### San Francisco’s specifications for LED luminaires/fixtures

(Required & Suggested products)

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<th>Category</th>
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| **Interior LED Luminaires**   | • Ceiling-mounted for ambient lighting of interior commercial spaces (including models with 4-foot, 8-foot, 2-foot and u-bent lamps)  
  • **Recessed** can  
  • **Track** light  
  • **High-bay** | **Required products:**  
  • [Energy Star-certified](https://www.energystar.gov) OR on [DLC QPL](https://www.dlc.org) AND  
  • Class A Sound Rating AND  
  • Class A FCC Electromagnetic Compliance Rating  
  **Suggested products** must meet requirements above and be DLC Premium Listed and/or labeled RoHS-compliant. |
| **Exterior (Outdoor) LED Luminaires** | • **Outdoor** wall- and pole-mounted area luminaires (including security lighting)  
  • **Parking garage/lot** luminaires | **Required products:**  
  • [Energy Star-certified](https://www.energystar.gov) OR on [DLC QPL](https://www.dlc.org) AND  
  • Class A Sound Rating AND  
  • Class A FCC Electromagnetic Compliance Rating AND  
  • Fully shielded to minimize light pollution  
  **Suggested products** must meet requirements above and be RoHS-compliant, approved by the International Dark-Sky Association (IDA), and/or DLC Premium Listed. |
| **LED Retrofit Kits**  
  (for interior & exterior luminaires) | • For ambient lighting of interior commercial spaces  
  • For recessed cans  
  • Retrofit kits for high-bay luminaires for commercial buildings  
  • For outdoor wall- and pole-mounted luminaires  
  • For parking garage/lot luminaires | **Required products:**  
  • [Energy Star-certified](https://www.energystar.gov) OR on [DLC QPL](https://www.dlc.org) AND  
  • Class A Sound Rating AND  
  • Class A FCC Electromagnetic Compliance Rating  
  LED retrofit kits for recessed cans must also meet CA 2016 Title 20 Appliance Efficiency standards.  
  **Suggested products** must meet requirements above and be RoHS-compliant and/or DLC Premium Listed. |

**Prohibited:** Other LED luminaires, retrofit kits & drivers

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1. [International Dark-Sky Association (IDA)](https://www.darksky.org) certifies outdoor luminaires that minimize glare and doesn’t pollute the night sky.