

CSL *GyroShift™* TECHNOLOGY



Shift Your Expectations

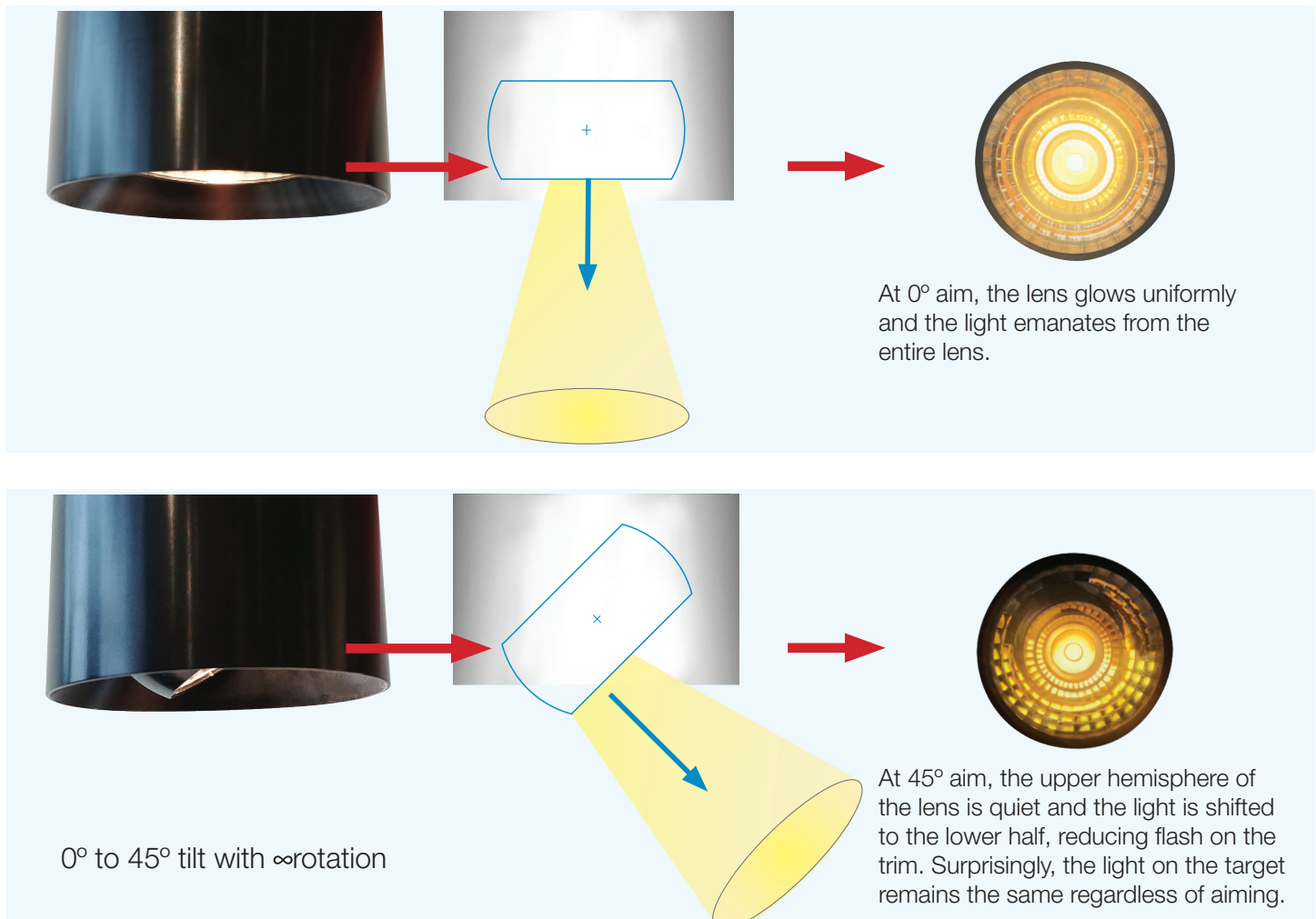
What is GyroShift?

