

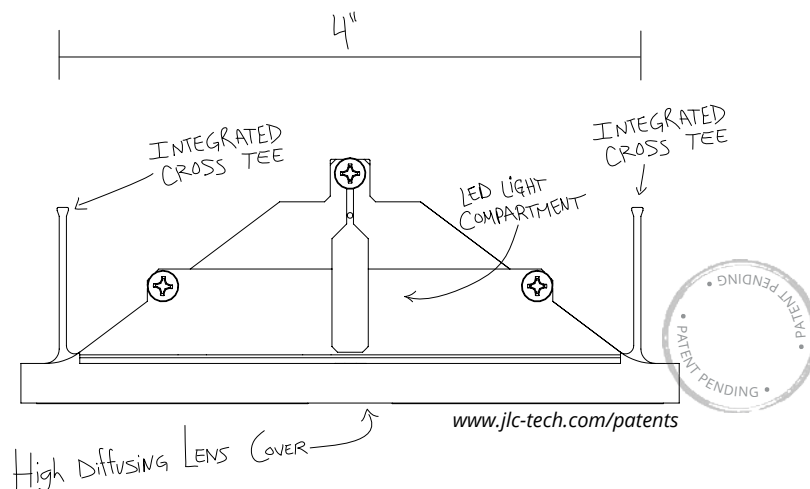
JLC • tech

A stylized graphic element consisting of a horizontal line with a series of short, horizontal strokes extending from its center, resembling a signal or a stylized 'E'.

GEMINI™

*The only linear downlight that is engineered and patented to
replace the cross members in a suspended grid ceiling system.*

GEMINI™ by JLC • tech



The first and only 4" linear downlight to install just like a cross tee in a suspended ceiling. The GEMINI revolutionizes the installation process to achieve linear lighting on-center with the grid by replacing the actual cross tees.

Typical linear downlights require a custom grid opening to be constructed in order to support the fixture, while the GEMINI has integrated cross-tees to create this on-center opening without additional grid components. This simplifies installation and allows for a more cohesive ceiling aesthetic. Offered with a single 4" wide lens, or a dual lens option that matches the surrounding grid lines, the GEMINI provides a low-glare, simple to install, linear downlight lighting solution while also conserving plenum space.

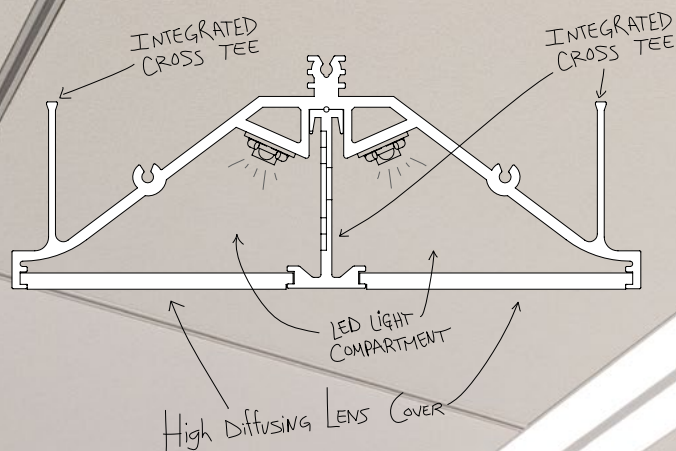
JLC-Tech is a pioneer in LED lighting, revolutionizing and challenging the status quo on how we illuminate our spaces.

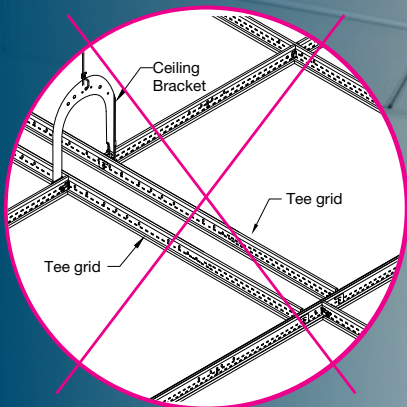
Why GEMINI™

GEMINI by JLC-Tech is designed with integrated cross tees to provide a 4" linear light on-center to the suspended ceiling grid. There is no longer a need to build a custom opening or slot for the lighting fixture. Utilizing standard grid ceiling components, the GEMINI installs into the ceiling location typically occupied by a 2ft, 4ft, or 5ft cross tee.

Available with two distinct lens options; a double lens with central spine that matches the surrounding grid width, giving the look of a continuous ceiling grid, or a single lens option for a more traditional slot fixture aesthetic.

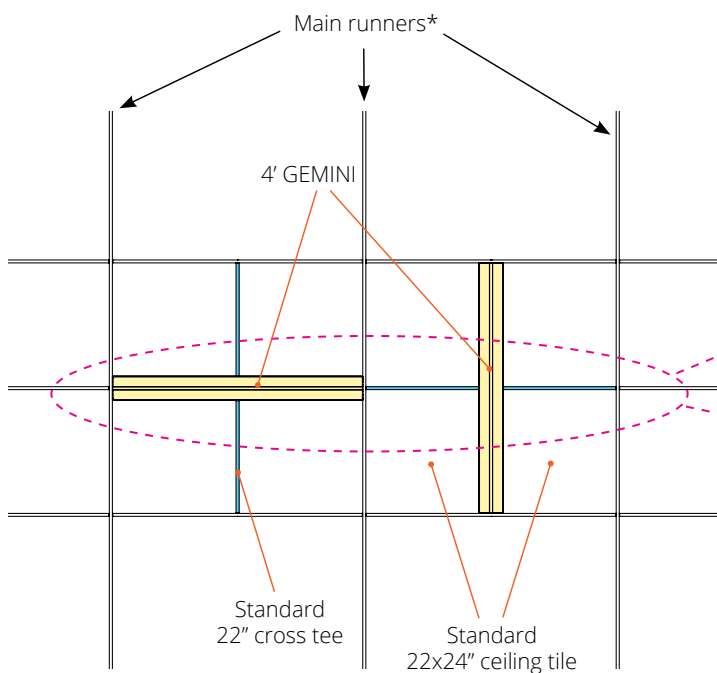
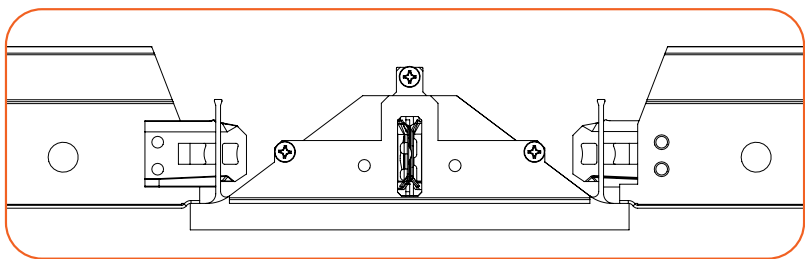
Each lens option is also available with a choice of high performance optics. The Diffuse White (DW) optic utilizes a high efficiency PMMA diffusing lens for a smooth look with no visible LEDs. The DW optic is ideal for a clean look and wide light distribution for even illumination. The Diffuse Prismatic (DP) optic uses a precision engineered dual-layer optical system to offer the perfect balance of soft diffuse light and glare control for elevated visual comfort. The DP optic is the perfect tool to design towards UGR requirements without sacrificing visual aesthetics.



