



 Metalumen

RAIL Family

Rail Family

We believe that well-designed spaces are created by inspired designers working with inspiring products. Our RAIL family brings a synergy to any design layout, enhancing architectural detail and creating complementary spatial patterns. Its sleek profile will make a statement in any open space or create interest in your conference rooms, private offices or reception areas.



Mountings

Just like no two designs are the same, Metalumen recognizes that no two ceilings are alike. Offering the flexibility to recess, suspend, wall or surface mount a luminaire can make the difference between a well executed design where the lighting delivers the intended illumination and a space that just doesn't quite feel right. The Rail family offers all of the flexibility while ensuring ease of install is maintained regardless of the ceiling or mounting type.



RECESSED
Drywall
Drywall Flangeless
T-Bar



SURFACE
Horizontal (Ceiling)
Vertical (Wall)



PENDANT
Aircraft Cable
Aircraft Cable for T-Bar
Solid Stem



WALL

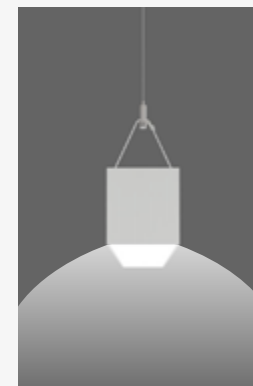


Rail 4 RM4D
Recessed | 3500K
Ceiling 10.5' | 393 lm/ft

Distributions

Delivering light where needed.

Rail family offers several light distributions to ensure versatility in design.



Direct Symmetric



Direct Asymmetric

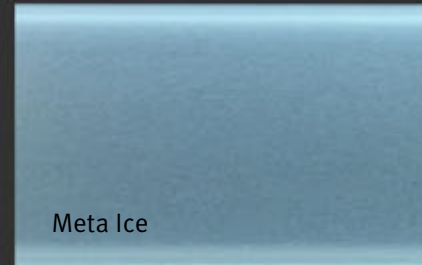
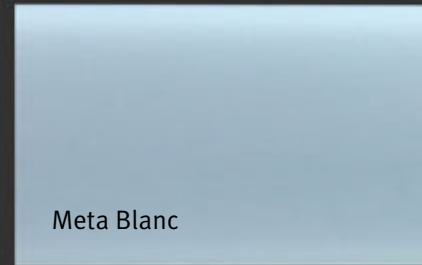


Direct Symmetric /
Indirect Symmetric



Direct Asymmetric /
Indirect Symmetric

Optical Versatility



Seamless Design

Carefully designed reflector shapes and directs the light precisely on the lens providing smooth light distribution without glare or pixelation.

Delivering Efficacy

When a project requires efficacy, Meta Ice provides even illumination and excellent angle control.

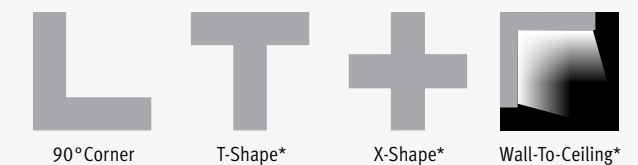
Drop Lens

Decorative drop lens that adds visual interest with a uniform glow.



Go Beyond Linear

You don't need to stop at fully lit 90° corners with the Rail family. When unassuming lines are shaped into unique designs, so much more is possible. The Rail family is available in wall to ceiling, X's, T's and more to come soon.



*Custom pattern. Consult factory.

RAIL 1 RML

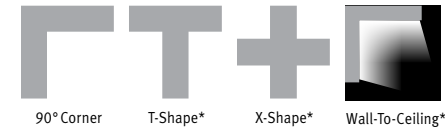


Blending aesthetic and functional designs, the Rail 1 is our narrowest aperture at 1.2". It delivers a thin but powerful and uniformly lit line of light, making it architecturally versatile.



