versatile cylinders. Within each cylinder is a stationary LED with a thermally optimized connection to the entire cylinder body which performs as one large heatsink. GyroShift® Cylinder can deliver up to 2025lm with 10°, 30°, and 50° beam angles and support up to 2 media. GyroShift® Cylinders have a full 45° of adjustability while maintaining a clean decorative aesthetic. Available in 1", 3", and 5" diameters, and four mounting options (Ceiling, Stem, Cord, and Wall), GyroShift® Cylinders complete the look of any space.

GyroShift™ family of products are designed exclusively by CSL in the USA. Consult spec sheet for full product details.



5" Flush Mount GyroShift
(LF5-SFT)



Base



Locking Ring



Optic



Media



Ball



1" GyroShift
Stem Mount Pendant*
(LP1-SFT)



1" GyroShift
Flush Mount
(LF1-SFT)



3" GyroShift
Stem Mount Pendant*
(LP3-SFT)



3" GyroShift
Flush Mount*
(LF3-SFT)



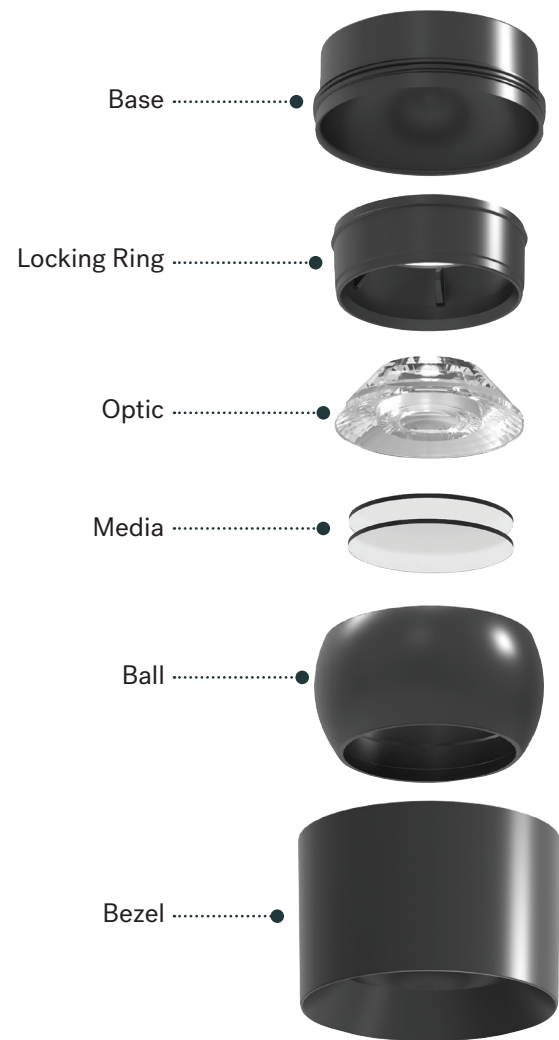
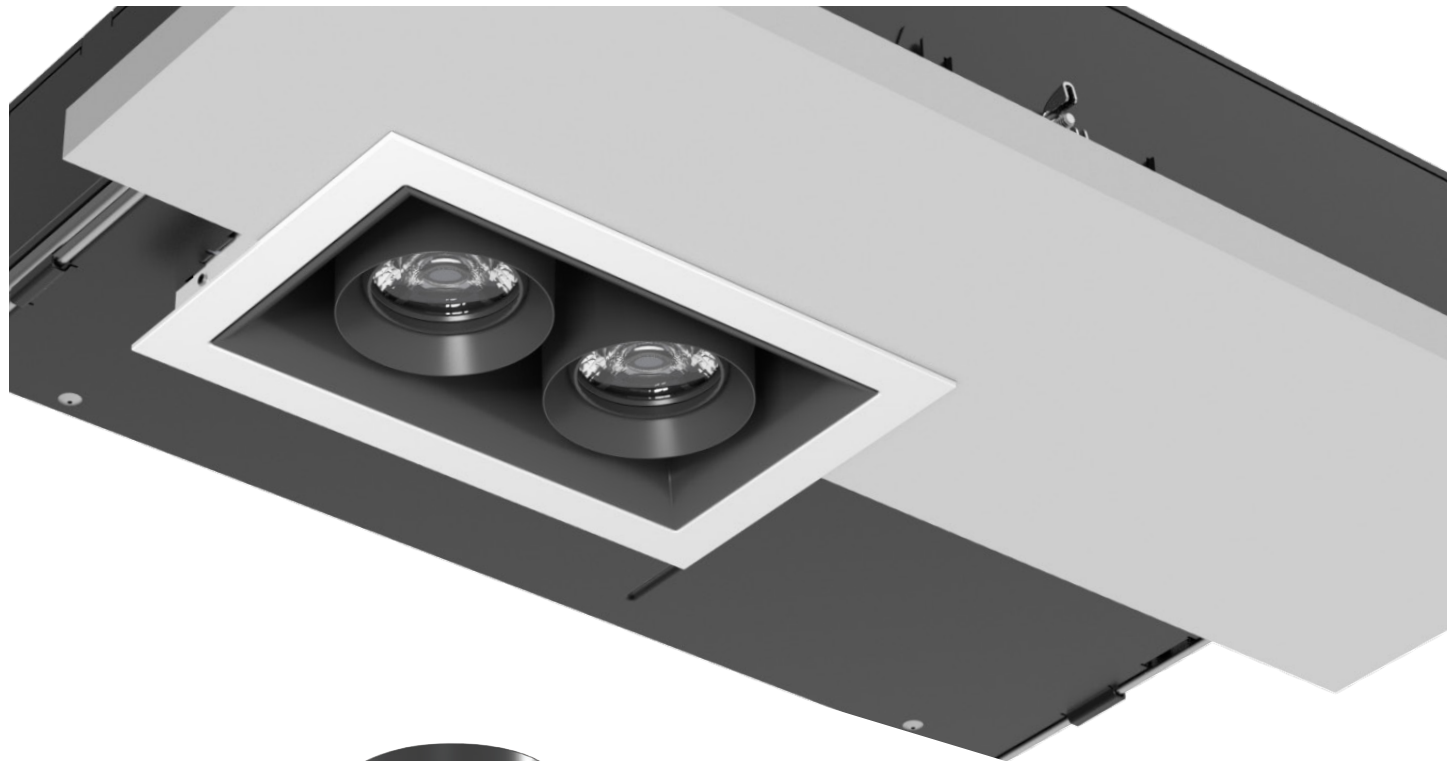
5" GyroShift
Wall Mount
(LW5-SFT)