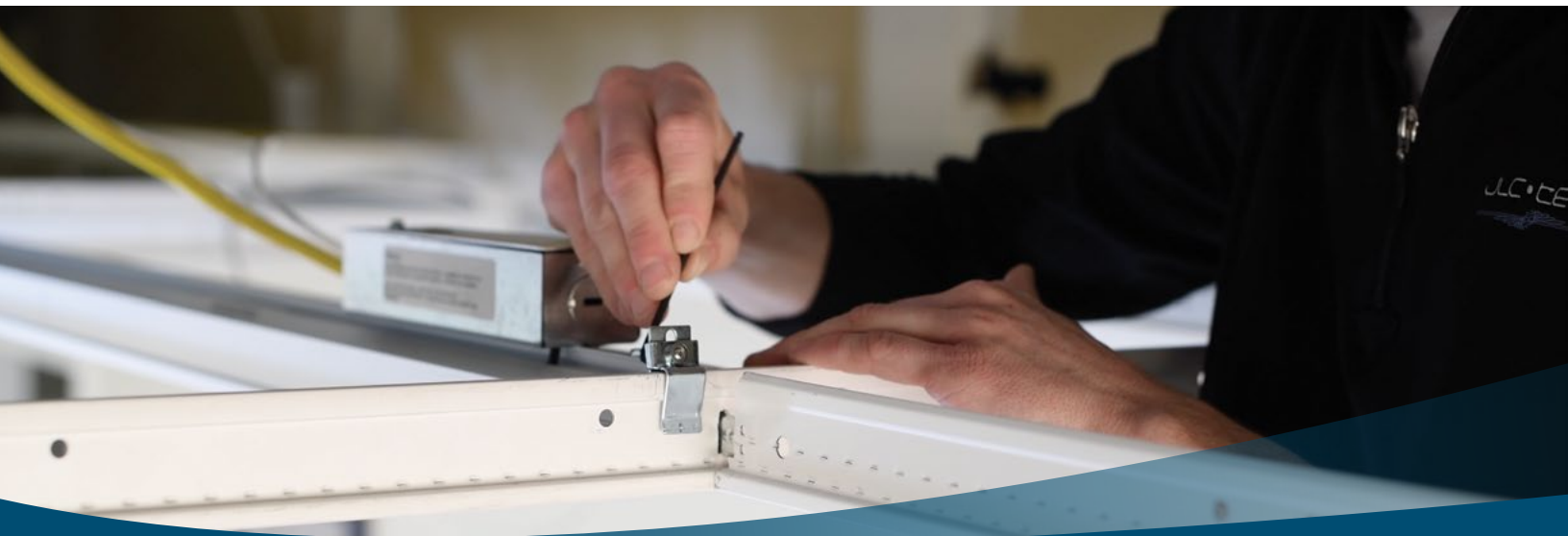


Custom opening not required.

GEMINI is the first and only linear downlight for grid ceilings that installs without the need to build a custom opening in the grid system to support the fixture for on-center linear lighting.



* Main runners can run perpendicular or parallel to the GEMINI.

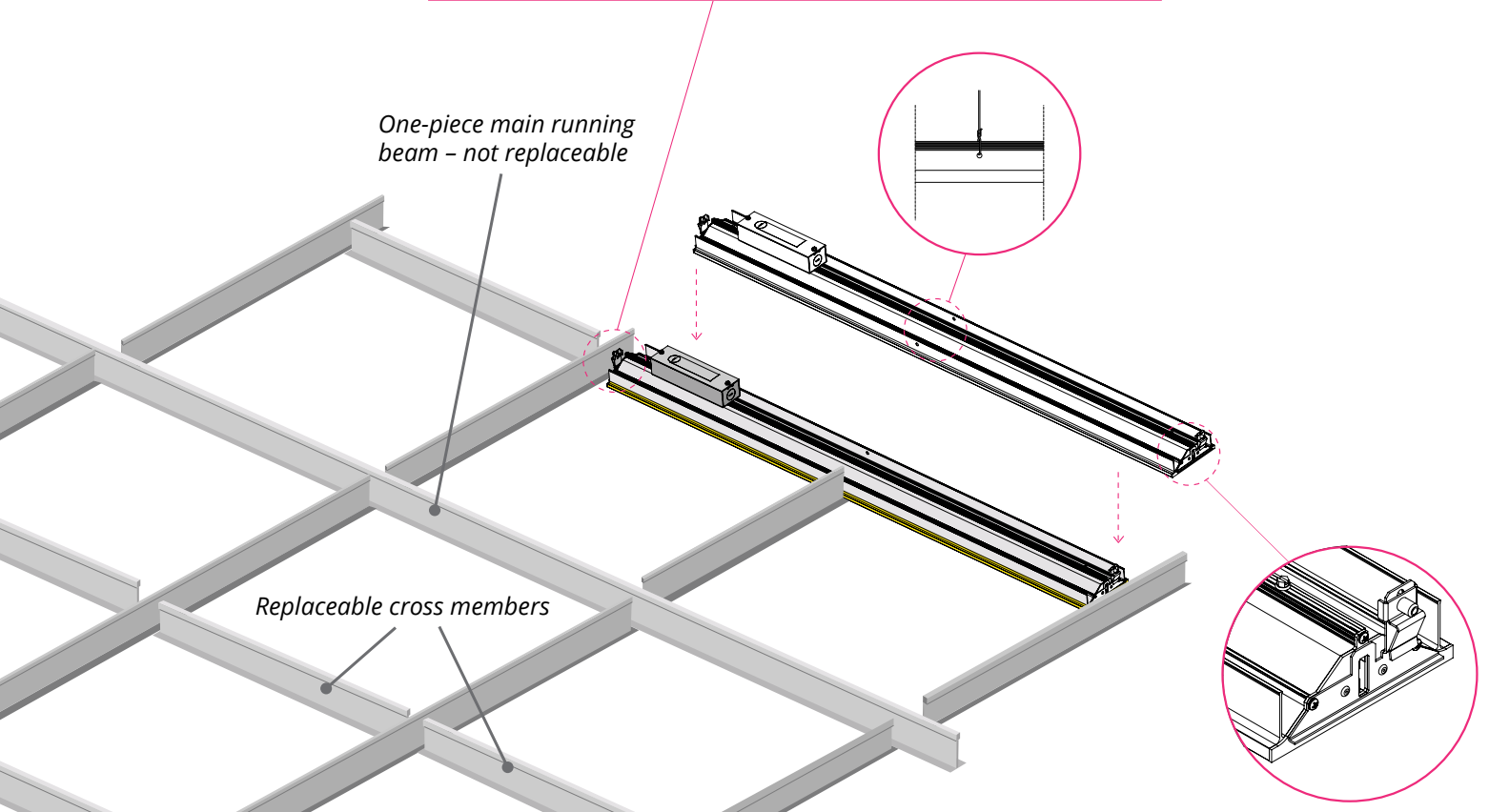
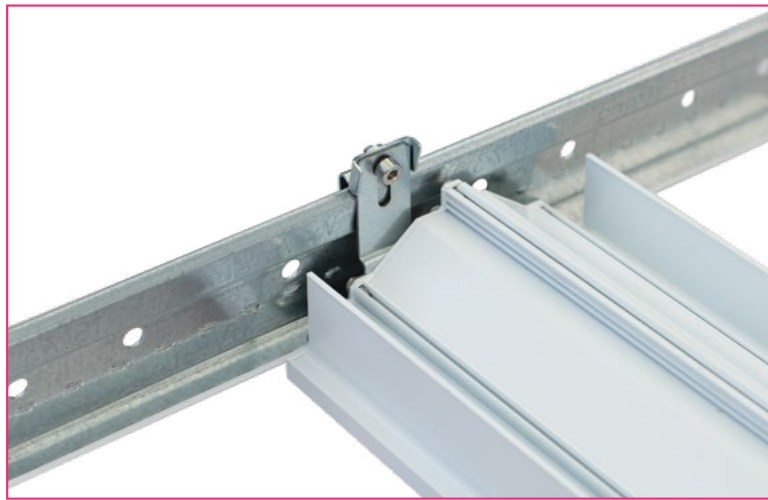


