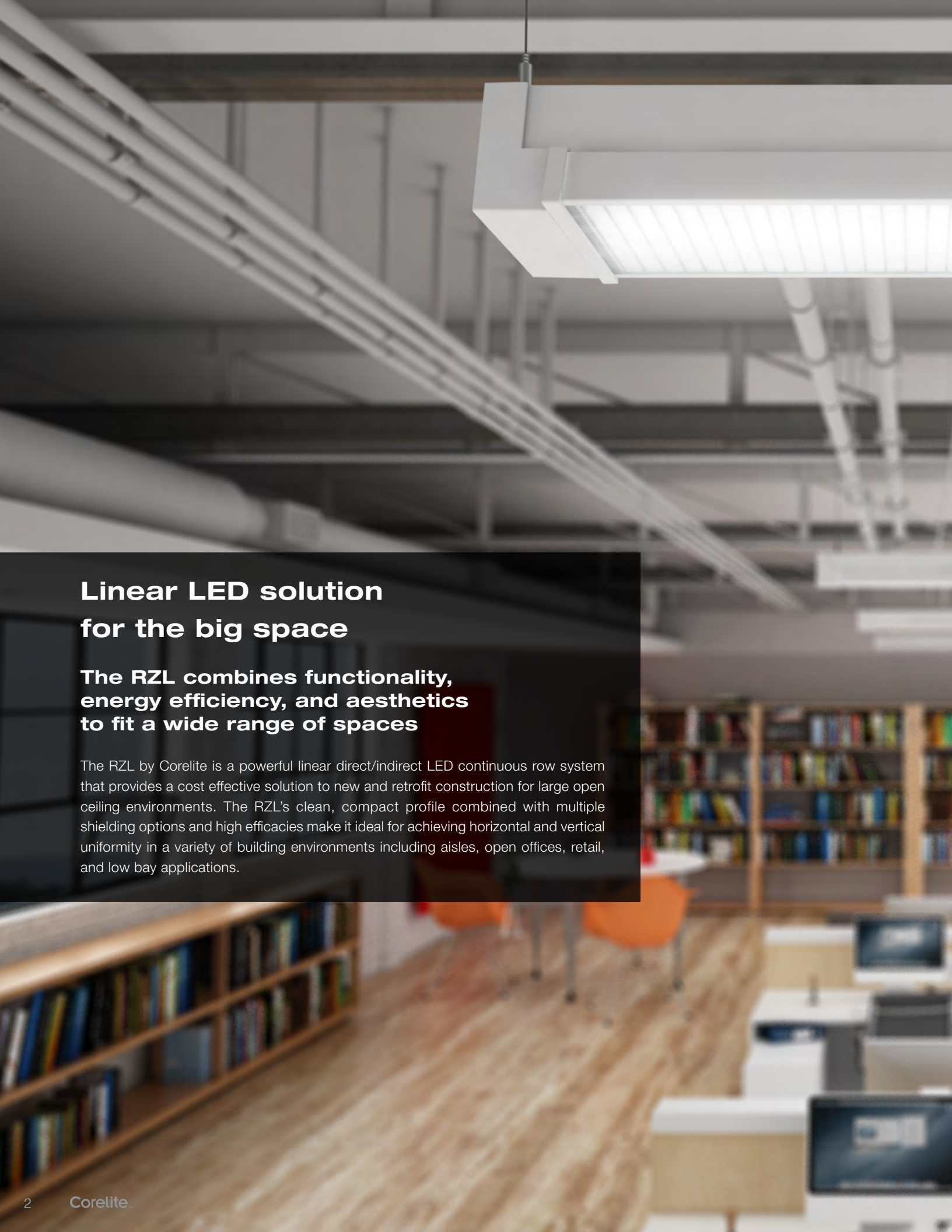


RZL
LED Linear Suspended Luminaire

Corelite™



Cooper Lighting
by **EAT•N**



Linear LED solution for the big space

**The RZL combines functionality,
energy efficiency, and aesthetics
to fit a wide range of spaces**

The RZL by Corelite is a powerful linear direct/indirect LED continuous row system that provides a cost effective solution to new and retrofit construction for large open ceiling environments. The RZL's clean, compact profile combined with multiple shielding options and high efficacies make it ideal for achieving horizontal and vertical uniformity in a variety of building environments including aisles, open offices, retail, and low bay applications.



RZL



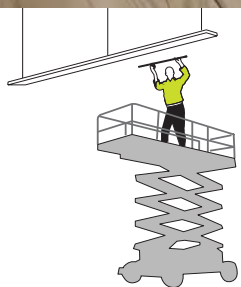
DOWNLIGHT - NB, NL



UPLIGHT - WB, WL



METAL BAFFLE - WF



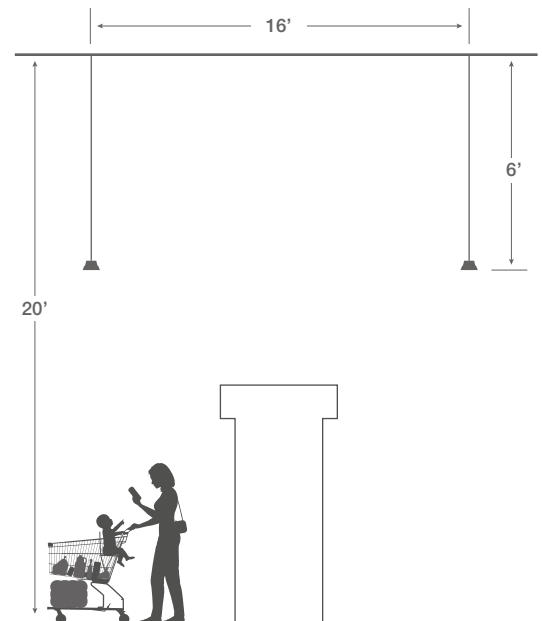
Eliminate costly relamping

Fluorescent and HID relamping costs can add up quickly. The RZL minimizes ownership costs with a long rated life and a low maintenance design that keep the ladders and lifts out of sight.



