

CSL | GYROSHIFT®



A Different Way to Downlight

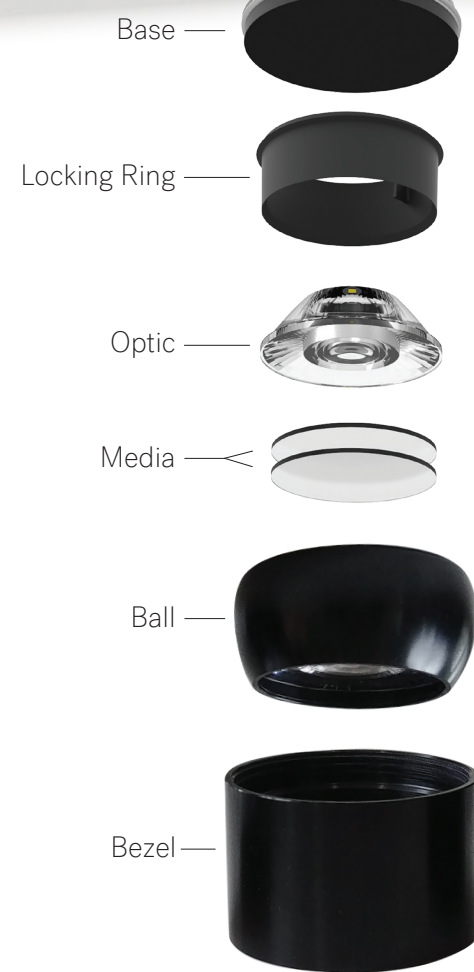
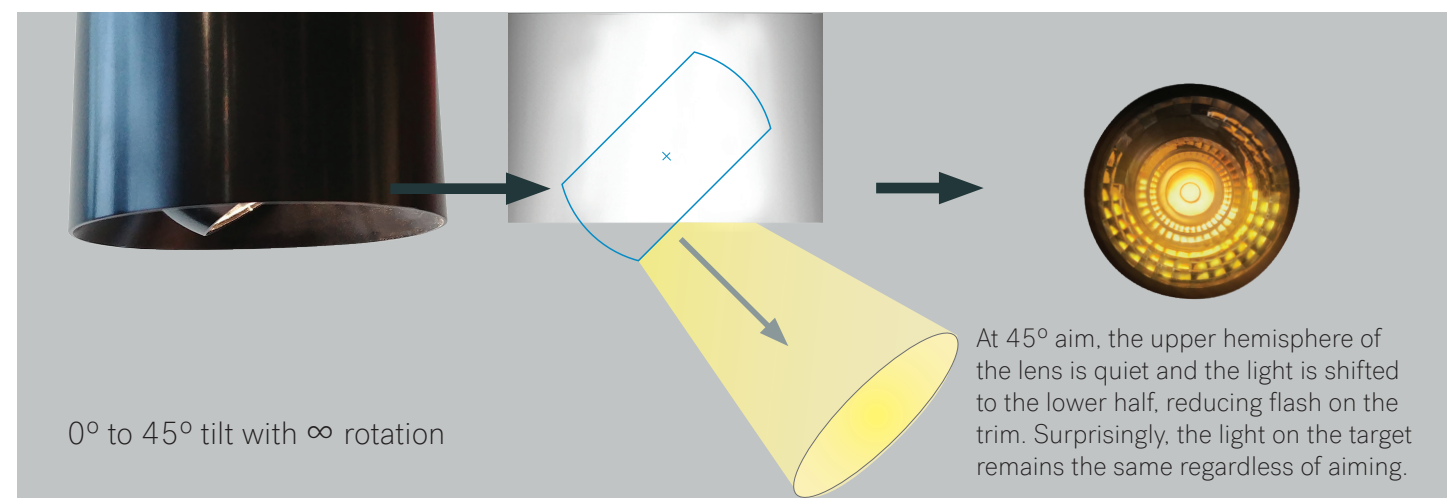
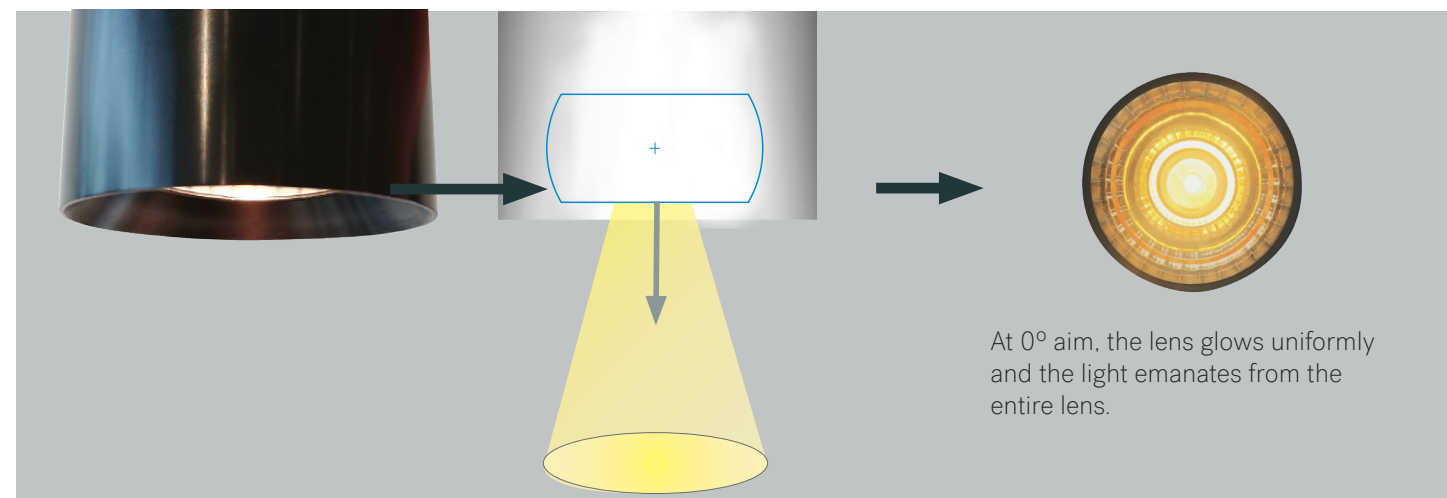
Adjustable from 0° to 45° with Infinite Rotation