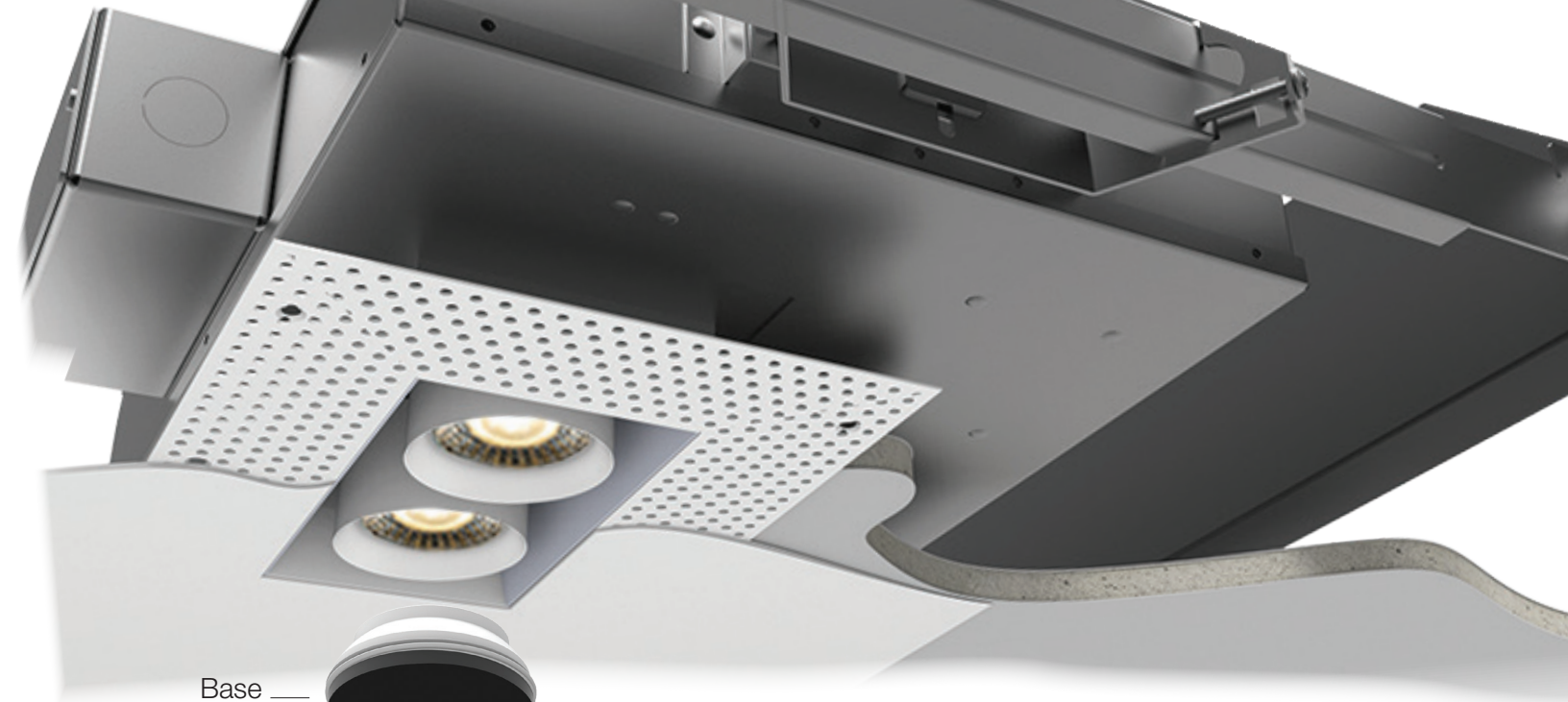


A different way to downlight, CSL's patented GyroShift™ technology is a unique system that allows you to easily adjust a downlight with no loss of light on the target. CSL engineers designed the innovative bezel-and-ball system so that any lighting adjustment can be made while installed with just a twist 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°.