Enhance the shopper's experience with high quality lighting

Supermarket applications require lighting that creates open and inviting atmospheres for browsing and buying. The RZL LED luminaire does this by providing beautiful, crisp white light with high color accuracy and uniformity for a more effective consumer experience. The optical design of the RZL enables uniform light output on the vertical stacks with wide fixture spacing. And while properly lighting up aisles and displays, it is also very efficient. The low energy consumption of the RZL saves you money with up to 55% energy savings over traditional fluorescent luminaires. Receive instant gratification in knowing that every moment the RZL is installed, you are saving money and energy over an equivalent fluorescent solution.

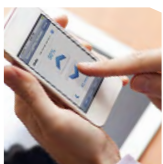


SUPERMARKET RETAIL APPLICATION

Lensing	Light Level	Mounting Height	Spacing	Horizontal Illuminance	Vertical Max/Min	Lighting Power Density	Room Dimensions
WF	3	14'	16' o/c	46 fc @ floor	1.8 : 1	0.74 w/ft ²	350'L x 120'W x 20'H

RZL-WF-3L35-1D-UNV-AC120-T1-80

OPEN OFFICE



Enterprise systems enabled

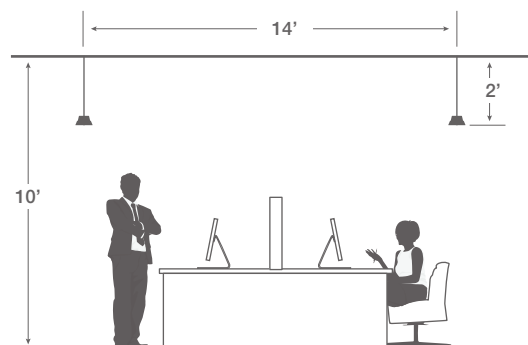
RZL luminaires are available with Fifth Light DALI drivers for complete digital energy management using Fifth Light addressable lighting controls.



RZL

Create smart modern offices with the RZL

The RZL provides a refined industrial style that is versatile not only in performance, but also in appearance. This blend of modern simplicity and elegant angles provides a well-suited, aesthetically pleasing profile for open office applications. Five different shielding variations are available to fit different architectural styles and preferences. As building codes and standards continue to become more stringent, it's important to look at lighting and controls as a single package. The RZL includes a standard 0-10V continuous dimming driver for easy and flexible integration with lighting control panels, occupancy sensors, daylighting controls and room controllers.



OPEN OFFICE APPLICATION

Lensing	Light Level	Mounting Height	Spacing	Horizontal Illuminance	Vertical Max/Min	Lighting Power Density	Room Dimensions
NB	1	8'	14' o/c	48 fc @ 30" AFF	1.2 : 1	0.29 w/ft²	50'L x 25'W x 10'H

RZL-NB-1L35-1D-UNV-AC48-ST-12

RETAIL - SPORTING GOODS



Great RZL companion

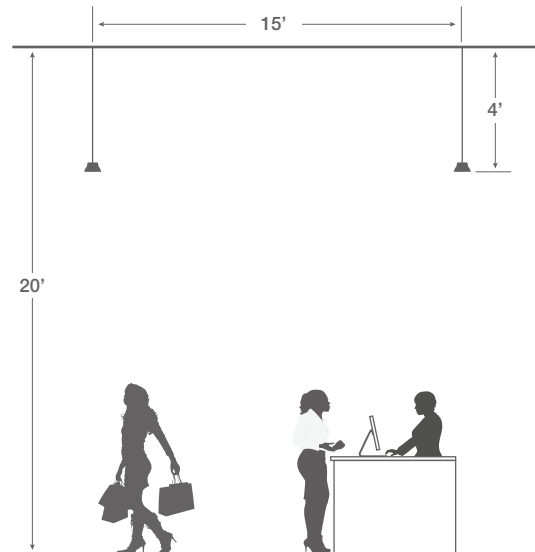
LED Stasis track fixtures by Halo® are a great companion to the Corelite RZL with the perfect combination of high intensity accenting and soft ambient illumination. Visit www.cooperlighting.com for more information.



RZL

The perfect blend of style and performance for successful retail spaces

High ceiling environments such as large retail spaces can benefit greatly from long linear rows of RZL. The aesthetically pleasing low glare design allows the RZL to be installed closer to the task plane compared to high wattage HID luminaires. This creates an opportunity to use less lumens to achieve the same light levels and ultimately save energy. Installation costs are also reduced with fewer electrical connections needed for long continuous runs.