How to install the GEMINI™

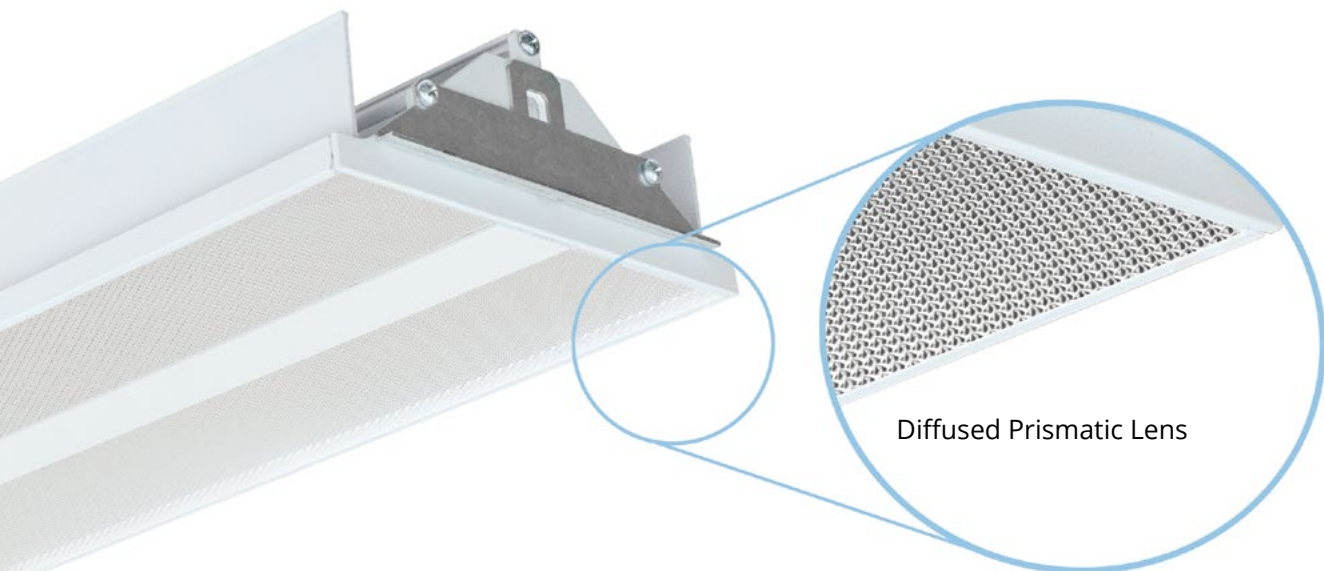
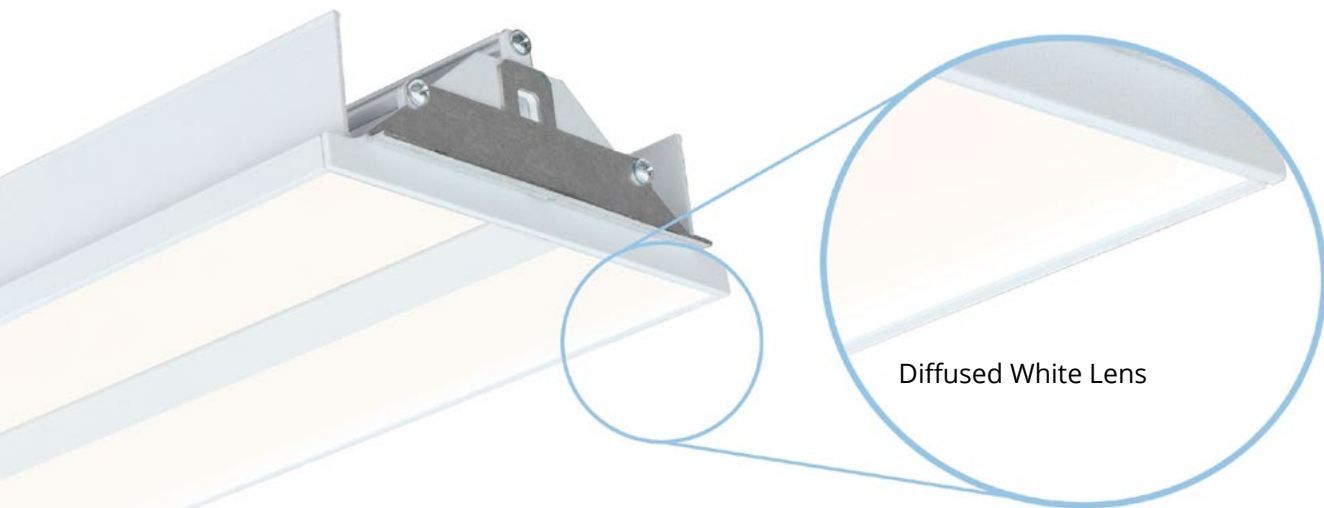
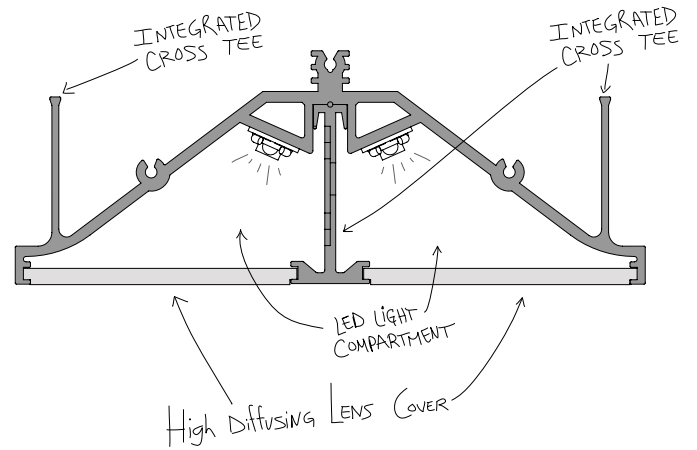
Universally Compatible Clip

Specially designed brackets are mounted at each end of the fixture for easy installation into most manufacturers' standard 15/16" and 9/16" ceiling suspension systems.