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

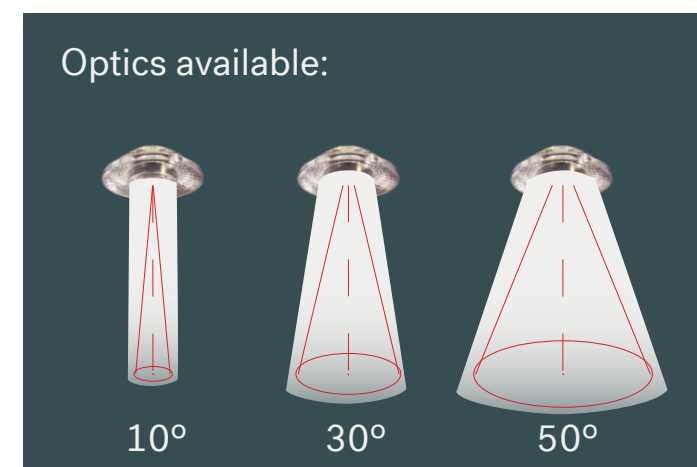
Typical downlights are not equal to CSL's patented GyroShift® products. Our LED remains stationary with a thermally optimized connection to the compact, shallow height housing, which performs as one large heat sink. Each GyroShift® bezel positions one of our patented GyroShift® lenses to focus, shift,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