SPORTING GOODS RETAIL APPLICATION

Lensing	Light Level	Mounting Height	Spacing	Horizontal Illuminance	Vertical Max/Min	Lighting Power Density	Room Dimensions
WL	4	16'	15' o/c	57 fc @ 30" AFF	1.0 : 1	0.69 w/ft ²	80'L x 65'W x 20'H

RZL-WL-4L35-1D-UNV-AC48-ST-56

LABORATORY



Superior LED life

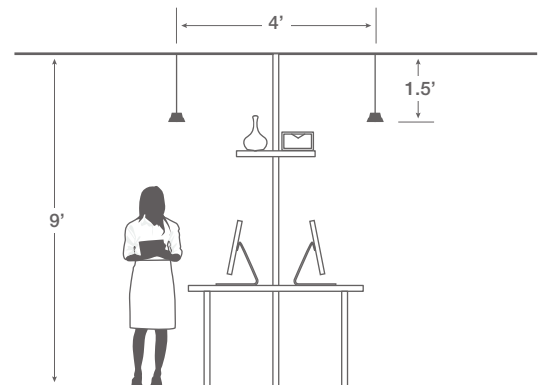
The RZL's LED dedicated design allows for extremely long life. Greater than 70% of the initial light output is maintained after 60,000 hours of operation. Assuming an average usage of 12 hours per day, this equates to nearly 14 years! Combined with other benefits such as low heat, no Mercury and no ultraviolet emissions, LED technology is perfect for almost all applications



RZL

Clean minimal design with highly advanced LED lighting technology

Laboratories and educational environments demand high visual acuity and performance. Light Levels 4 or 5 can easily deliver the recommended 100 footcandles to the work surface. Selecting the uplight option provides 15% uplight for an open space feel while concentrating the majority of the light to the task surfaces. Laboratory spaces are perfect for enclosed, compact fixtures, like the RZL with its smooth angular exterior surfaces that are easy to clean and less apt to collecting dust.

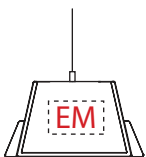


LAB APPLICATION

Lensing	Light Level	Mounting Height	Spacing	Horizontal Illuminance	Vertical Max/Min	Lighting Power Density	Room Dimensions
NL	1	7.5'	4/6' o/c	106 fc @ 30" AFF	2.5 : 1	0.78 w/ft ²	40'L x 25'W x 9'H

RZL-NL-1L35-1D-UNV-AC48-ST-16

FITNESS CENTER

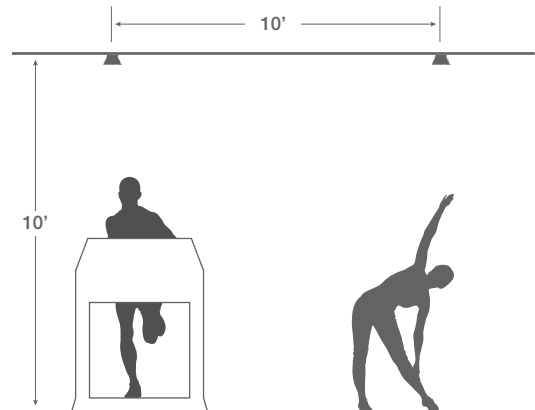


Integral emergency battery backup

The integral emergency battery backup option allows the RZL to illuminate a path of egress in the event of a power failure. In many cases, this eliminates the need for secondary emergency light sources thus simplifying design and reducing cost.

Flexibility and simplicity with the surface mount option

The RZL LED luminaire is ideal for retrofit opportunities such as fitness centers, where constant activity and large stationary equipment can make it difficult to access luminaires that require constant maintenance and relamping. The surface mount option is another great tool that adds design flexibility in the building environment. The five light level options also provide the flexibility to dial in the correct light level based on required mounting heights or spacing.



FITNESS CENTER APPLICATION

Lensing	Light Level	Mounting Height	Spacing	Horizontal Illuminance	Vertical Max/Min	Lighting Power Density	Room Dimensions
WL	1	10'	10' o/c	39 fc @ 30" AFF	2.7 : 1	0.45 w/ft ²	50'L x 21'W x 10'H

RZL-WL-1L35-1D-UNV-SU-JB-12



The RZL is easy to install

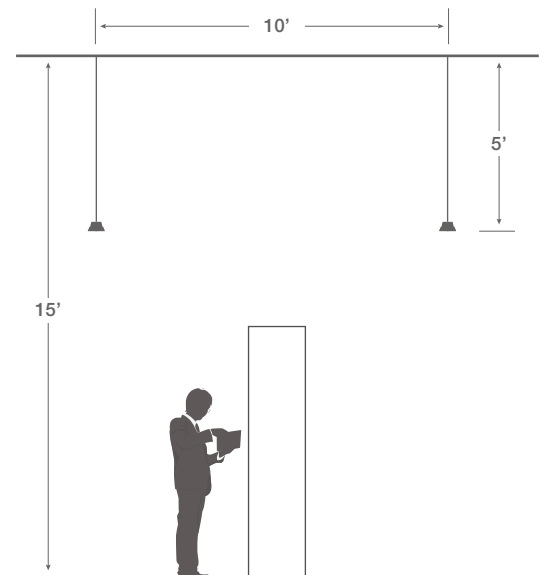
Designed with the installer in mind, the RZL is packed with features that help save time, minimize manpower requirements, and make the contractor's job easier. Refer to the Key Features page for more details.