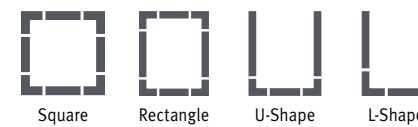
Rail 1 RML	
Housing	Anodized Extruded Aluminum 65% post-industrial recycled content with a 20 Gauge steel die cast onboard hangers, complete with die cast zinc alloy powder coated end caps.
Color Temp	3000K, 3500K, 4000K
Lengths (ft)	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Continuous Rows (Consult factory)
Optics Up	None
Optics Down	Meta Cloud, Drop Lens (not available with corners/patterns)
Finish	Satin Aluminum, White, Black, Custom Finish (Specify RAL#)
Driver	0-10 V Dimming. Remote driver only.
Circuitry	1 Circuit, Battery Pack (remote mounted)
Mounting	Pendant, Recessed (Drywall, Drywall Flangeless, T-bar), Surface (horizontally on ceiling, vertically on wall)
Voltage	120 V, 277 V, 347 V, UNV (120-277 V)
Controls	None
Options	90 CRI, None
Approvals	Certified to NRTL and IES testing standards. All components are UL Recognized or Listed. compliant.
Environment	Suitable for dry or damp indoor locations.

Corner Joiners

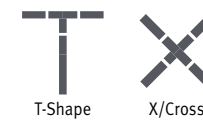


*Custom pattern. Consult factory.

Standard Patterns



Custom Patterns (Consult factory)



Light Levels

Measured at 3500K. Based on 4 ft sections.

Optics	Light Level	Lumens Delivered	Wattage	Efficacy (LPW)	Distribution Curves L3
Meta Cloud	L1	1280	13.8	92	
	L2	1578	17.6	89	
	L3	2108	24.2	87	
	L4	3882	48.3	80	
Drop Lens	L1	1357	13.8	98	
	L2	1675	17.6	95	
	L3	2235	24.2	93	
	L4	4119	48.3	85	

RAIL 2 RM2D, RM2DI

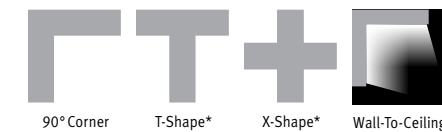


Rail 2 makes a statement on its own, in continuous runs or patterns with 90° corners.



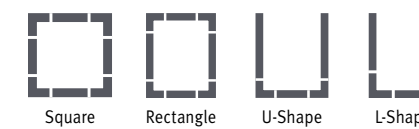
	Rail 2 RM2D	Rail 2 RM2DI
Housing	Rigid extruded aluminum body, 2.3mm [0.09"] nominal wall thickness. Steel formed end caps.	
Color Temp	3000K, 3500K, 4000K, Tunable White	
Lengths (ft)	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Continuous Rows (Consult factory)	
Optics Up	None	UP: Meta Ice / DOWN: Meta Ice
Optics Down	Meta Ice, Meta Ice with Asymmetric Reflector, Drop Lens (not available with corners/patterns)	UP: Meta Ice / DOWN: Meta Ice with Asymmetric Reflector UP: Meta Blanc / DOWN: Drop Lens (not available with corners/patterns)
Finish	Satin Aluminum, White, Black, Custom Finish (Specify RAL#)	
Driver	0-10 V Dimming	
Circuitry	1 Circuit, Emergency/Night Light, Battery Pack	1 Circuit, Up/Down Switching, Emergency/Night Light, Battery Pack
Mounting	Pendant, Recessed (Drywall, Drywall Flangeless, T-bar), Surface, Wall	Pendant, Wall
Voltage	120 V, 277 V, 347 V, UNV (120-277 V)	
Controls	None, Daylight Sensor, Occupancy Sensor, Daylight/Occupancy Sensor	
Options	90 CRI, None	
Approvals	Certified to NRTL and IES testing standards. This product is cULus listed. RoHS compliant.	
Environment	Suitable for dry or damp locations.	

Corner Joiners

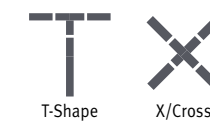


*Custom pattern. Consult factory.

Standard Patterns



Custom Patterns (Consult factory)



Light Levels

Measured at 3500K. Based on 4 ft sections.