High Lumens in Tight Spaces

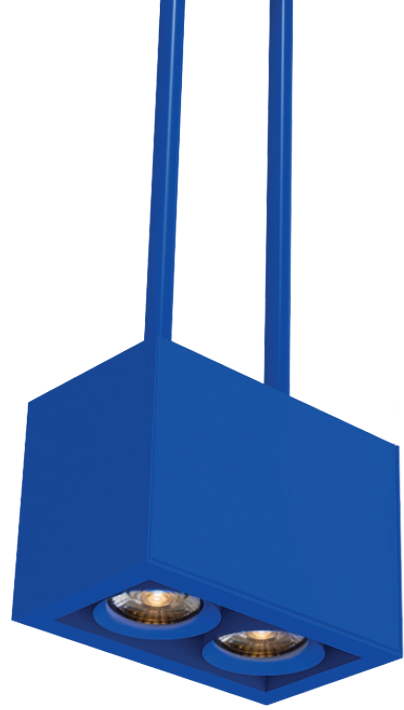
Our best-in-class power and modular optical system with diminutive 4"-high housings enable you to supply crisp accents, broad washes, and tailored light wherever you need it. CSL's GyroShift® can go wherever you need an adjustable downlight solution.

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





GyroShift® 1" Cylinder Cord Mount Pendant



GyroShift® Multiple Suspended Stem



GyroShift® Cylinder Pendant



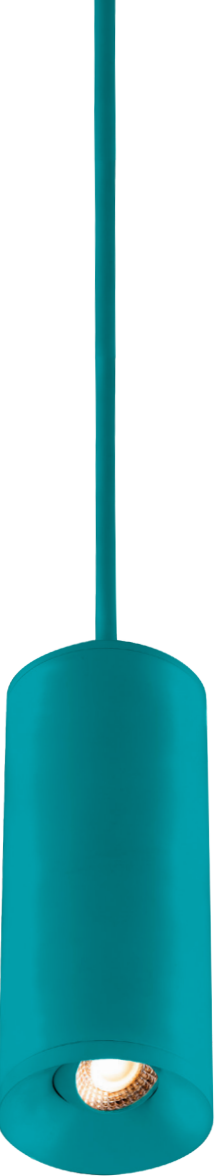
GyroShift® Multiple Suspended Aircraft

CSL | GYROSHIFT® CYLINDERS

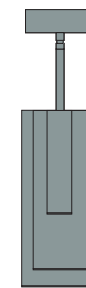
Not your ordinary cylinder fixture, GyroShift® Cylinders incorporate our patented GyroShift® technology into our powerful, versatile cylinders. Within each cylinder is a stationary LED with a thermally optimized connection to the entire cylinder body which performs as one large heatsink. Each GyroShift® 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.



Surface



Pendant



Main Features:

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

Available sizes: 1", 3", 5"

Product	Lumens	Construction	Power	CCT	CRI	Driver	Optics	Fixture Shape	Adjustability
1" GyroShift® Cylinder	650lm	Ceiling, Cord & Stem	10W	2700K 3000K 3500K	80 90	ERP, Ceiling is Remote Power	30° 50°	Round	±35°
3" GyroShift® Cylinder	1640lm	Ceiling, Cord & Stem	25W	2700K 3000K 3500K 4000K	90	ERP standard, Lutron & eldoLED options	10° 30° 50°	Round	±45°
5" GyroShift® Cylinder	1850lm	Ceiling, Cord & Stem	30W	2700K 3000K 3500K 4000K	90	ERP standard, Lutron & eldoLED options	10° 30° 50°	Round	±45°