RZL

Achieve higher vertical light distribution for uncompromised uniformity

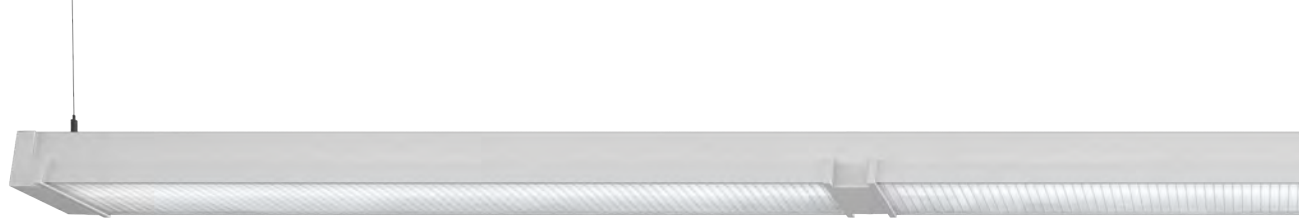
Libraries are difficult to light due to the fact that stacks need 35-40 fc on the vertical surfaces, but also need to be glare free when entering a stack aisle. The combined benefits of the micro baffle, which shields the viewing angle from the source, and efficacies surpassing 100 lumens per watt, make the RZL an easy choice. The RZL also has an integral sensor option for PIR motion sensing and daylight harvesting capabilities right out of the box. The sensor system is factory installed in the luminaire, switching on or off based on occupancy, and dimming the light when enough daylight is available. The overall energy savings from combining innovative control devices with the functionality of the fixtures allow for outstanding results for the lighting design of the space.



LIBRARY APPLICATION

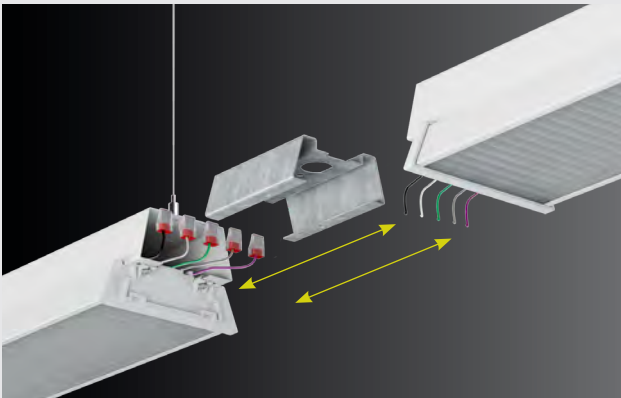
Lensing	Light Level	Mounting Height	Spacing	Horizontal Illuminance	Vertical Max/Min	Lighting Power Density	Room Dimensions
WB	3	10'	10' o/c	53 fc avg. @ floor	3.6 : 1	0.9 w/ft ²	50'L x 100'W x 15'H

RZL-WB-3L35-1D-UNV-AC48-ST-32



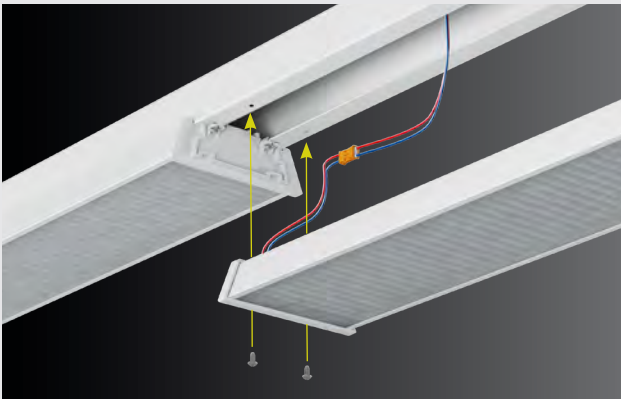
KEY FEATURES

The RZL upholds the Corelite legacy of functionality and installation ease. With numerous standard options from integral battery packs to onboard occupancy and daylight sensors, it's the extensive breath of useful features that sets the RZL series apart.



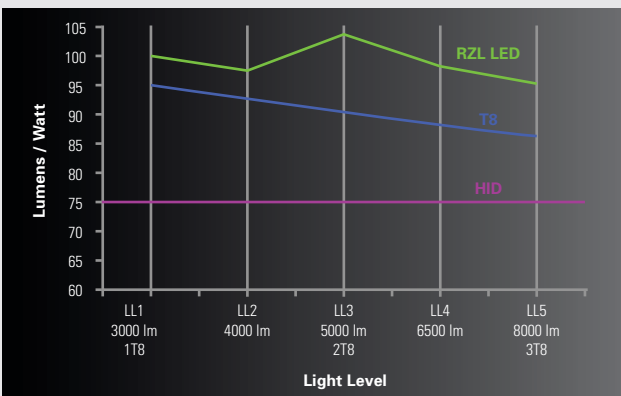
Straight Long Runs, Joined Easily

Fixtures are seamlessly connected together with a proprietary internal joining sleeve that provides rigidity and durability for long product runs. Simply attach the joining sleeve on one side, slide the fixture over the joining sleeve and attach with two screws on each side.