GEMINI™ Double Lens



Product Name	LED/K Color	Light Output*	Size	Grid Type	Optic	Mounting Clips	Color	Driver	Options
GEMD = GEMINI Double Lens	HW = 3000K MW = 3500K MN = 4000K HN = 4500K CN = 5000K 90 CRI available, consult factory.	500 = 500 lm/ft 750 = 750 lm/ft 1000 = 1000 lm/ft	2 = 2 ft 4 = 4 ft 5 = 5 ft 6 = 60 cm 12 = 120 cm	24 = 15/16" 15 = 9/16" 15B = 9/16" Bolt Slot	DW = Diffused White DP = Diffused Prismatic	A = Armstrong U = Universal C = Custom	W = White C = Custom	UNV = 120-277 Vac 0-10V dimming POE = Power over Ethernet*	CP = Chicago Plenum Optional EM Battery Kit available (sold separately).

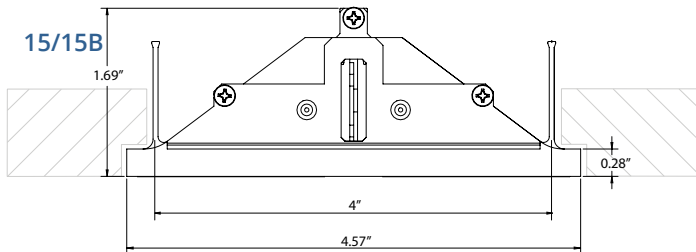
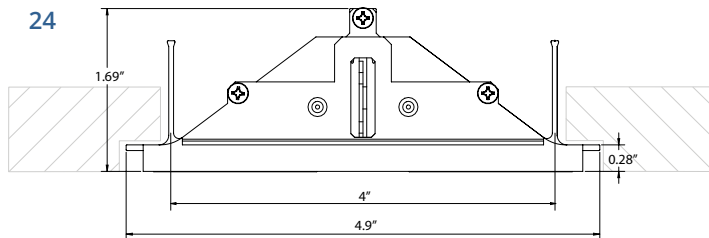
www.jlc-tech.com/patents

*Additional lighting outputs available, consult factory.

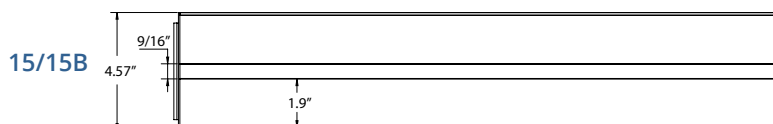
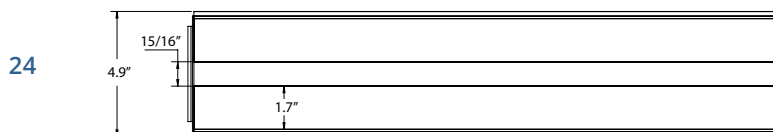
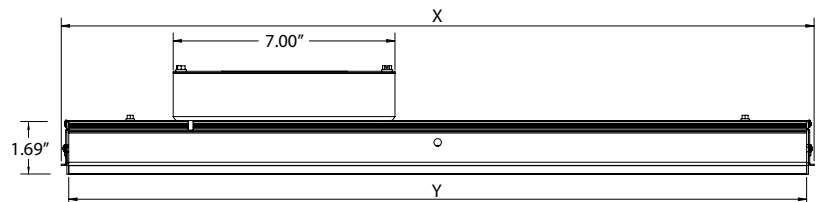
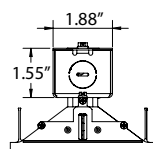
*Consult factory for PoE



Dimensions (Compatible with Tegular and Lay-in tiles)



JB Installed on top (provided)



CRI = >82

L₈₀ > 60K hrs

IP40

NOTES:

GEMINI Double Lens is designed to provide a 4" dual lens linear downlight on-center to the grid with integrated cross tees, by replacing standard cross members in a suspended ceiling; without the need to build a custom opening in the grid ceiling.

APPLICATIONS:

Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

MOUNTING:

Mounting clips for easy installation with Armstrong 15/16" or 9/16" suspension systems or standard 15/16" or 9/16" T-bars of most manufacturers ceiling suspension systems. Compatible with tegular and lay-in tiles. Custom mounting brackets available for specialty wood slat/plank ceilings.

MATERIALS & OPTICS:

Powder coated aluminum extruded body, steel mounting clips, and powder coated steel end caps. "DW" optic uses high efficiency frosted acrylic PMMA lens for even illumination, "DP" optic uses precision engineered PMMA prismatic lens with internal PET film layer providing diffuse glare free illumination to help design to UGR requirements.

ELECTRIC:

Universal input voltage of 120 – 277VAC. Junction box installed on fixture with integral driver and wire nuts inside for connection to branch circuit and 0-10V dimming system. Fixture must be installed in accordance with local electrical codes. For EM Battery Kit order separately. PoE options available, consult factory.

WARRANTY:

5 years

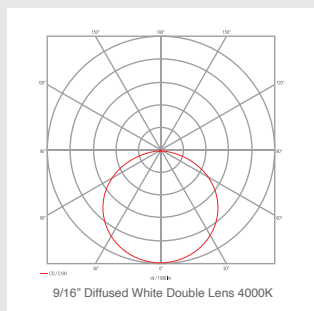
LISTINGS:

ETL/CETLus CE RoHS. Indoor use only. IC Rated.



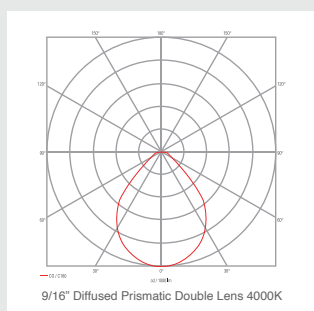
Size	Grid Type	X	Y
2 = 2ft	24 = 15/16"	24"	23"
4 = 4ft	24 = 15/16"	48"	47"
5 = 5ft	24 = 15/16"	60"	59"
2 = 2ft	15 = 9/16"	24"	23.4"
4 = 4ft	15 = 9/16"	48"	47.4"
5 = 5ft	15 = 9/16"	60"	59.4"

PHOTOMETRICS



Diffused White Double Lens

Code Selection	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
500 = 500 lm/ft	487	4.6	105.9
750 = 750 lm/ft	731	7.2	101.5
1000 = 1000 lm/ft	975	9.4	103.7

