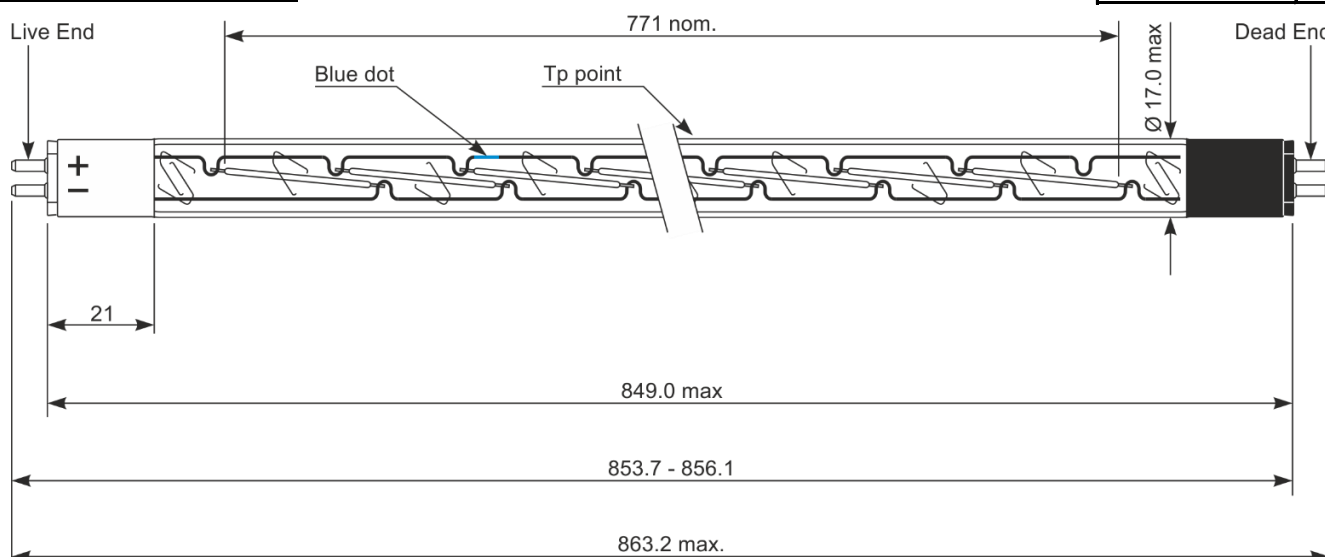




MECHANICAL DATA:

Energy Class : D



Bulb type : T5

Cap type : G5

Finish : Clear

ELECTRICAL DATA:

| | | Standard setting | FHE21 setting | FHO39 setting |
|---------------------------------|----------------|------------------|---------------|---------------|
| Lamp Power (P_{on}) | (W) | 16.3 | 5.0 | 8.6 |
| Lamp Standby Power (P_{sb}) | (W) | 0 | 0 | 0 |
| Lamp Voltage | (V) | 65 | 65 | 65 |
| Lamp Current | (mA) | 250 | 77 | 133 |
| Energy Consumption per 1000h | (kW/h) | 17 | 6 | 9 |
| Displacement Factor | (Cos ϕ 1) | | N/A | |
| Supply Frequency | (Hz) | | DC | |

PHOTOMETRIC DATA:

| | | Standard setting | FHE21 setting | FHO39 setting |
|--------------------------------------|----------------|------------------|------------------------|---------------|
| Useful Luminous Flux (360°) | (ℓm) | 2600 | 850 | 1425 |
| Luminous Efficacy | ($\ell m/W$) | 160 | 170 | 165 |
| Total Mains Efficacy (η_{TM}) | ($\ell m/W$) | 148 | 157 | 153 |
| Dominant Wavelength | (nm) | | 590 | |
| Spectral Saturation | (%) | | 98 | |
| Chromaticity Co-ordinates | (x,y) | | CCx=0.565 , CCy=0.420 | |
| Chromaticity Tolerance | (SDCM) | | 6-step MacAdam Ellipse | |
| Max. Actinic Radiation <500nm | (%) | | 0.50 | |
| Flicker (P_{stLM}) | | | N/A | |
| Stroboscopic Effect (SVM) | | | N/A | |

OTHER DATA:

| | | Standard setting | Min | Max |
|---|------|------------------|-----------|-----|
| Rated Median Lifetime to $L_{70}B_{50}$ | (h) | 25,000 | | |
| Ta Ambient temperature | (°C) | 25 | -40 | 50 |
| Tp Point | (°C) | 35 | - | 55 |
| Burning Position | | | Universal | |

APPLICATION:

IP68 hermetically sealed & silicone-free construction. Suitable for indoor / outdoor use.
 Use constant current DC LED drivers, connect multiple lamps in series. Dimmable to 0%.
 Rated life is in free air at 25°C. Use at other ambient temperatures may influence actual life.
 Complies with relevant clauses of IEC62776, IEC62560, IEC62031, IEC62612, IEC62717.