Future Proof Design

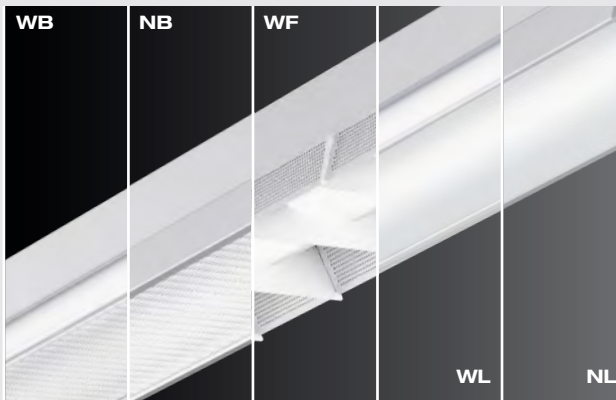
To address the projected performance growth of LEDs, the mechanical design of the luminaire allows for the replacement of the LED modular assemblies as well as easy access to the LED drivers.



High Efficacy Light Levels

No longer constrained by the limited and inefficient light outputs derived from fluorescent lamping configurations, the RZL offers an LED dedicated design with five standard high efficacy lumen packages. These lumen packages provide commercial building owners, retailers and institutions the flexibility to dial in the desired light level for their spaces while eliminating excess light and increasing energy savings. Light level 5 produces over 8,000 lumens per 4' section which addresses the high light level requirements of retail and supermarket applications.

12 foot modular sections offer huge benefits to the contractor allowing for fewer fixture connections and mounting points.



Five Efficient Styling Options

The RZL has five distinct shielding options available to choose from. Each option provides high quality, soft comfortable light while minimizing visual glare.

WB – Luminous sides for 15% uplight, snap-on clear prismatic lens w/ internal micro baffle

NB – Opaque sides for 100% downlight, lay-in flat clear prismatic lens w/ internal micro baffle

WF – Perf sides for visual uplight, large cell baffles with smooth concave center lens

WL – Luminous sides for 12% uplight, snap-on frosted prismatic lens

NL – Opaque sides for 100% downlight, lay-in flat frosted prismatic lens



Cut Down on Energy Usage with Integral Sensors

The integrated sensor option provides stand-alone operation with PIR motion and daylighting capabilities for auto on/auto off operation and daylight harvesting. The sensor comes pre-wired into the fixture with no commissioning required using thoughtful default settings. An optional hand-held remote allows for user control if needed with presets and multi-mode functions that are easy to set up. Sensor may be positioned in the end cap or between fixtures in the joiner cover.



Ideal for Retrofit Construction

The RZL is the ideal retrofit solution due to the fundamental benefits over traditional HID and fluorescent fixtures including fewer electrical connections and mounting points, wider row spacing while achieving equal or better uniformity ratios, and longer rated life (70% lumen maintenance at 60,000 hours). Fixtures are easily suspended with several ceiling type interface options and adjustable aircraft cable mounting hardware.



RZL Downlight

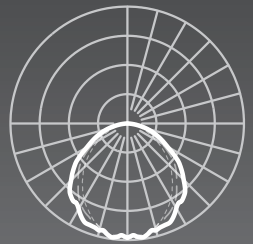
Suspended Direct LED Luminaire
General Lighting Applications



Micro Baffle
RZL-NB

RZL Downlight – 4'

Light Level 1	30W	2950 lms*
Light Level 2	42W	3940 lms*
Light Level 3	48W	4920 lms*
Light Level 4	66W	6400 lms*
Light Level 5	84W	7880 lms*



RZL Downlight Continuous Row



Frosted Linear Prismatic - RZL-NL

Companion Products

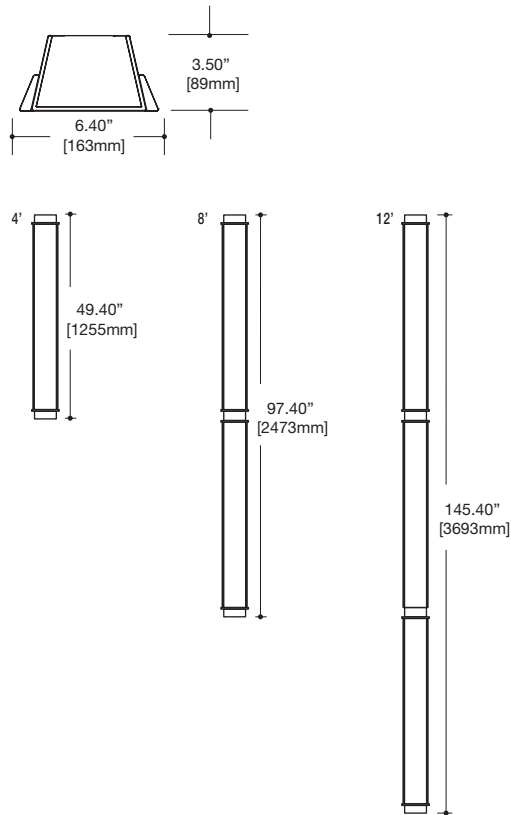


Z2 Recessed 1x4



Z2 Surface Mount 2x2

*Nominal lumens. Consult your representative for additional information.