	Optics	Light Level	Lumens Delivered	Wattage	Efficacy (LPW)	Distribution Curves L3
RM2D	Meta Ice	L1	1631	13.8	118	
		L2	2010	17.6	114	
		L3	2684	24.2	111	
		L4	4944	48.3	102	
	Meta Ice w/ Asymmetric Reflector	L1	1604	13.8	116	
		L2	1979	17.6	112	
		L3	2641	24.2	109	
		L4	4316	42.3	102	
Drop Lens	L1	1468	14.0	104		
	L2	1836	17.7	103		
	L3	2495	24.2	103		
	L4	4632	49.9	92		
RM2DI	Up: Meta Blanc Down: Drop Lens	L1	2990	28	106	
		L2	3742	35.4	105	
		L3	5088	48.3	105	
		L4	9436	99.8	94	
	Up: Meta Ice Down: Meta Ice	L1	3409	27.6	123	
		L2	4203	35.2	119	
		L3	5616	48.3	116	
		L4	10339	96.6	107	
Up: Meta Ice Down: Meta Ice w/ Asymmetric Reflector	L1	3389	27.6	122		
	L2	4178	35.2	118		
	L3	5578	48.3	115		
	L4	10271	96.6	106		

RAIL 4 RM4D, RM4DI, RM4DOD

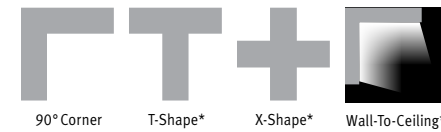


When a project calls for a statement piece that seamlessly flows throughout the space or a luminaire that can clearly define areas within a space, the Rail 4 is the perfect solution. The sleek design is thin enough to be discreet but wide enough to provide continual visual comfort.



	Rail 4 RM4D	Rail 4 RM4DI	Rail 4 RM4DOD (Outdoor)
Housing	Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. Steel formed end caps.		
Color Temp	3000K, 3500K, 4000K, Tunable White		
Lengths (ft)	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Continuous Rows (Consult factory)		
Optics Up	None	UP: Meta Blanc / DOWN: Meta Blanc	None
Optics Down	Meta Blanc, Meta Ice, Meta Ice with Asymmetric Reflector, Drop Lens (not available with corners/patterns)	UP: Meta Ice / DOWN: Meta Ice UP: Meta Ice / DOWN: Meta Ice with Asymmetric Reflector UP: Meta Blanc / DOWN: Drop Lens (not available with corners/patterns)	Meta Blanc, Meta Ice, Meta Ice with Asymmetric Reflector
Finish	Satin Aluminum, White, Black, Custom Finish (Specify RAL#)		
Driver	0-10 V Dimming		
Circuitry	1 Circuit, Emergency/Night Light, Battery Pack	1 Circuit, Up/Down Switching, Emergency/Night Light, Battery Pack	1 Circuit, Emergency/Night Light, Battery Pack (The battery option is limited to ambient temperatures above 0°C)
Mounting	Pendant, Recessed (Drywall, Drywall Flangeless, T-bar/TechZone), Surface, Wall	Pendant, Wall	Solid Stem, Recessed, Surface, Wall, Wall Vertical
Voltage	120 V, 277 V, 347 V, UNV (120-277 V)		
Controls	None, Daylight Sensor, Occupancy Sensor, Daylight/Occupancy Sensor	None, Daylight Sensor, Occupancy Sensor, Daylight/Occupancy Sensor	None
Options	90 CRI, None	90 CRI, None	None, Surge Protection, End Feed (Available for Pendant, Surface and Wall alone fixtures only)
Approvals	Certified to NRTL and IES testing standards. This product is cULus listed. RoHS compliant.		
Environment	Suitable for dry or damp locations.		Suitable for wet locations -22°F / -30°C start ambient temperature. Not suitable for natatorium environments.

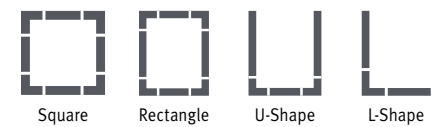
Corner Joiners



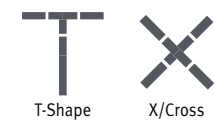
*Custom pattern. Consult factory.

Standard Patterns

Consult factory for custom patterns. Not available for wall or wall vertical mount.