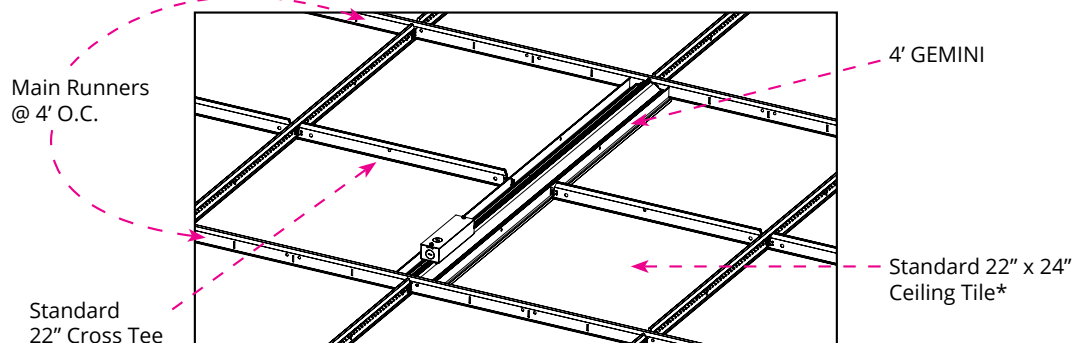
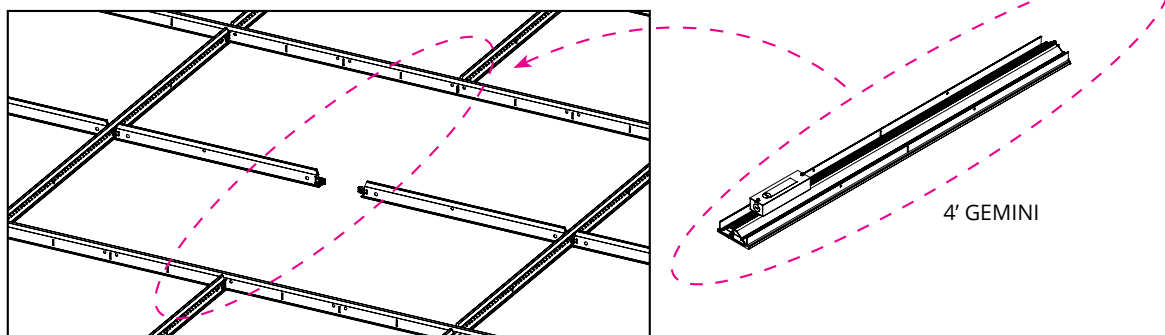


Diffused Prismatic Double Lens

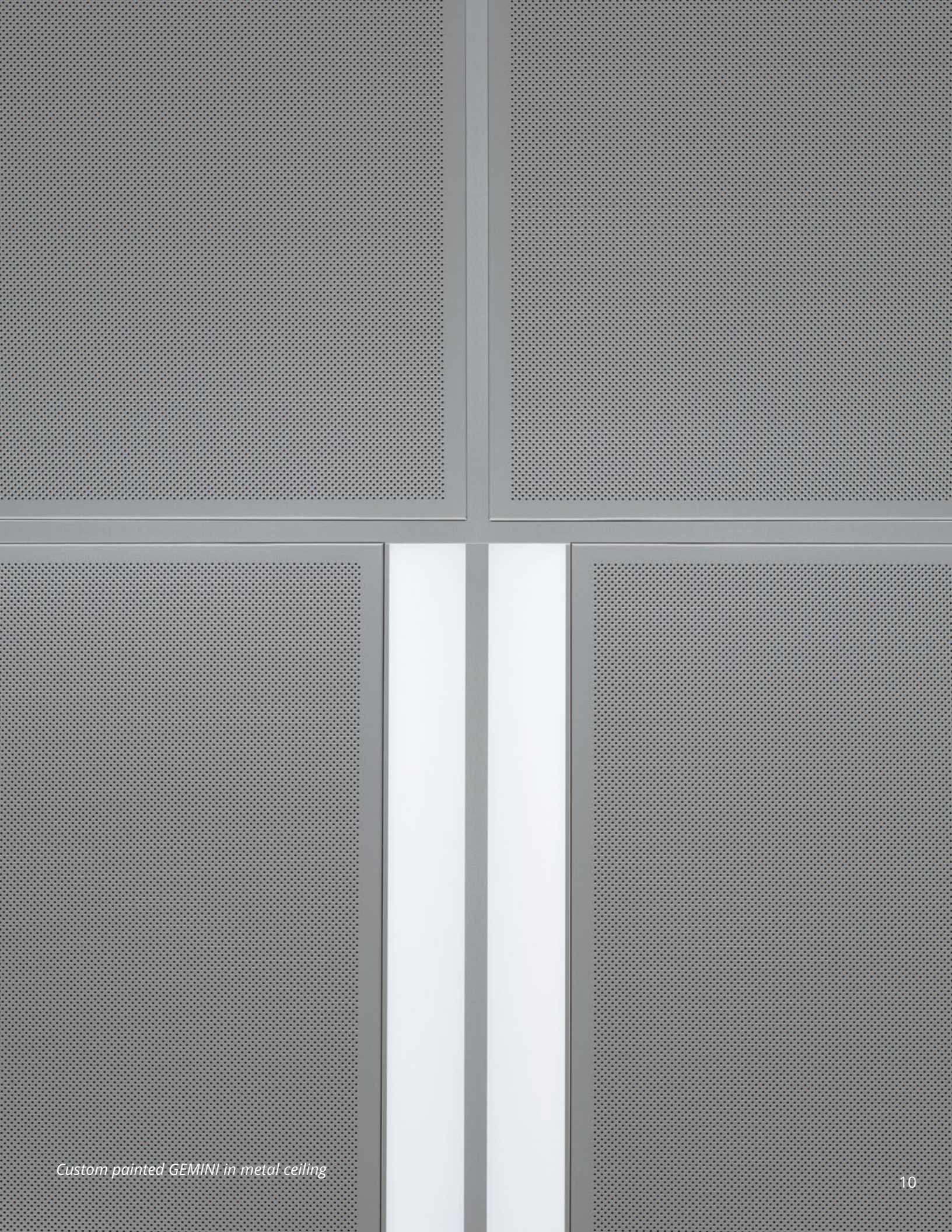
Code Selection	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
500 = 500 lm/ft	453	4.6	98.5
750 = 750 lm/ft	680	7.2	94.4
1000 = 1000 lm/ft	908	9.4	96.6