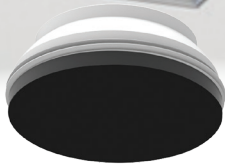
How GyroShift Works?

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.





Base



Locking Ring



Optic



Media



Ball



Bezel

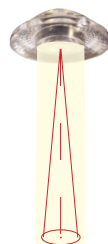


High Lumens in Tight Spaces

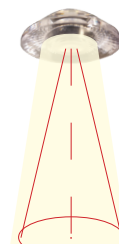
Our best-in-class power and modular optical system with diminutive 4"-high housings enable you to supply crisp accents, broad washes, and tailored light wherever you need it. CSL's GyroShift™ can go wherever you need an adjustable downlight solution.

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.

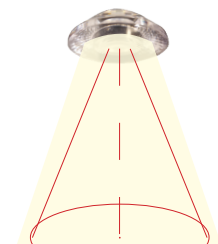
Optics available:



10°



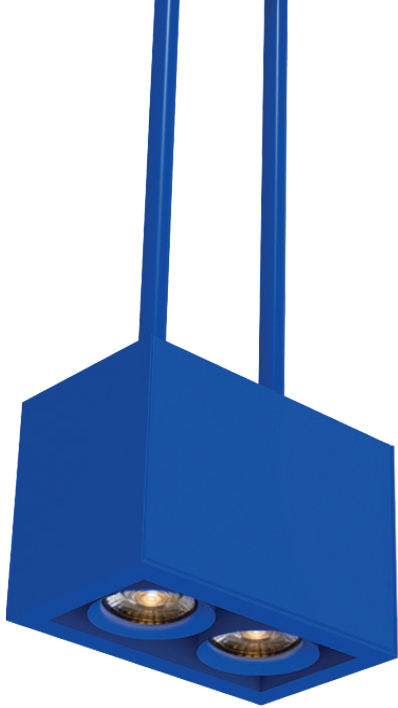
30°



50°



GyroShift™ 1" Cylinder
Cord Mount Pendant



GyroShift™ Multiple
Suspended Stem



GyroShift™ Cylinder
Pendant



GyroShift™ Multiple
Suspended Aircraft

GyroShift is Available in Cylinders and Multiples - Pendant & Surface Mounts



GyroShift™ Cylinder
Wall Mount



GyroShift™ Hex Cloak
Surface Mount/Suspended Mount

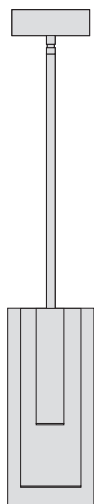


GyroShift™ Multiple
Flush Mount



GyroShift™ Multiple
Surface Mount/Suspended Mount

Cylinders



Available sizes: 1", 3", 5"

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. Each GyroShift™ Cylinder can deliver up to 1850lm with 10°, 30°, and 50° beam angles and support up to 2 media options. GyroShift™ Cylinders have a full 45° of adjustability while maintaining a clean decorative aesthetic. Available in 1", 3", and 5" diameters, a wide selection of finishes, and three mounting options, GyroShift™ Cylinders complete the look of any space.

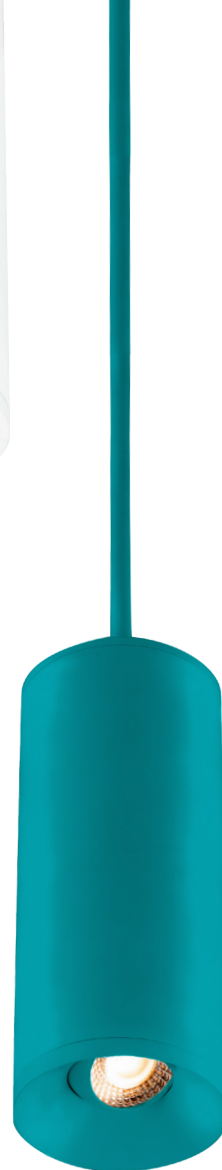
Main Features:

- Surface, Pendant, and Wall mounts
- 2700K, 3000K, 3500K, 4000K CCT or Warm Dim at 90 CRI
- 10°, 30°, and 50° field-replaceable optics
- 45° adjustability with ∞° rotation
- Available in 22 standard finishes

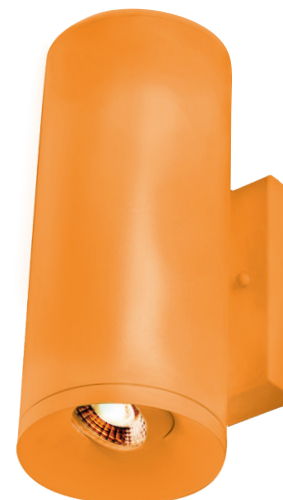
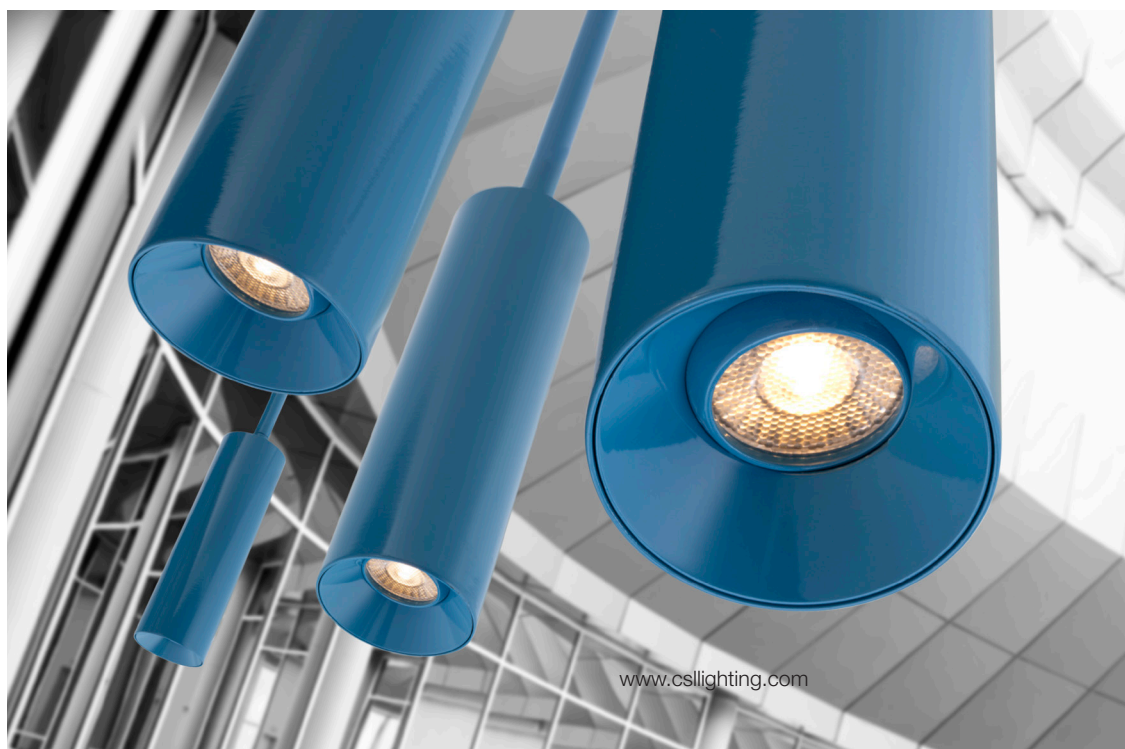
Product	Lumens	Construction	Power	CCT	CRI	Driver	Optics	Fixture Shape	Adjustability
1" GyroShift™ Cylinder	650 lm	Ceiling, Cord & Stem	10W	2700K 3000K 3500K	90	ERP, Ceiling is Remote Power	30° 50°	Round	±35°
3" GyroShift™ Cylinder	1640 lm	Ceiling, Cord & Stem	25W	2700K 3000K 3500K 4000K Warm Dim	90	ERP standard, Lutron & eldoLED options	10° 30° 50°	Round	±45°
5" GyroShift™ Cylinder	1850 lm	Ceiling, Cord & Stem	30W	2700K 3000K 3500K 4000K Warm Dim	90	ERP standard, Lutron & eldoLED options	10° 30° 50°	Round	±45°