*Only the 3" and 5" Stem & Cord Mount Pendants and the 3" Flush Mount have a deep canopy.

GYROSHIFT CYLINDERS

	1"	3"	5"
MAX LUMENS	650lm	1795lm	2025lm
MOUNTING OPTIONS	FLUSH, CORD, & STEM	FLUSH, CORD, STEM, & WALL	FLUSH, CORD, STEM, & WALL
FIXTURE SHAPE	ROUND	ROUND	ROUND
POWER	11W	25W	30W
OPTICS	30°, 50°	10°, 30°, 50°	10°, 30°, 50°
ADJUSTABILITY	±35°	±45°	±45°
CCT @90CRI	2700K, 3000K, 3500K	2700K, 3000K, 3500K, 4000K	2700K, 3000K, 3500K, 4000K
WARM DIM	NOT AVAILABLE	AVAILABLE @1800K-3000K 98 CRI	AVAILABLE @1800K-3000K 98 CRI
DIMMING TYPES	TRIAC/ELV, 0-10V	TRIAC/ELV, 0-10V, ECOSYSTEM	TRIAC/ELV, 0-10V, ECOSYSTEM





CSL | GYROSHIFT[®] MULTIPLES

Main Features:

- Independently Adjustable Heads with out breaking the plane of the ceiling with consistent below the ceiling appearance.
- Small footprint above the ceiling. 3.5" Plenum height and all SKU's can fit within a 16" joist spacing.
- Patented 'Z' height adjustment from 5/8-2" ceiling heights. Allowing the Trim secure lock to the housing yet always index to the room side of the ceiling.
- Field serviceable Light and Driver Assembly modules all from below the ceiling.
- Competitively priced without compromising delivered lumens and performance.
- Standard single driver powering multiple heads or with premium individually controlled heads using a DMX control system.