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



GyroShift® Cylinder Wall Mount



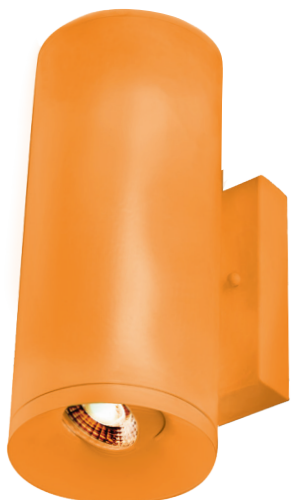
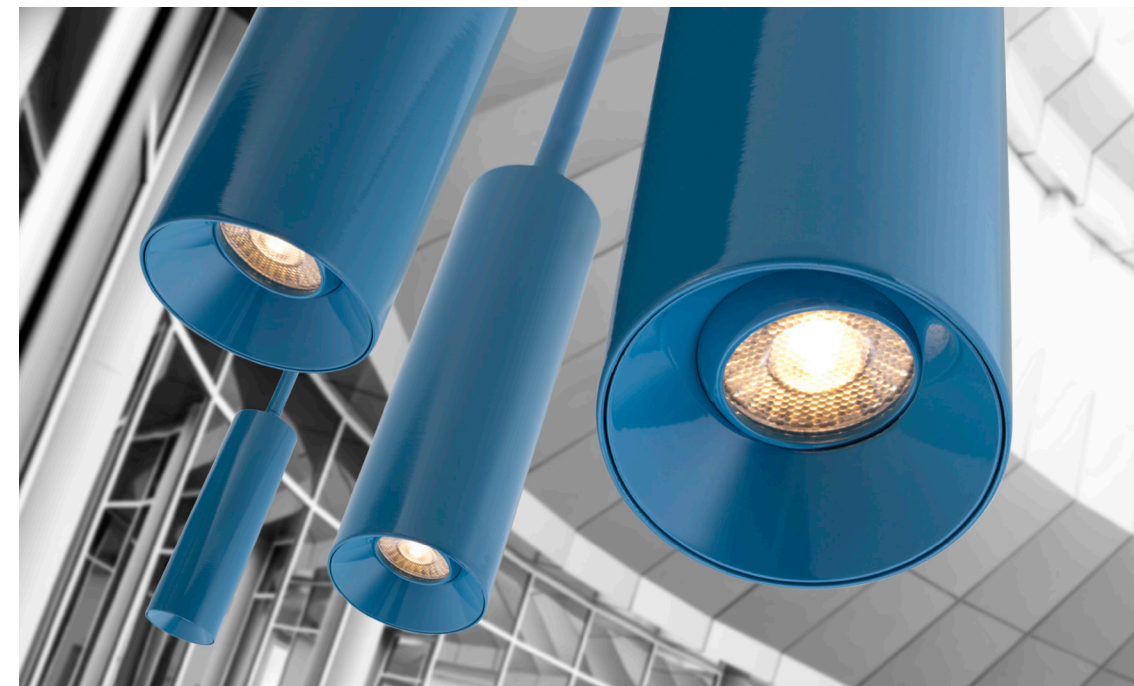
GyroShift® Hex Cloak Surface Mount/Suspended Mount



GyroShift® Multiple Flush Mount



GyroShift® Multiple Surface Mount/Suspended Mount



Wall



GyroShift® Multiples
Triple Head Trim

CSL | GYROSHIFT® MULTIPLES

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.

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.



GyroShift® Multiples
Single Head Trim

GyroShift® Multiples
Dual Head Trim

GyroShift® Multiples
Quad Head Trim

GyroShift® Multiples
Square Head Trim

Available in two sizes:
2.75"

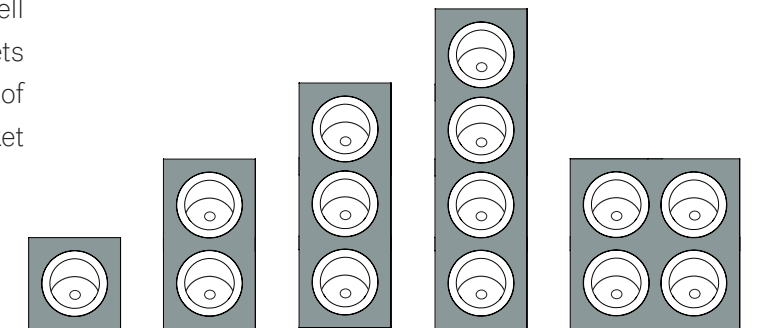
Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	891lm	89lpw
15W	3000K	1143lm	76lpw
20W	3000K	1400lm	70lpw

Lumens will vary depending on CCT, optic, and lens option.
Wattage and lumens are per head.