Construction Compact 3.5"x 6.4" profile with a die-formed 20 gauge cold rolled steel upper combined with a die-formed aluminum lower housing. **End Caps & Joining Covers** End caps and joiner covers are injection molded polycarbonate, mechanically attached with no fasteners. **Shielding** Frosted or clear linear prismatic lay-in flat lens is 0.125 inch thick. NB option includes a white micro baffle inlay to minimize visual glare. **Electrical** Cooper LEDs are available in 3000K, 3500K or 4000K with a typical CRI ≥ 85 . Modules are coupled with high efficiency electronic LED drivers for optimal performance. Standard drivers are 0-10 volt continuous dimming that work with any 0-10V control/dimmer (Specify -STD in driver options). **Mounting** Aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation instructions for various ceiling interface details. Rigid pendant options are available. **Finish** Fixture housings are high reflectance white (standard) using electrostatically applied polyester powder coat paint. Silver and custom colors are available. Injection molded pieces are color matched. **Compliance** Components are UL recognized and luminaires are cULus listed for 25°C ambient environments, Damp Location listed, and RoHS compliant. **Life and Warranty** Greater than 70% lumen maintenance expected at 60,000 hours, based off of LM-80 test data and TM-21 standards. Five-year warranty.

Notes

1. Dimming wires come standard with all fixtures. Control wires can be capped in the field for standard switched circuit operation.
 2. Consult factory for 347V availability.
 3. Standard row configurations over 12' consist of 8' and 12' sections.
 4. Sensor must be combined with 0-10V dimming driver.
- Not all options available. Please consult your local Cooper Lighting representative for availability.

DOWNLIGHT ORDERING

SERIES

RZL Linear Direct LED Luminaire

OPTICS UP

N None (100% downlight)

OPTICS DOWN

B Internal Micro Baffle with Clear Prismatic Lens

L Frosted Prismatic Lens

LIGHT LEVEL

1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3		

COLOR TEMPERATURE

L30	LED 3000K	L40	LED 4000K
L35	LED 3500K		

NUMBER OF CIRCUITS

1 1 circuit

WIRING

C	Standard Circuit ¹	E	Emergency
D	Dimming ¹	T	Nightlight
B	Battery Pack	Y	Daylight

VOLTAGE

120	120V	UNV	Universal 120V-277V
277	277V	347	347V ²

SUSPENSION

A	Aircraft Cable	SU-JB	Surface Mount
P	Rigid Pendant		

POWER FEED

C	Straight Cord	P	Rigid Pendant
K	Curly Cord		

SUSPENSION LENGTH

Adjustable Cable	48", 120", 240", 300", or 360" (infinite adjustment along entire length of cable)
Rigid Pendant	12", 24", 36", 48", 60", 72", 84", or 96"

CEILING TYPE

T1	1" T-Bar	ST	Structure
T9	9/16" T-Bar	JB	4" Octagonal J-Box
TS	Slotted T-Bar		

LENGTH

4	4'	12	12'
8	8'	XX	Specify length ³

DRIVER OPTIONS

STD	Standard 0-10V driver	STP	Step Dim Driver (Bi-Level)
5LT	FifthLight DALI Driver		

INTEGRAL CONTROL OPTIONS

SV Integral Occupancy/Daylight Sensor ⁴

FINISH

W	White (Standard)	CC	Custom color
S	Silver		

ORDERING EXAMPLE

RZL-NB-3L35-1D-UNV-AC48-T1-12



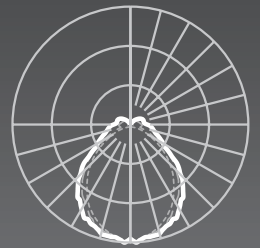
RZL Uplight
Suspended Semi-Direct LED Luminaire
General Lighting Applications



Micro Baffle
RZL-WB

RZL Uplight – 4'

Light Level 1	30W	3170 lms*
Light Level 2	42W	4230 lms*
Light Level 3	48W	5280 lms*
Light Level 4	66W	6870 lms*
Light Level 5	84W	8450 lms*



RZL - Uplight (continuous row)



Frosted Linear Prismatic - RZL-WL

Companion Products

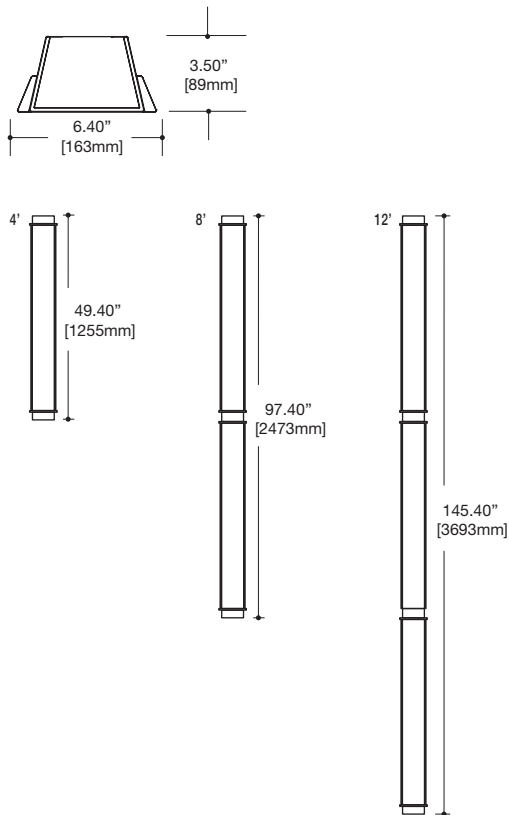


Z MINI 1X1



Z3 Recessed 2x2

*Nominal lumens. Consult your representative for additional information.