CSL GyroShift™ 1-4 Light Multiples incorporate the patented GyroShift™ optic system into multiple head recessed downlight fixtures that can be installed in shallow plenum spaces as little as 3 1/2". The heads are designed to stay fixed while each individual optic pans and tilts up to 45° independently of the others, enabling crisp accents, broad washes, and tailored light wherever you need it -in multiple directions. The patented optical system rotates the optic independently from the light source, eliminating cut off from the trim to provide a round beam of light with superior light control. The refined below-the-ceiling aesthetic is maintained-even when lights have been shifted.

GYROSHIFT MULTIPLES LED DOWNLIGHT

ADJUSTABILITY	45° TILT, INFINITE ROTATION, TOOL FREE LOCKING BELOW CEILING
AVAILABLE OPTICS	10°, 30°, 50° BEAM SPREAD
MEDIA	CLEAR, SOLITE, FROSTED, LINEAR SPREAD, HEX LOUVER, WALL WASH
RATED WATTAGES	54.1W FOR S2, UP TO 79.1W FOR S3
DELIVERED LUMENS	4257 LUMENS FOR S2, UP TO 6426 LUMENS ON S3
EFFICACY (LM/W)	UP TO 99 LPW
CCT @ 90 CRI	2700K, 3000K, 3500K, 4000K, WARM DIM
COLOR QUALITY	90 CRI STATIC WHITE, 98 CRI WD
LED LIFETIME	>55,000 HOURS @ L70
INPUT VOLTAGE	120/277V, 50/60Hz
DIMMING TYPES	TRIAC, ELV AND 0-10VDC AND LUTRON HOMEWORKS/ECOSYSTEM OPTIONS AVAILABLE
SERVICABILITY	ALL OPTIONS: BELOW CEILING ACCESS



DAMP
LOCATION

IC
RATED

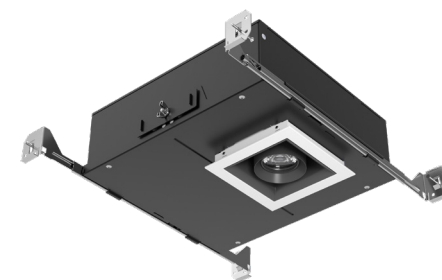
SSS
AIRTIGHT

DIMMABLE

JA8 TITLE
COMPLIANT

5 YEAR
LIMITED WARRANTY

CCEA
APPROVED



GyroShift Multiples
Single Head Trim



GyroShift Multiples
Dual Head Trim



GyroShift Multiples
Triple Head Trim



GyroShift Multiples
Quad Head Trim



GyroShift Multiples
Square Head Trim

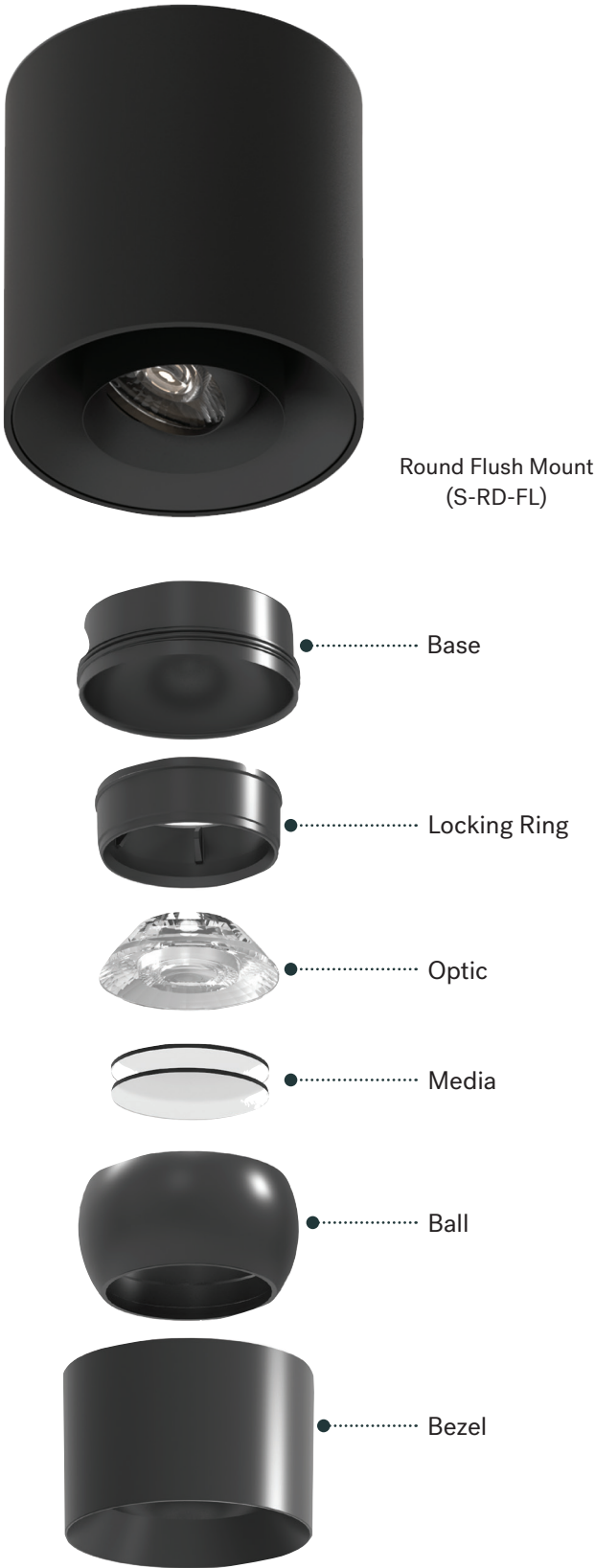
GyroShift™ family of products are designed exclusively by CSL in the USA. Consult spec sheet for full product details.