Surface



Pendant



Wall



GyroShift Multiples
3 Light Trim

Specification

GyroShift™ Multiples are an industry-unique lighting system featuring shallow optics, high outputs, and small openings in a range of sizes, trims, and head numbers. Most other multiples have a head that tilts while GyroShift™ optics are rotatable around the LED light source that always remains at the focal point. These luminaires are compact, delivering over 2200lm per head. Each ball can be aimed individually within each bezel.

Available in two sizes:

2"

Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	891 lm	89 lpw
15W	3000K	1143 lm	76 lpw
20W*	3000K	1400 lm	70 lpw

Lumens will vary depending on CCT, optic, and lens option.
Wattage and lumens are per head.
*20W only available in pendant or flush mount housing, not available in recessed housing.

3"

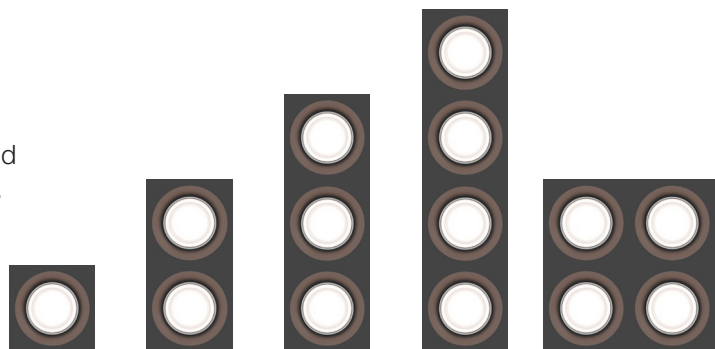
Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	966 lm	97 lpw
15W	3000K	1437 lm	96 lpw
20W	3000K	1739 lm	87 lpw
25W*	3000K	2049 lm	82 lpw
30W*	3000K	2254 lm	75 lpw

Lumens will vary depending on CCT, optic, and lens option.
Wattage and lumens are per head.
*25W and 30W only available in pendant or flush mount housing, not available in recessed housing.

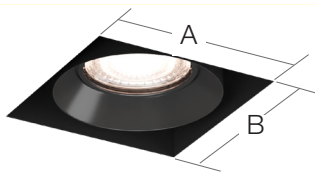


Multiples

Housings are 18 gauge steel construction with multiple 1/2" trade size knockouts. Adjustable hanger bars are included which accommodate wood framing as well as suspended ceilings. Universal butterfly brackets also accommodate C-Channel and EMT. For ease of installation, we recommend using our C-Channel bracket option for suspended ceilings.

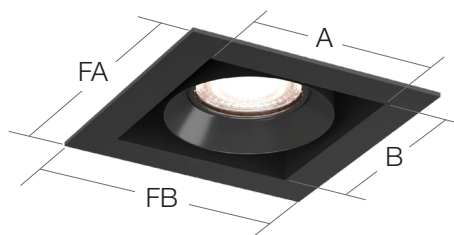


TRIMLESS STYLE



Trimless		1 Light	2 Light	3 Light	4 Light Linear	4 Light Square
2"	A	2 3/4"	2 3/4"	2 3/4"	2 3/4"	5 1/2"
	B	3 5/16"	6 1/16"	8 13/16"	11 9/16"	6 1/16"
Trimless		1 Light	2 Light	3 Light	4 Light Linear	4 Light Square
3"	A	4 5/16"	4 5/16"	4 5/16"	4 5/16"	8 1/16"
	B	4 5/16"	8 1/16"	11 13/16"	15 9/16"	8 1/16"