Construction Compact 3.5"x 6.4" profile with a die-formed 20 gauge cold rolled steel upper combined with a die-formed aluminum lower housing. **End Caps & Joining Covers** End caps and joiner covers are injection molded polycarbonate, mechanically attached with no fasteners. **Shielding** Frosted or clear linear prismatic snap-in three sided lens is 0.125 inch thick. WB option includes a white micro baffle inlay to minimize visual glare. **Electrical** Cooper LEDs are available in 3000K, 3500K or 4000K with a typical CRI ≥ 85 . Modules are coupled with high efficiency electronic LED drivers for optimal performance. Standard drivers are 0-10 volt continuous dimming that work with any 0-10V control/dimmer (Specify -STD in driver options). **Mounting** Aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation instructions for various ceiling interface details. Rigid pendant options are available. **Finish** Fixture housings are high reflectance white (standard) using electrostatically applied polyester powder coat paint. Silver and custom colors are available. Injection molded pieces are color matched. **Compliance** Components are UL recognized and luminaires are cULus listed for 25°C ambient environments, Damp Location listed, and RoHS compliant. **Life and Warranty** Greater than 70% lumen maintenance expected at 60,000 hours, based off of LM-80 test data and TM-21 standards. Five-year warranty.

Notes

1. Dimming wires come standard with all fixtures. Control wires can be capped in the field for standard switched circuit operation.
2. Consult factory for 347V availability.
3. Standard row configurations over 12' consist of 8' and 12' sections.
4. Sensor must be combined with 0-10V dimming driver.

Not all options available. Please consult your local Cooper Lighting representative for availability.

UPLIGHT ORDERING

SERIES

RZL Linear Semi-Direct LED Luminaire

OPTICS UP

W White - Uplight Version (15% up)

OPTICS DOWN

B Internal Micro Baffle with Clear Prismatic Lens

L Frosted Prismatic Lens

LIGHT LEVEL

1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3		

COLOR TEMPERATURE

L30	LED 3000K	L40	LED 4000K
L35	LED 3500K		

NUMBER OF CIRCUITS

1 1 circuit

WIRING

C	Standard Circuit ¹	E	Emergency
D	Dimming ¹	T	Nightlight
B	Battery Pack	Y	Daylight

VOLTAGE

120	120V	UNV	Universal 120V-277V
277	277V	347	347V ²

SUSPENSION

A	Aircraft Cable	SU-JB	Surface Mount
P	Rigid Pendant		

POWER FEED

C	Straight Cord	P	Rigid Pendant
K	Curly Cord		

SUSPENSION LENGTH

Adjustable Cable	48", 120", 240", 300", or 360" (infinite adjustment along entire length of cable)
Rigid Pendant	12", 24", 36", 48", 60", 72", 84", or 96"

CEILING TYPE

T1	1" T-Bar	ST	Structure
T9	9/16" T-Bar	JB	4" Octagonal J-Box
TS	Slotted T-Bar		

LENGTH

4	4'	12	12'
8	8'	XX	Specify length ³

DRIVER OPTIONS

STD	Standard 0-10V driver	STP	Step Dim Driver (Bi-Level)
5LT	FifthLight DALI Driver		

INTEGRAL CONTROL OPTIONS

SV Integral Occupancy/Daylight Sensor ⁴

FINISH

W	White (Standard)	CC	Custom color
S	Silver		

ORDERING EXAMPLE

RZL-WB-3L35-1D-UNV-AC48-T1-12



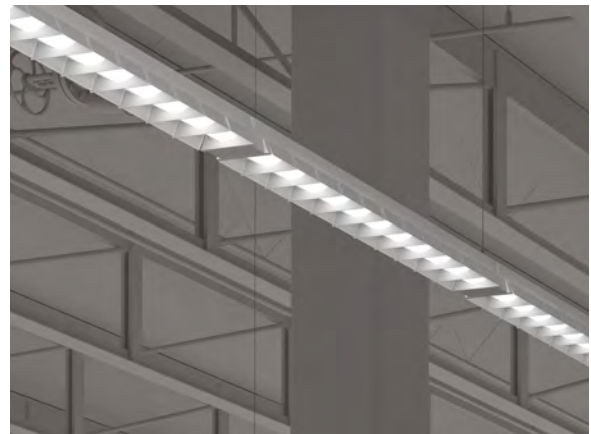
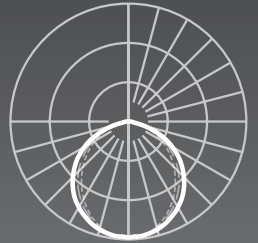
RZL Metal Baffle
Suspended Direct LED Luminaire
General Lighting Applications