TYPICAL INSTALLATION

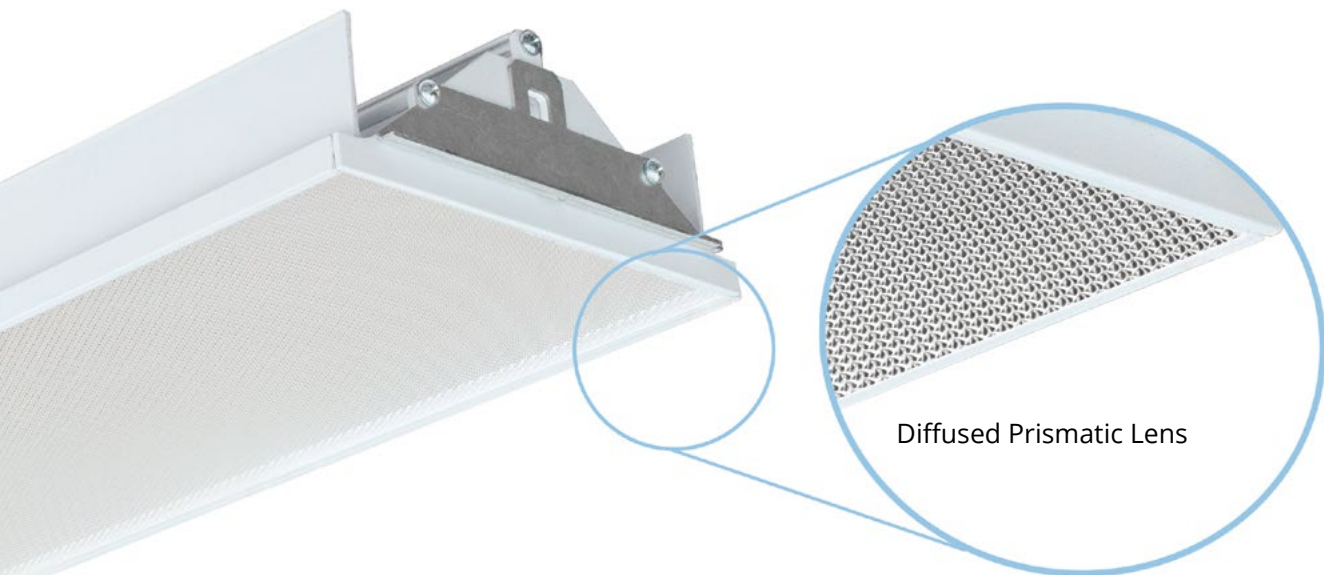
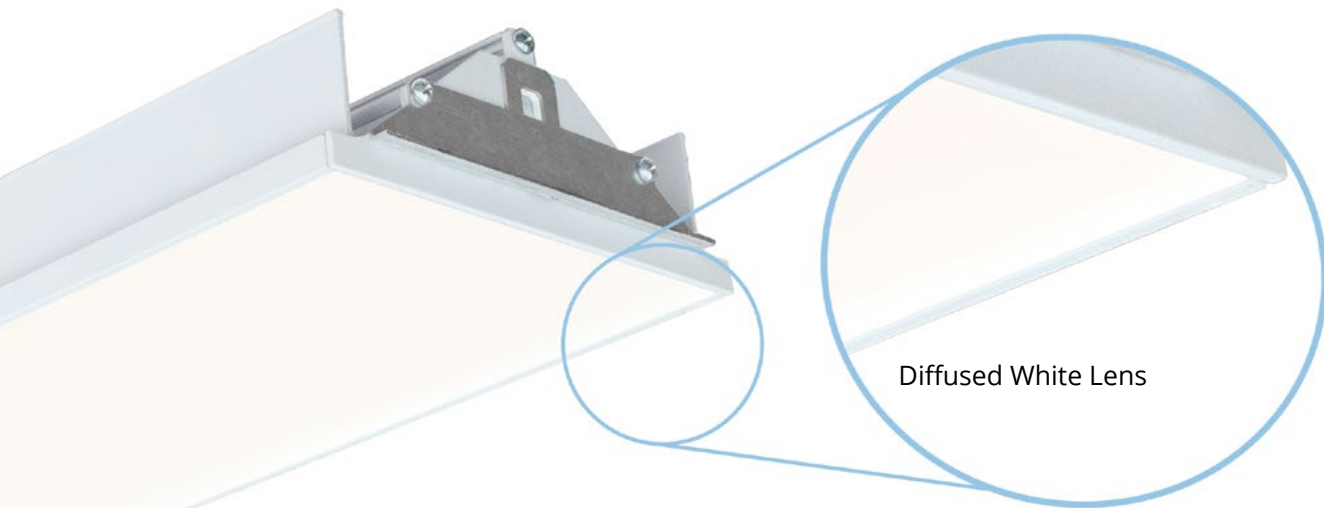
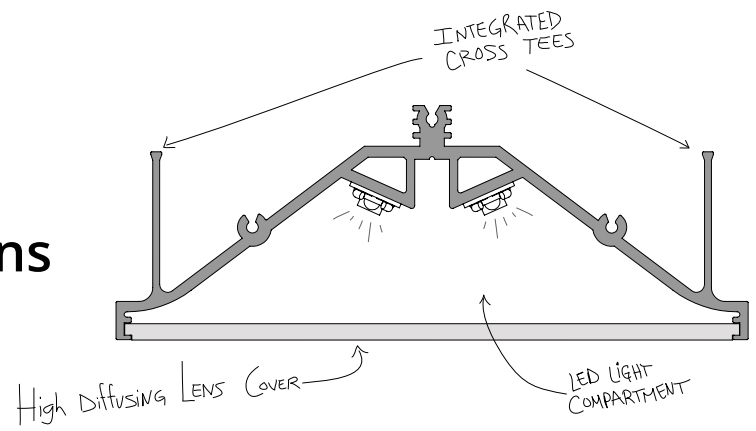
GEMINI Double Lens is designed to provide a 4" dual lens linear downlight on-center to the grid with integrated cross tees, by replacing standard cross members in a suspended ceiling; without the need to build a custom opening in the grid ceiling. Utilizing standard grid ceiling components, the GEMINI installs into the ceiling location typically occupied by a 2ft, 4ft or 5ft cross tee. The integrated outer cross tees on the GEMINI allow for all common ceiling accessories to seamlessly install as if there was a 4" custom opening made from standard cross tees.



* Standard ceiling tile part numbers can be found through
Armstrong Ceiling Solutions and other major ceiling manufacturers.



GÆMINI™ Single Lens



Product Name	LED/K Color	Light Output*	Size	Grid Type	Optic	Mounting Clips	Color	Driver	Options
GEMS = GEMINI Single Lens	HW = 3000K MW = 3500K MN = 4000K HN = 4500K CN = 5000K 90 CRI available, consult factory.	500 = 500 lm/ft 750 = 750 lm/ft 1000 = 1000 lm/ft	2 = 2 ft 4 = 4 ft 5 = 5 ft 6 = 60 cm 12 = 120 cm	24 = 15/16" 15 = 9/16" 15B = 9/16" Bolt Slot	DW = Diffused White DP = Diffused Prismatic	A = Armstrong U = Universal C = Custom	W = White C = Custom	UNV = 120-277 Vac 0-10V dimming POE = Power over Ethernet*	CP = Chicago Plenum Optional EM Battery Kit available (sold separately).

www.jlc-tech.com/patents

*Additional lighting outputs available, consult factory.

