

GEMINI 2" | Order Specification Guide



| Product Name                 | LED/K Color                   | Light Output                                     | Grid Size   | Grid Type             | Optic               | Mounting Clips     | Color      | Driver                          | Options  |
|------------------------------|-------------------------------|--|-------------|-----------------------|---------------------|--------------------|------------|---------------------------------|--|
| GEM2 = GEMINI 2" Single Lens | HW = 3000K                    | LO = Low   | 2 = 2 ft    | 24 = 15/16"           | DW = Diffused White | U = Universal      | W = White  | UNV = 120-277 Vac 0-10V dimming | CP = Chicago Plenum                                  |
|                              | MW = 3500K                    | MO = Medium                                      | 4 = 4 ft    | 15 = 9/16"            | VC = Vista Comfort® | A = Armstrong      | B = Black  | POE = Power over Ethernet*      | LA = Lutron Athena Wireless Node*                    |
|                              | MN = 4000K                    | HO = High  | 5 = 5 ft    | 15B = 9/16" Bolt Slot |                     | W = Specialty Wood | C = Custom |                                 | Optional EM Battery Kit available (sold separately). |
|                              | HN = 4500K                    |  | Metric      |                       |                     |                    |            |                                 |  |
|                              | CN = 5000K                    |  | 6 = 60 cm   |                       |                     |                    |            |                                 |  |
|                              | 90 CRI available, on request. | Custom lumen outputs available, consult factory. | 12 = 120 cm |                       |                     |                    |            |                                 |  |

www.jlc-tech.com/patents

\*For PoE or Lutron Athena, consult factory

Single Lens Diffused White (DW)



Single Lens Vista Comfort (VC)



**NOTES:**

GEMINI 2" is designed to provide a 2" linear slot light 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:**

Universal 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. Mounting Clips "W" for grille and plank specialty wood ceilings, consult factory for wood ceiling specific shop drawings details.

**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, "VC" 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, (dimming to 1%). Fixture must be installed in accordance with local electrical codes. For EM Battery Kit order separately. PoE options available, consult factory.

**WARRANTY:**

5 years

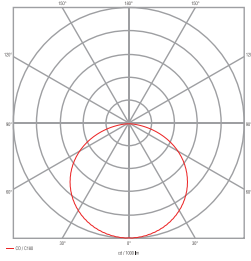
**LISTINGS:**

ETL/cETLus CE RoHS. Indoor use only. IC Rated. IP 40.



Photometrics CRI = >82

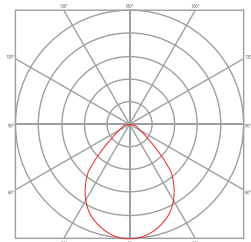
$L_{80} > 60K$  hrs



9/16" Diffused White Single Lens 4000K

Diffused White Single Lens

| Code Selection     | Output (lm/ft) | Power (watts/ft) | Efficacy (lm/W) |
|--------------------|----------------|------------------|-----------------|
| <b>LO</b> = Low    | 522            | 4.1              | 127             |
| <b>MO</b> = Medium | 760            | 6.1              | 124.5           |
| <b>HO</b> = High   | 1005           | 7.9              | 127             |