Custom Patterns (Consult factory)

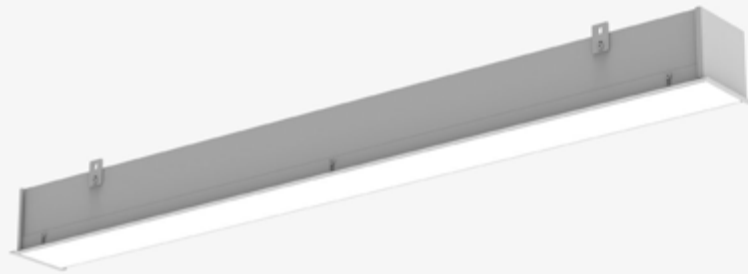


Light Levels

Measured at 3500K. Based on 4 ft sections.

	Optics	Light Level	Lumens Delivered	Wattage	Efficacy (LPW)	Distribution Curves L3
RM4D	Meta Blanc	L1	1401	14	100	
		L2	1754	17.7	99	
		L3	2384	24.2	99	
		L4	4424	49.9	89	
	Meta Ice	L1	1557	14	111	
		L2	1949	17.7	110	
		L3	2647	24.2	109	
		L4	4928	49.9	98.8	
	Meta Ice w/ Asymmetric Reflector	L1	1460	14	104	
		L2	1832	17.7	104	
		L3	2484	24.2	103	
		L4	4620	49.9	92.6	
Drop Lens	L1	1429	14.0	102		
	L2	1788	17.7	101		
	L3	2430	24.2	101		
	L4	4508	49.9	90		
RM4DI	Up: Meta Blanc Down: Meta Blanc	L1	2995	28	107	
		L2	3747	35.4	106	
		L3	5096	48.3	106	
		L4	9451	99.8	95	
	Up: Meta Ice Down: Meta Ice	L1	3176	28	113	
		L2	3987	35.4	112	
		L3	5406	48.3	111	
		L4	10555	96.6	109	
	Up: Meta Ice Down: Meta Ice w/ Asymmetric Reflector	L1	3097	28	110	
		L2	3888	35.4	109	
		L3	5273	48.3	109	
		L4	9806	99.8	98	
Up: Meta Blanc Down: Drop Lens	L1	3033	28.0	108		
	L2	3794	35.4	107		
	L3	5160	48.3	106		
	L4	9571	99.8	95		
RM4DOD	Meta Blanc	L1	1378	14	98	
		L2	1725	17.7	97	
		L3	2345	24.2	97	
		L4	4353	49.9	87	
	Meta Ice	L1	1534	14	109	
		L2	1925	17.7	108	
		L3	2612	24.2	107	
		L4	4857	49.9	97	
	Meta Ice w/ Asymmetric Reflector	L1	1495	14	106	
		L2	1876	17.7	105	
		L3	2544	24.2	105	
		L4	4732	49.9	94	

RAIL 4 RP4D Perimeter



Whether you need main lighting in a hallway, want to accent a feature wall or subtly define a space, our new Perimeter offers flexibility, ease of install and light exactly where you want it.

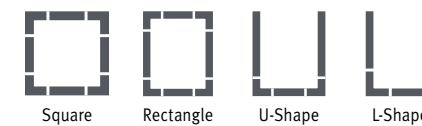


Rail 4 RP4D Perimeter	
Housing	Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. 95mm (3.7") wide x 102mm (4.0") high, not including height of Fascia (add up to 4"). End caps, reflectors: Formed steel. Telescopic portions can be quickly and easily cut to length in the field.
Color Temp	3000K, 3500K, 4000K, Tunable White
Lengths (ft)	Standard lengths (ft): 2 / 3 / 4 / 5 / 8 / 10 / 12 Telescopic lengths (ft): 2 / 3 / 4 + 12" telescopic section XX = Length in ft (minimum length of 2')
Optics Up	None
Optics Down	Meta Blanc with Symmetric Reflector, Meta Blanc with Asymmetric Reflector
Finish	White, Custom Finish (Specify RAL#)
Driver	0-10 V Dimming
Circuitry	1 Circuit, Emergency/Night Light, Battery Pack (consult factory)
Mounting	Recessed T-Bar: Flush, Regressed 3" Recessed Drywall Flange: Flush, Regressed 3" Recessed Drywall Spackle Flange: Flush, Regressed 3"
Voltage	120 V, 277 V, 347 V, UNV (120-277 V)
Controls	Controls not available
Options	90 CRI, None
Approvals	Certified to NRTL and IES testing standards. UL in progress.
Environment	Suitable for dry locations.