Micro Baffle
RZL-WF

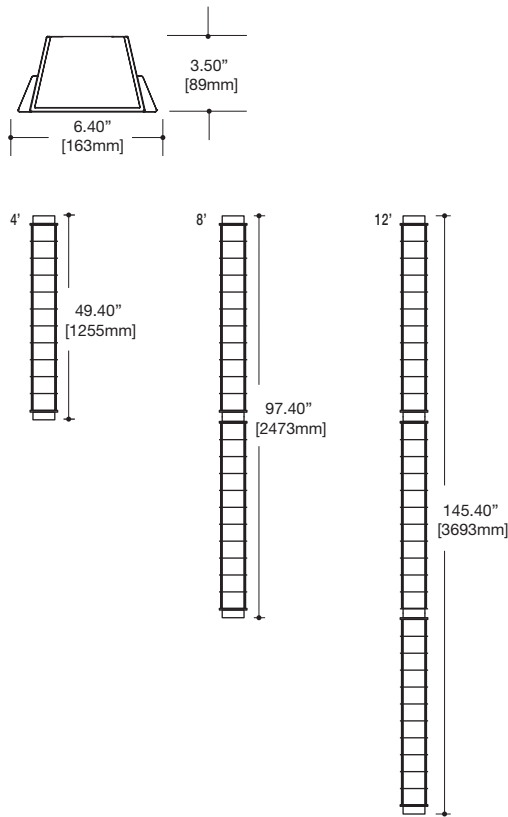
RZL Metal Baffle – 4'

Light Level 1	30W	3020 lms*
Light Level 2	42W	4020 lms*
Light Level 3	48W	5030 lms*
Light Level 4	66W	6530 lms*
Light Level 5	84W	8050 lms*



RZL - Metal Baffle (continuous row)

*Nominal lumens. Consult your representative for additional information.



Construction Compact 3.5"x 6.4" profile with a die-formed 20 gauge cold rolled steel upper combined with a die-formed aluminum lower housing.

End Caps & Joining Covers End caps and joiner covers are injection molded polycarbonate, mechanically attached with no fasteners. **Shielding** Die-formed aluminum baffle assembly with perforated aluminum sides for visual uplight contribution. Smooth frosted acrylic center lens to eliminate direct view of the LEDs from below. **Electrical** Cooper LEDs are available in 3000K, 3500K or 4000K with a typical CRI ≥ 85 . Modules are coupled with high efficiency electronic LED drivers for optimal performance. Standard drivers are 0-10 volt continuous dimming that work with any 0-10V control/dimmer (Specify -STD in driver options). **Mounting** Aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation instructions for various ceiling interface details. Rigid pendant options are available. **Finish** Fixture housings are high reflectance white (standard) using electrostatically applied polyester powder coat paint. Silver and custom colors are available. Injection molded pieces are color matched. **Compliance** Components are UL recognized and luminaires are cULus listed for 25°C ambient environments, Damp Location listed, and RoHS compliant. **Life and Warranty** Greater than 70% lumen maintenance expected at 60,000 hours, based off of LM-80 test data and TM-21 standards. Five-year warranty.

Notes

1. Dimming wires come standard with all fixtures. Control wires can be capped in the field for standard switched circuit operation.
 2. Consult factory for 347V availability.
 3. Standard row configurations over 12' consist of 8' and 12' sections.
 4. Sensor must be combined with 0-10V dimming driver.
- Not all options available. Please consult your local Cooper Lighting representative for availability.

METAL BAFFLE ORDERING

SERIES

RZL Linear Direct LED Luminaire

OPTICS UP

W White

OPTICS DOWN

F Perf Baffle

LIGHT LEVEL

1	Light level 1	4	Light level 4
2	Light level 2	5	Light level 5
3	Light level 3		

COLOR TEMPERATURE

L30	LED 3000K	L40	LED 4000K
L35	LED 3500K		

NUMBER OF CIRCUITS

1 1 circuit

WIRING

C	Standard Circuit ¹	E	Emergency
D	Dimming ¹	T	Nightlight
B	Battery Pack	Y	Daylight

VOLTAGE

120	120V	UNV	Universal 120V-277V
277	277V	347	347V ²

SUSPENSION

A	Aircraft Cable	SU-JB	Surface Mount
P	Rigid Pendant		

POWER FEED

C	Straight Cord	P	Rigid Pendant
K	Curly Cord		

SUSPENSION LENGTH

Adjustable Cable	48", 120", 240", 300", or 360" (infinite adjustment along entire length of cable)
Rigid Pendant	12", 24", 36", 48", 60", 72", 84", or 96"

CEILING TYPE

T1	1" T-Bar	ST	Structure
T9	9/16" T-Bar	JB	4" Octagonal J-Box
TS	Slotted T-Bar		

LENGTH

4	4'	12	12'
8	8'	XX	Specify length ³

DRIVER OPTIONS

STD	Standard 0-10V driver	STP	Step Dim Driver (Bi-Level)
5LT	FifthLight DALI Driver		

INTEGRAL CONTROL OPTIONS

SV Integral Occupancy/Daylight Sensor ⁴

FINISH

W	White (Standard)	CC	Custom color
S	Silver		

ORDERING EXAMPLE

RZL-WF-3L35-1D-UNV-AC48-T1-12

Eaton's Cooper Lighting Business

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Corelite
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Aurora, CO 80011
P: 303-393-1522
F: 303-393-1477

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

Our Lighting Product Brands

Halo
Halo Commercial
Portfolio
IRiS
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Lumière
Streetworks
AtLite
Sure-Lites

Our Controls Product Brands

Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

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