3.75"

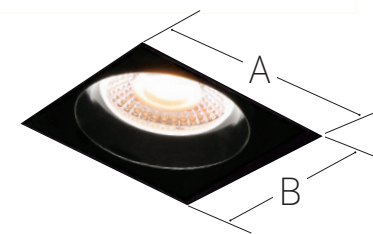
Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	966lm	97lpw
15W	3000K	1437lm	96lpw
20W	3000K	1739lm	87lpw
25W	3000K	2049lm	82lpw
30W	3000K	2254lm	75lpw

Lumens will vary depending on CCT, optic, and lens option.
Wattage and lumens are per head.

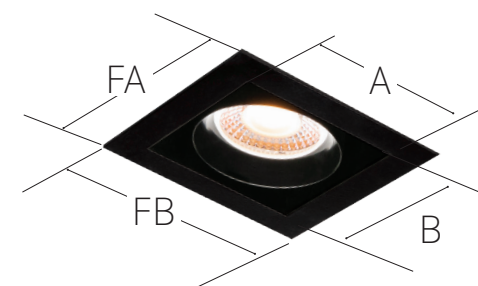


2.75" Trimless	Single	Dual	Triple	Quad	Square
A	2 3/4"	2 3/4"	2 3/4"	2 3/4"	5 1/2"
B	3 5/16"	6 1/16"	8 13/16"	11 9/16"	6 1/16"
3.75" Trimless					
A	4 5/16"	4 5/16"	4 5/16"	4 5/16"	8 1/16"
B	4 5/16"	8 1/16"	11 13/16"	15 9/16"	8 1/16"

Trimless



Flanged Trim



2.75" Trim	Single	Dual	Triple	Quad	Quad Square
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"
3.75" Trim					
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"



CSL | GYROSHIFT® ARCHITECTURAL

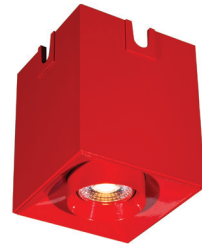
GyroShift® Architectural light fixtures are designed for open ceilings with junction boxes and surface-mounted conduit. Easy to install, the surface mount Cloak fits over any standard junction box. Power can be fed to additional units through surface-mounted Cloak with conduit slots (junction boxes and 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, 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® Architectural surface mount fixtures are available with conduit slots or without

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



CSL | GYROSHIFT® DOWNLIGHTS

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 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