- Main Features:**
- 30W option delivers up to 2044lm
 - 2700K, 3000K, 3500K, 4000K, and warm dimming
 - 10°, 30°, and 50° field-replaceable optics
 - 45° adjustability with ∞° rotation
 - ELV, TRIAC, 0-10V dimming as a standard
 - Lutron and eldoLED drivers also available
 - Accommodates two (2) medias

- Available in 6 mounting configurations:**
- Flush Mount
 - Suspended Stem
 - Suspended Cable
 - Conduit Flush Mount
 - Conduit Suspended Stem
 - Conduit Suspended Cable

GyroShift® Architectural light fixtures are designed for open ceilings with junction boxes and surface-mounted conduit. Easy to install, the surface mount Cloak fits over any standard junction box. Power can be fed to additional units through surface-mounted Cloak with conduit slots (junction boxes and conduit not included). GyroShift® Architectural can be installed on sloped ceilings up to 45° and still be aimed straight down. It comes in six mounting configurations, and three shapes, making it ideal for offices, lofts, and industrial-feeling living spaces.

GyroShift™ family of products are designed exclusively by CSL in the USA. Consult spec sheet for full product details.



ROUND, SQUARE, HEX	
BEST FOR	ARCHITECTURAL
EASY ADJUSTABILITY	45° TILT, 360° ROTATION
OPTICS	10°, 30°, 50°
MEDIA	CLEAR, SOLITE, FROSTED, WALL WASH, LINEAR SPREAD, HEX
MAX WATTAGE	30W
MAX DELIVERED LUMENS	2044
EFFICACY	68 LPW
CCT @90CRI	2700K, 3000K, 3500K, 4000K
WARM DIM	AVAILABLE @ 1800K-3000K 98CRI
LED LIFETIME	L70>50,000 HOURS
DIMMING TYPES	TRIAC/ELV, 0-10V, ECOSYSTEM
SERVICABILITY	BELOW CEILING



Square Flush Mount (S-SQ-FL)



Square Conduit Flush Mount (S-SQ-CFL)



