



Leading to a Brighter Future

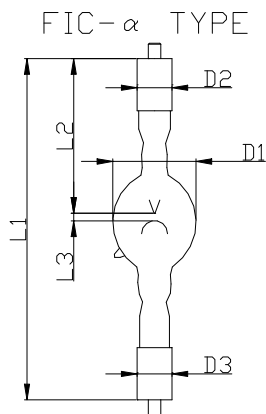
## Super High-Pressure Mercury Short Arc Lamp (2~16kW)

- Yumex Super High-Pressure Mercury Short Arc Lamp (2~16kW) is a light source developed to emit wavelengths from 300nm to 450nm.
- Since the arc size of the lamp is extremely close to that of a point light source, it emits light that can be easily concentrated or dispersed to achieve the uniform illuminance distribution.
- This lamp is used for main exposure systems of the PCB, LCD, PDP industries and Nanofabrication Technology.

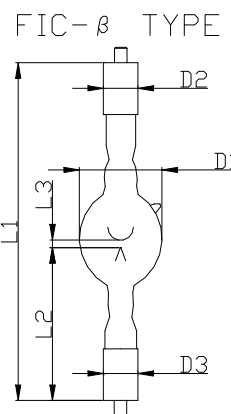
### Super High-Pressure Mercury Short Arc Lamp (2~16kW)

| Type       | Power (W) | Voltage (V) | Current (A) | L1 (mm) | L2 (mm) | L3 (mm) | φ D1 (mm) | φ D2 (mm)  | φ D3 (mm)  |
|------------|-----------|-------------|-------------|---------|---------|---------|-----------|------------|------------|
| FIC-α2000  | 2000      | 37          | 54          | 270     | 138.5   | 2.9     | 62        | 27         | 27         |
| FIC-α3500  | 3500      | 62          | 56          | 290     | 141.6   | 6.6     | 70        | 27 hexagon | 27         |
| FIC-α5000  | 5000      | 66          | 76          | 300     | 152     | 7       | 80        | 33.5       | 33.5       |
| FIC-α8000  | 8000      | 80          | 100         | 430     | 215     | 10.2    | 105       | 33.5       | 41         |
| FIC-β2000  | 2000      | 36          | 56          | 270     | 128     | 3.6     | 62.4      | 27         | 27         |
| FIC-β3500  | 3500      | 53          | 66          | 300     | 142.5   | 6.6     | 70        | 27         | 29 hexagon |
| FIC-β4300  | 4300      | 50          | 86          | 335     | 178     | 5       | 80        | 40         | 33.5       |
| FIC-β5000  | 5000      | 53          | 94          | 327     | 148     | 7.5     | 80        | 33.5       | 33.5       |
| FIC-β8000  | 8000      | 78          | 103         | 385     | 179     | 7.5     | 105       | 46         | 40         |
| FIC-β10000 | 10000     | 90          | 111         | 440     | 208.5   | 11.3    | 106       | 40         | 35         |
| FIC-β12000 | 12000     | 108         | 111         | 465     | 229     | 11      | 120       | 46         | 41         |
| FIC-β16000 | 16000     | 130         | 123         | 515     | 239     | 17      | 140       | 40         | 35         |

Type : FIC-α



Type : FIC-β



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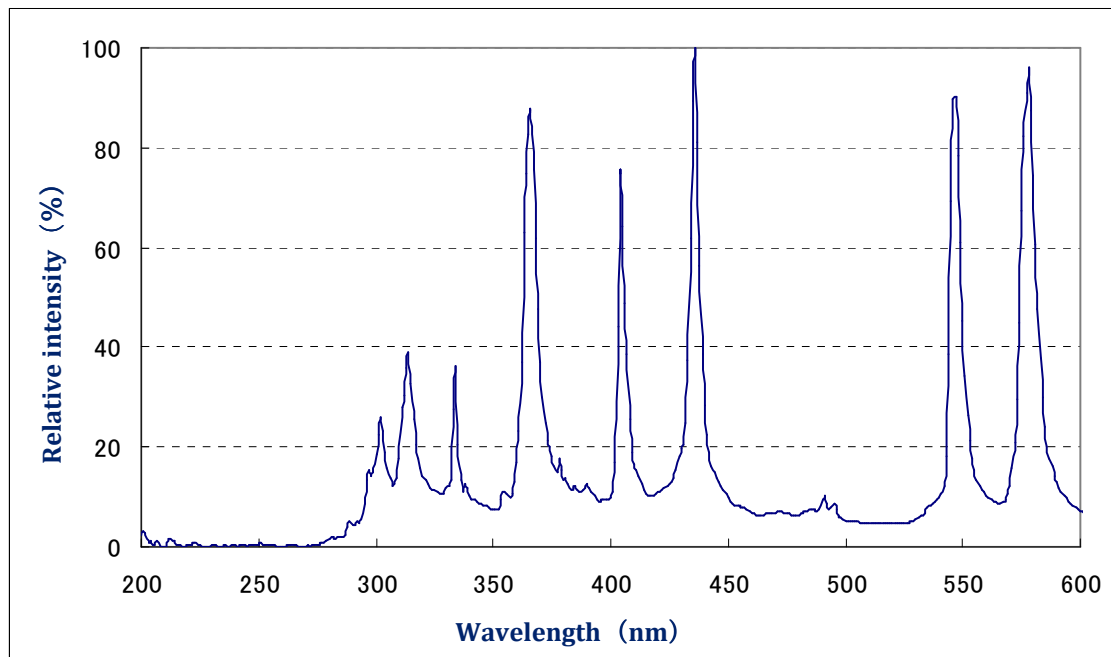
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### Spectral Distribution Characteristics



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