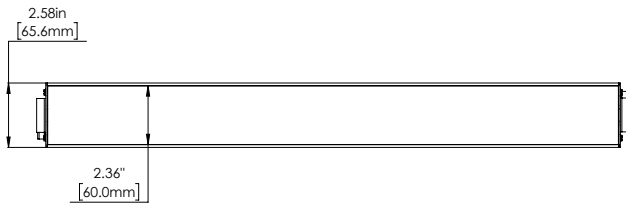
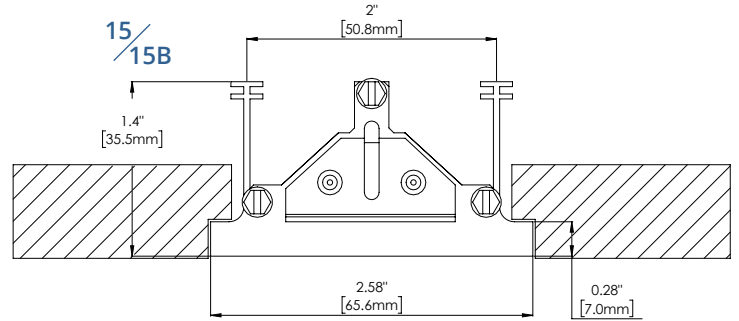
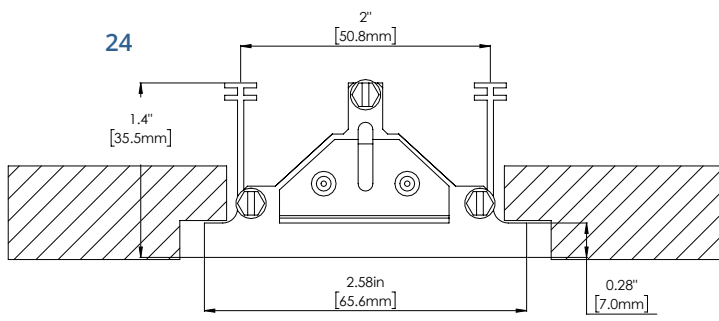
9/16" Vista Comfort® Single Lens 4000K

Vista Comfort Single Lens

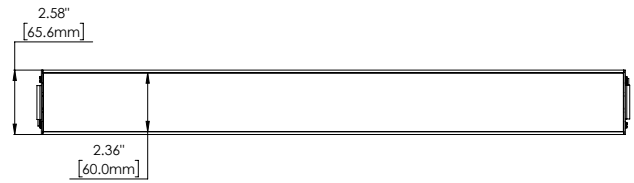
| Code Selection     | Output (lm/ft) | Power (watts/ft) | Efficacy (lm/W) |
|--------------------|----------------|------------------|-----------------|
| <b>LO</b> = Low    | 527            | 4.1              | 128.5           |
| <b>MO</b> = Medium | 768            | 6.1              | 125.9           |
| <b>HO</b> = High   | 1016           | 7.9              | 128.6           |

*\*Complete photometric info and IES files are available for download at [www.jlc-tech.com](http://www.jlc-tech.com)*

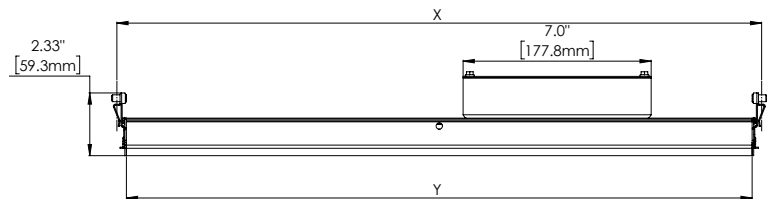
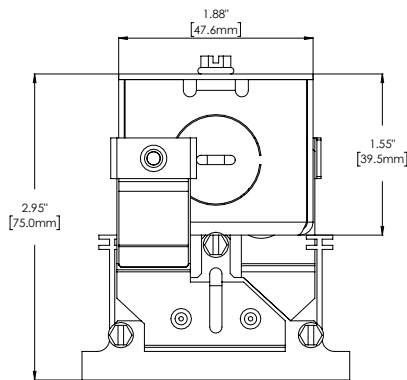
Dimensions (Compatible with Tegular and Lay-in tiles)



15/16" GEMINI Single Lens  
GEM2-XX-X-X-24-XX-X-W-UNV



9/16" GEMINI Single Lens  
GEM2-XX-X-X-15/15B-XX-X-W-UNV



| Size    | Grid Type      | X   | Y     |
|---------|----------------|-----|-------|
| 2 = 2ft | 15/15B = 9/16" | 24" | 23.4" |
| 4 = 4ft | 15/15B = 9/16" | 48" | 47.4" |
| 5 = 5ft | 15/15B = 9/16" | 60" | 59.4" |

| 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" |