

|| Metalumen



CALEDONIA
LED RML Series



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Caledonia is a micro-scale, architecturally versatile, operationally efficient LED luminaire that uniquely offers a multitude of aesthetic and functional options within a singular, anodized aluminum profile. Suspended, surface, recessed, drywall ceilings or walls, independent or continuous rows, Caledonia uniquely maintains a 1.2" (30mm) aperture for illumination and/or the accent of spacial architecture.



APPLICATIONS

- Open plan
- Private offices
- Conference rooms
- Reception areas
- Educational facilities
- Healthcare facilities
- Retail-commercial
- Wall and ceiling accent of spacial architecture

FEATURES

- Anodized extruded aluminum
- Micro profile, flanged or flangeless
- Non imaging optical diffuser
- Flangeless profile for pendant, in grids, surface
- Flanged or flangeless profile for recessed wall and ceiling
- Continuous runs available
- Dimming options

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Conference Table Provided by in2design Solutions Inc.



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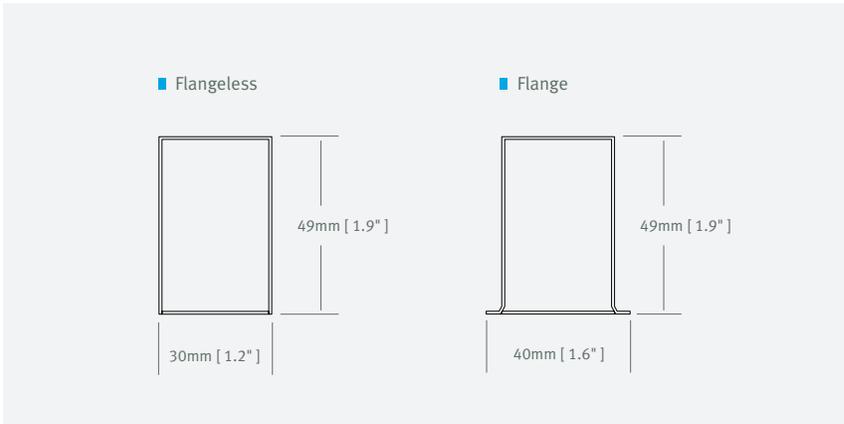


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CALEDONIA LED RML SERIES

Use Caledonia recessed as a way finder, zone identification or corridor accent. The unique discrete profile maintains a 1.2" (30mm) aperture and represents refinement and simplicity in a new range of luminaires that give life to seamless luminous lines for general illumination or to accent spacial architecture. Available with or without flange.





■ Flangeless



■ Flange

- Flange or flangeless
- T-Bar, Drywall ceilings
- Drywall walls
- Seamless luminous aperture
- 90 degree corners available



- Discrete steel cable suspension
- Field adjustable
- Standard and custom lengths available
- Remote mount driver/power supply



■ Pendant



■ Pendant Grid



CONSTRUCTION SPECIFICATIONS

PENDANT, GRID & SURFACE

HOUSING

Rigid extruded aluminum flangeless body, 1.1mm nominal wall thickness. 30mm [1.2"] width x [1.9"] 49mm high. End Caps: Die cast aluminum.

FINISH

Anodized aluminum, Custom finishes available.

MOUNTING

PENDANT

Single steel cable assembly- field adjustable grip lock one end, power cord feed opposite.

GRID

Standard 4'x4' 6'x6' 8'x8' nominal grids available. Single steel cable assembly- field adjustable grip lock all corners. Power cord feed(s) as required. Custom lengths available.

SURFACE

Direct to surface mount.

RECESSED

HOUSING

Rigid extruded aluminum body, 1.1mm nominal wall thickness. Flangeless housing - 30mm [1.2"] width x [1.9"] 49mm high. Flanged housing 40mm [1.6"] width, x [1.9"] 49mm high. Mounting bracket height not included.

End caps: Die cast aluminum.

MOUNTING BRACKETS: Die formed 20 gage steel.

FINISH

Anodized aluminum, Custom finishes available.

MOUNTING

T-Bar flanged.

Drywall flangless (vertical and horizontal).

Drywall flanged (vertical and horizontal).

LED/DRIVER SPECIFICATIONS

Medium power LED's

Color temperatures available: 3000K, 4000K, 5000K

CRI: 84 (48 led 5000k) (80 minimum)

Power consumption: 15w 48LED; 7.5w 24LED

Hours: 50,000

Delivered lumens/foot:

48 leds/ft

3000k 560 l/ft / 4000k 622 l/ft / 5000k 632 l/ft

24 leds/ft

3000k 280 l/ft / 4000k 311 l/ft / 5000k 316 l/ft

Voltage: 120v or 277v input voltage.

Heat Sink: Extruded aluminum profile.

LED Connections: Board mounted connectors.

LENS

High transmittance snap in fit satin opal lens.

DRIVERS

Available from several manufacturers. Remote mounting required for all pendant and pendant grid mounts. Drivers matched to grid and run lengths and specific LED light engines.

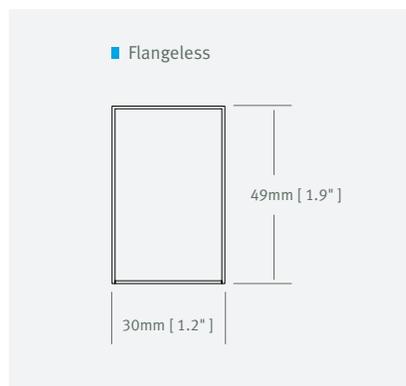
Certification

Testing Standards: Tested in accordance with IES-LM79-08.

RoHS compliant

Warranty: 3 year

Refer to Caledonia Order Guides for additional ordering details and Caledonia instruction sheets for installation mounting procedures.





CALEDONIA LED RML Series

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Please refer to black and white ordering guides for detailed product information and photometrics or visit our web-site at www.metalumen.com

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