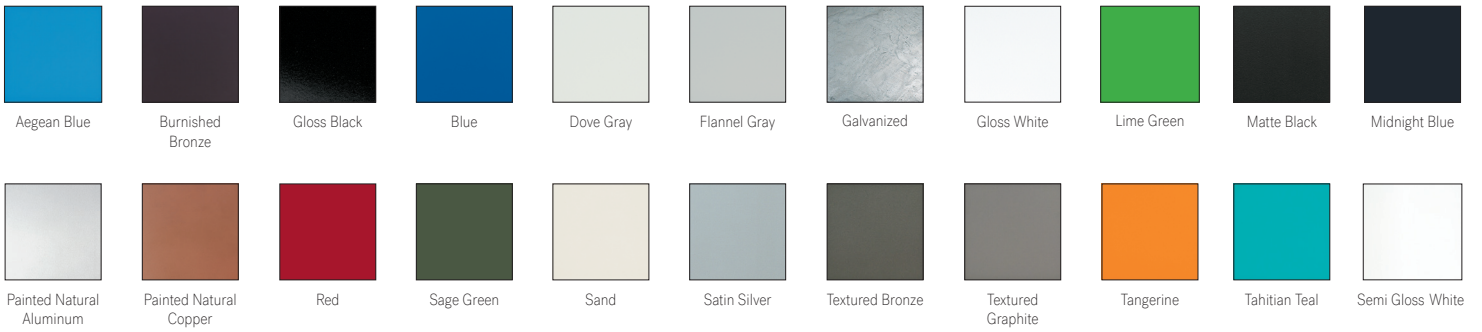
GyroShift® 2" Downlight in white/haze

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

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

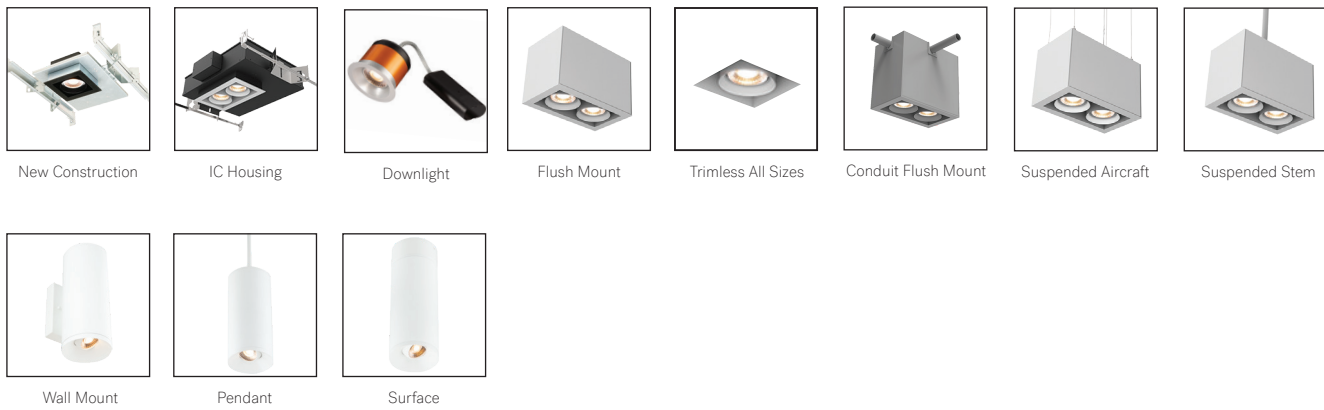
Options

STANDARD FINISHES*

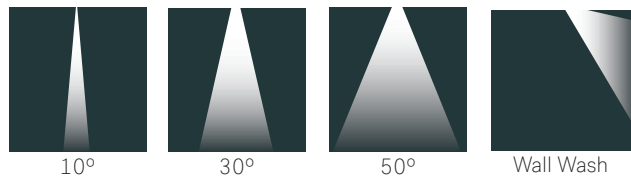


*Optional coastal coating available to protect fixture in mineral-rich coastal environments

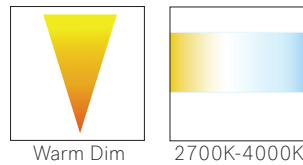
MOUNTING OPTIONS



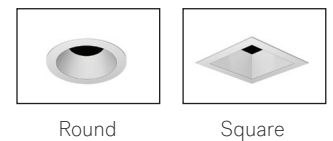
LIGHT DISTRIBUTIONS



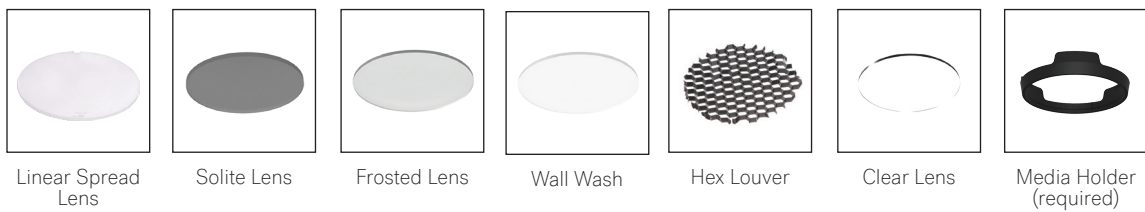
COLOR CONTROL OPTIONS



ALL TRIMS AVAILABLE IN



OPTIONAL LENSES & ACCESSORIES



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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CREATIVE SYSTEMS LIGHTING