Corner Joiners



Patterns



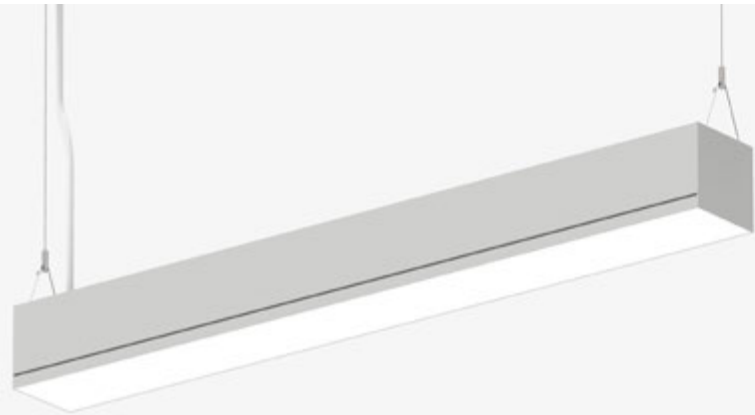
Consult factory for custom patterns

Light Levels

Measured at 3500K. Based on 4 ft sections.

Optics	Light Level	Lumens Delivered	Wattage	Efficacy (LPW)	Distribution Curves L3
Meta Blanc w/ Symmetric Reflector	L1	1401	14	100	
	L2	1754	17.7	99	
	L3	2384	24.2	99	
	L4	4424	49.9	89	
Meta Blanc w/ Asymmetric Reflector	L1	1370	14	98	
	L2	1714	17.7	97	
	L3	2330	24.2	96	
	L4	4325	49.9	87	

RAIL 6 S6

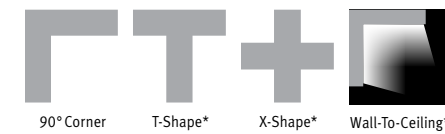


As our largest linear luminaire in the Rail family, Rail 6 provides the widest line of light for direct distribution. Its distinctive groove along the side adds visual interest. Ideal lighting solution for large open spaces.



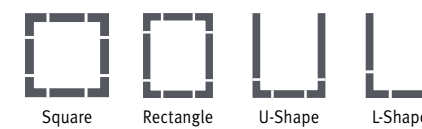
Rail 6 S6	
Housing	Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness, and steel formed end caps.
Color Temp	3000K, 3500K, 4000K, Tunable White
Lengths (ft)	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Continuous Rows (Consult factory)
Optics Up	None
Optics Down	Meta Blanc, Meta Ice, Drop Lens (not available with corners/patterns)
Finish	Satin Aluminum, White, Black, Custom Finish (Specify RAL#)
Driver	0-10 V Dimming
Circuitry	1 Circuit, Emergency/Night Light, Battery Pack
Mounting	Pendant, Recessed (Drywall, T-bar/TechZone), Surface
Voltage	120 V, 277 V, 347 V, UNV (120-277 V)
Controls	None, Daylight Sensor, Occupancy Sensor, Daylight/Occupancy Sensor
Options	90 CRI, None
Approvals	Certified to NRTL safety and IES recommendation testing standards. cULus listed. All components are CSA/QPS recognized or listed, RoHS, LM79, LM80 and LM82 compliant.
Environment	Suitable for dry or damp locations.

Corner Joiners

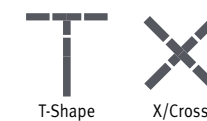


*Custom pattern. Consult factory.

Standard Patterns



Custom Patterns (Consult factory)



Light Levels

Measured at 3500K. Based on 4 ft sections.

Optics	Light Level	Lumens Delivered	Wattage	Efficacy (LPW)	Distribution Curves L3
Meta Blanc	L1	1479	13.8	107	
	L2	1824	17.6	104	
	L3	2435	24.2	101	
	L4	4483	49.9	90	
Meta Ice	L1	1730	13.8	125	
	L2	2133	17.6	121	
	L3	2850	24.2	118	
	L4	5248	49.8	105	
Drop Lens	L1	1509	14.0	108	
	L2	1888	17.7	107	
	L3	2567	24.2	106	
	L4	4762	49.9	95.4	

Rail Family

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