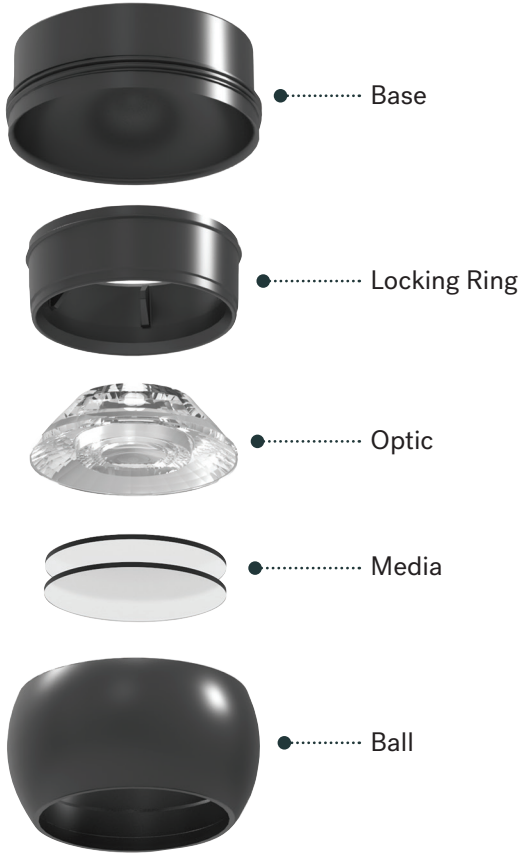
CSL

GYROSHIFT®
DOWNLIGHTS

- Main Features:**
- Rated for insulation contact
 - Available with 90 CRI
 - Available with 2700K, 3000K, and 3500K CCT
 - 3 optic and 6 media options
 - 45° adjustability with ∞° rotation
 - Available in round or square trim
 - Four trim and reflector color combinations:
white/white, white/black, white/haze, white/bronze

Though simple in appearance, the GyroShift® Downlight is a versatile downlight excelling at high brightness within a compact form factor. Though bright, the system is robust; designed to stay cool in the harsh environment of an insulated ceiling. GyroShift® Downlight has been designed for easy installation, service, and aiming. GyroShift® Downlight is versatile; accommodating ceiling thicknesses up to 2" while still fitting in shallow plenum spaces as little as 3-1/2".

GyroShift™ family of products are designed exclusively by CSL in the USA. Consult spec sheet for full product details.



GyroShift® 3" Downlight

GyroShift® 1" Downlight

GyroShift® 2" Downlight

GYROSHIFT DOWNLIGHTS

	1"	2"	3"
MAX LUMENS	642lm	1146lm	1317lm
EFFICACY	64lpw	76lpw	66lpw
POWER	10W	15W	20W
OPTICS	30°, 50°	10°, 30°, 50°	10°, 30°, 50°
ADJUSTABILITY	±35°	±45°	±45°
MIN PLENUM	5-1/2"	3-1/2"	3-1/2"
CCT @90CRI	2700K, 3000K, 3500K		
TRIM/BEZEL	ROUND & SQUARE		
INPUT VOLTAGE	120/277V		
DIMMING	TRIAC/ELV, 0-10V		
SERVICABILITY	BELOW CEILING		



GyroShift® Options

MOUNTING OPTIONS



IC Housing



Downlight



Trimless All Sizes



Wall Mount

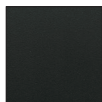


Pendant



Surface

STANDARD FINISHES*



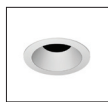
Matte Black



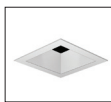
Semi Gloss White

*Custom finishes available, consult spec sheet.

ALL TRIMS AVAILABLE IN



Round



Square

COLOR CONTROL OPTIONS



Warm Dim



2700K-4000K

LIGHT DISTRIBUTIONS



10°



30°



50°

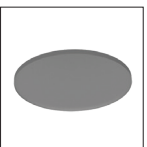


Wall Wash

OPTIONAL LENSES & ACCESSORIES



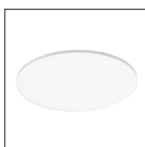
Linear Spread Lens



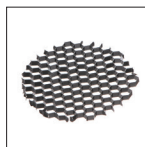
Solite Lens



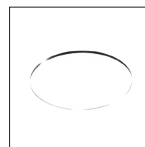
Frosted Lens



Wall Wash



Hex Louver



Clear Lens



Media Holder
(required)



GyroShift® Architectural Hex, Square, and Round Suspended Stem



DAMP
LOCATION

JA8 TITLE
24
COMPLIANT

CCEA
APPROVED

5 YEAR
LIMITED WARRANTY



GyroShift® family of products are designed and built exclusively by CSL in the USA. Patent: csllighting.com/patents

A Division of Troy-CSL Lighting, Inc.

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CSL

CREATIVE SYSTEMS LIGHTING