*Consult factory for PoE



CRI = >82 L₈₀ > 60K hrs IP40

NOTES:

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Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

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ELECTRIC:

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WARRANTY:

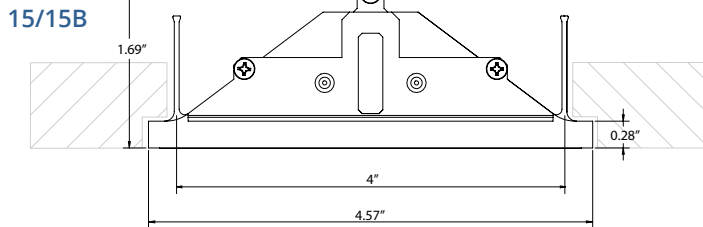
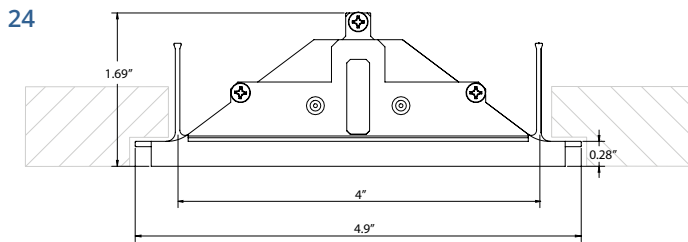
5 years

LISTINGS:

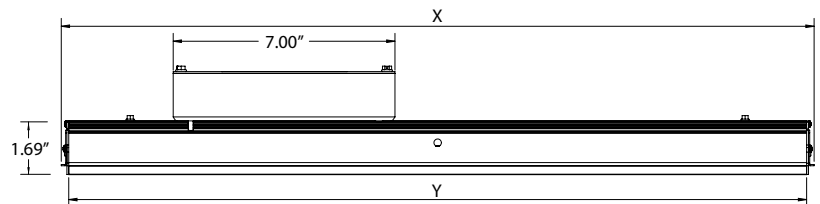
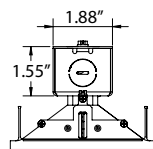
ETL/cETLus CE RoHS. Indoor use only. IC Rated.



Dimensions (Compatible with Tegular and Lay-in tiles)

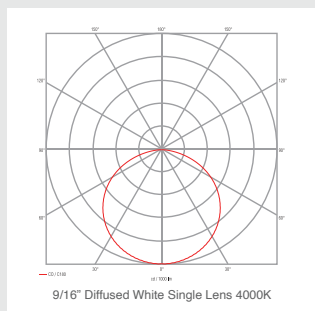


JB Installed on top (provided)



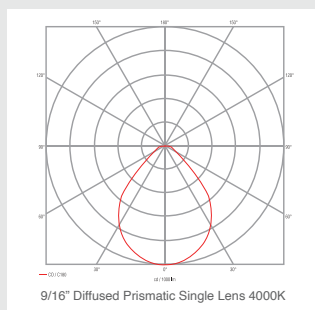
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5 = 5ft	15 = 9/16"	60"	59.4"

PHOTOMETRICS



Diffused White Single Lens

Code Selection	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
500 = 500 lm/ft	542	4.6	117.8
750 = 750 lm/ft	813	7.2	112.9
1000 = 1000 lm/ft	1085	9.4	115.4