TRIM STYLE



Trim		1 Light	2 Light	3 Light	4 Light Linear	4 Light Square
2"	A	2 3/4"	2 3/4"	2 3/4"	2 3/4"	5 1/2"
	B	2 3/4"	5 1/2"	8 1/4"	11"	5 1/2"
	FA	4 1/4"	7"	9 3/4"	12 1/2"	7"
	FB	4 1/4"	4 1/4"	4 1/4"	4 1/4"	7"
Trim		1 Light	2 Light	3 Light	4 Light Linear	4 Light Square
3"	A	3 3/4"	3 3/4"	3 3/4"	3 3/4"	7 1/2"
	B	3 3/4"	7 1/2"	8 1/4"	11"	7 1/2"
	FA	5 1/4"	9"	12 3/4"	12 1/2"	9"
	FB	5 1/4"	5 1/4"	5 1/4"	5 1/4"	9"

Cloak

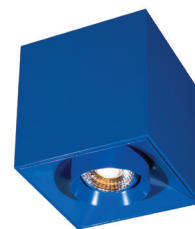
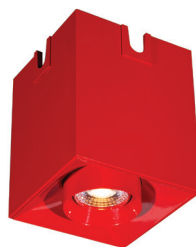
GyroShift™ architectural light fixtures are designed for open ceilings with junction boxes and surface-mounted conduit. Easy to install, the surface mount Cloak fits over any standard junction box. Power can be fed to additional units through surface-mounted Cloak with conduit slots (junction boxes and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

Main Features:

- 30W option delivers up to 2254lm
- 2700K, 3000K, 3500K, 4000K, and warm dimming
- 10°, 30°, and 50° field-replaceable optics
- 45° adjustability with ∞° rotation
- ELV, Traic, 0-10V dimming as a standard
- Lutron and eldoLED drivers also available
- Accommodates two (2) accessories

Available in 6 mounting configurations:

- Surface-mounted with conduit slots
- Surface-mounted without conduit openings
- Conduit Suspended Stem
- Conduit Suspended Cable
- Suspended Stem
- Suspended Cable



GyroShift™ Cloak surface mount fixtures are available with conduit slots or without

Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	996 lm	97 lpw
15W	3000K	1437 lm	96 lpw
20W	3000K	1739 lm	87 lpw
25W	3000K	2040 lm	82 lpw
30W	3000K	2254 lm	75 lpw
10W	1850-3000K	608 lm	61 lpw

Downlight

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".

Main Features:

- Rated for insulation contact
- Available with 80 and 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 to choose from: white/white, white/black, white/haze, white/bronze



GyroShift™ 3" Downlight

GyroShift™ 1" Downlight

GyroShift™ 2" Downlight



GyroShift™ 2" Downlight
in White/Haze Finish

Product	Lumens Up to	Efficacy	Power	CCT	CRI	Driver	Optics	Trim/Bezel	Adjustability
1" GyroShift™ Downlight	802 lm	80 lpw	10W	2700K, 3000K, 3500K	80,90	ERP	30° & 50°	Round & Square	±35°
2" GyroShift™ Downlight	1183 lm	78 lpw	15W	3000K, 3500K	80,90	ERP	10°, 30°, 50°	Round & Square	±45°
3" GyroShift™ Downlight	1516 lm	76 lpw	20W	3000K, 3500K	80,90	ERP	10°, 30°, 50°	Round & Square	±45°

*Based on 3500K 80CRI 50deg optic configuration at 120VAC input



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](https://www.csllighting.com/patents)

A Division of Troy-CSL Lighting, Inc.

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