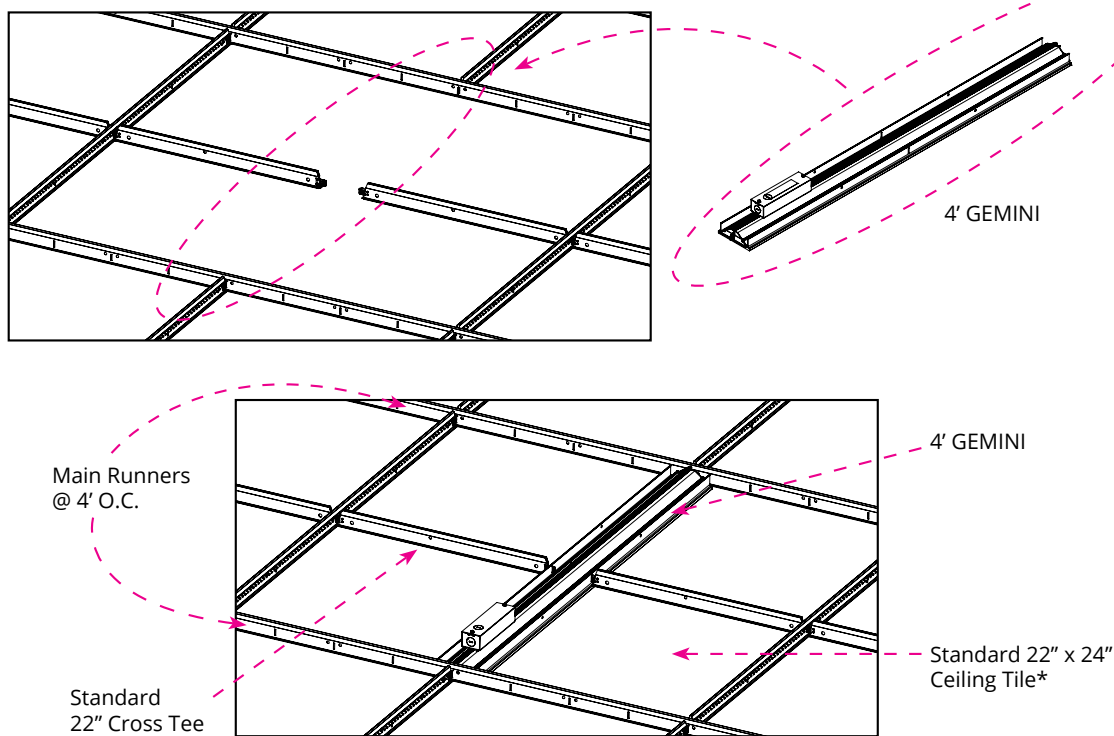


Diffused Prismatic Single Lens

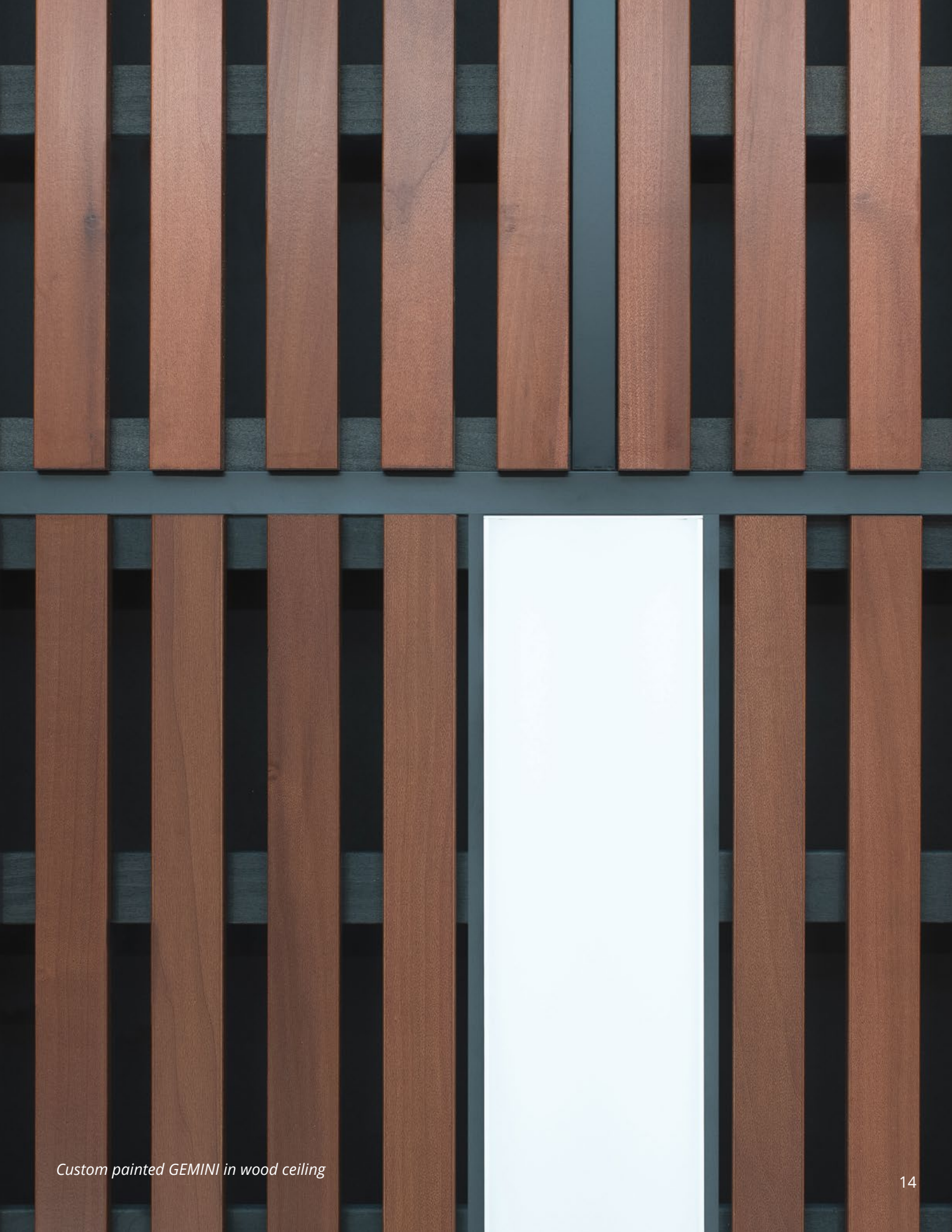
Code Selection	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
500 = 500 lm/ft	558.26	4.6	121.4
750 = 750 lm/ft	837.39	7.2	116.3
1000 = 1000 lm/ft	1117.55	9.4	118.9

TYPICAL INSTALLATION

GEMINI Single Lens is designed to provide a 4" full wide single lens linear downlight on-center to the grid with integrated cross tees, by replacing standard cross members in a suspended ceiling; without the need to build a custom opening in the grid ceiling. Utilizing standard grid ceiling components, the GEMINI installs into the ceiling location typically occupied by a 2ft, 4ft or 5ft cross tee. The integrated outer cross tees on the GEMINI allow for all common ceiling accessories to seamlessly install as if there was a 4" custom opening made from standard cross tees.



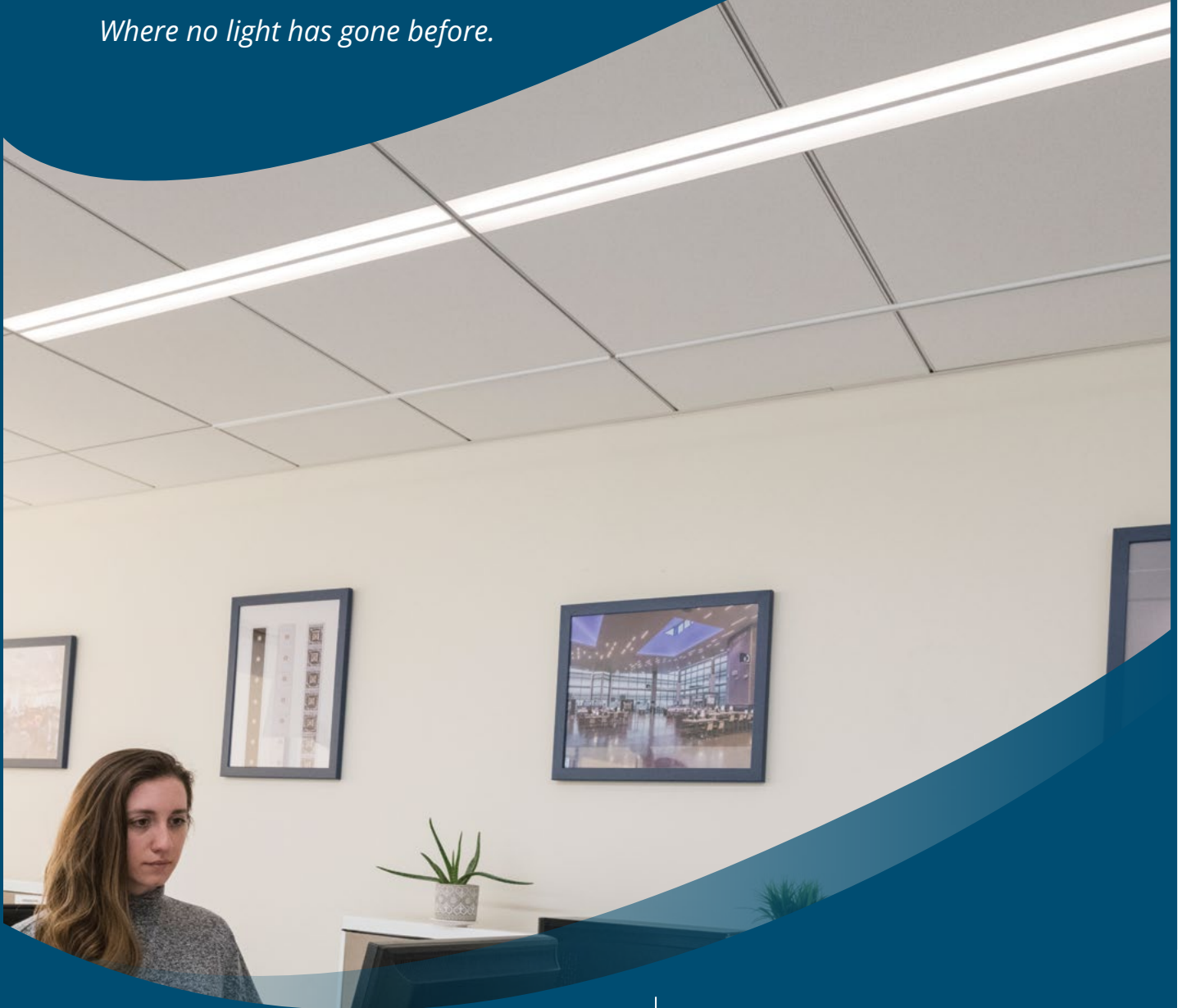
* Standard ceiling tile part numbers can be found through
Armstrong Ceiling Solutions and other major ceiling manufacturers.



Custom painted GEMINI in wood ceiling

JLC • tech

Where no light has gone before.



JLC-Tech was founded with one singular vision: to create unique and useful LED lighting fixtures. Improve room acoustics, achieve even-illumination, reduce installation costs and minimize construction waste by using JLC-Tech's products, the only lighting fixtures that replace the cross tee in the suspended ceiling system.

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