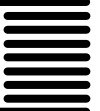
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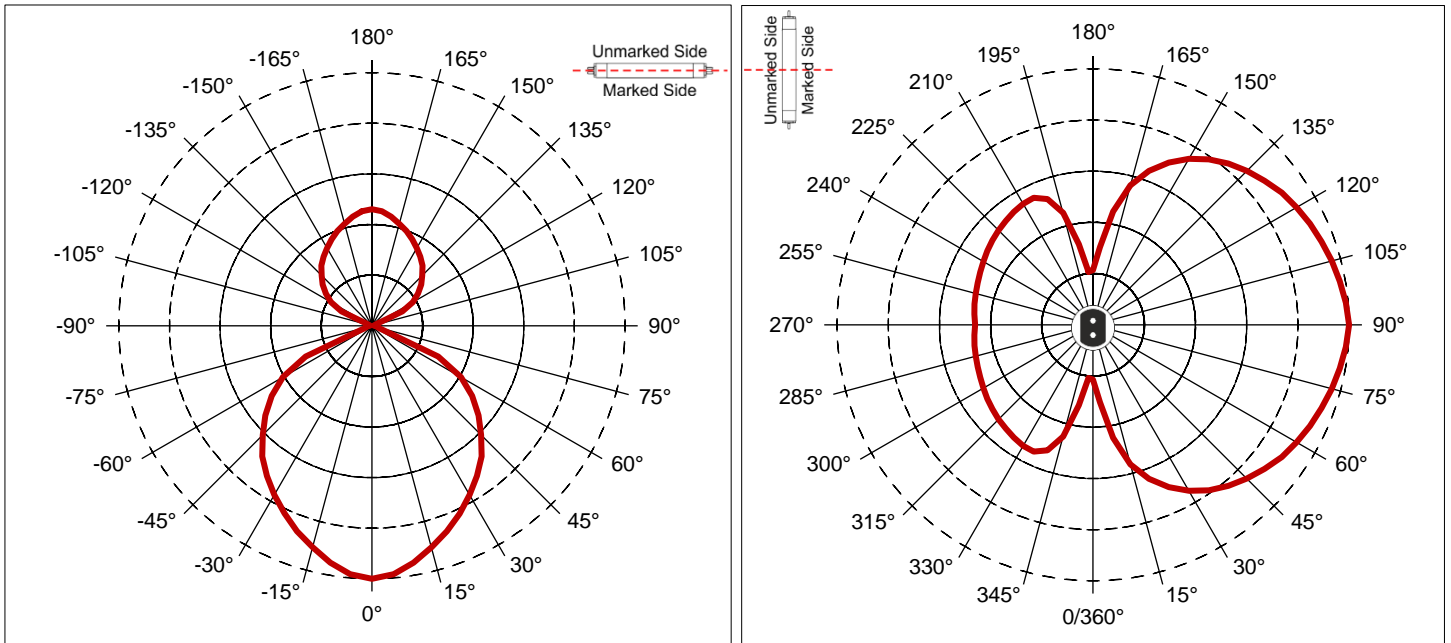
DATA SHEET

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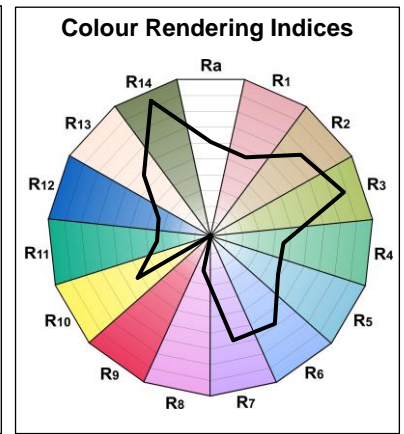
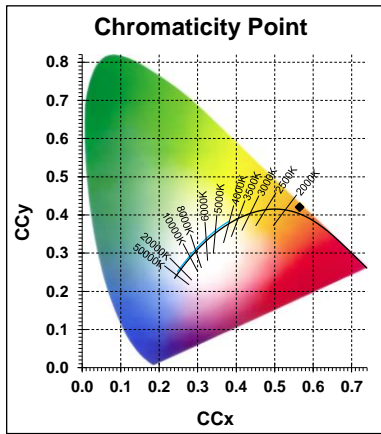
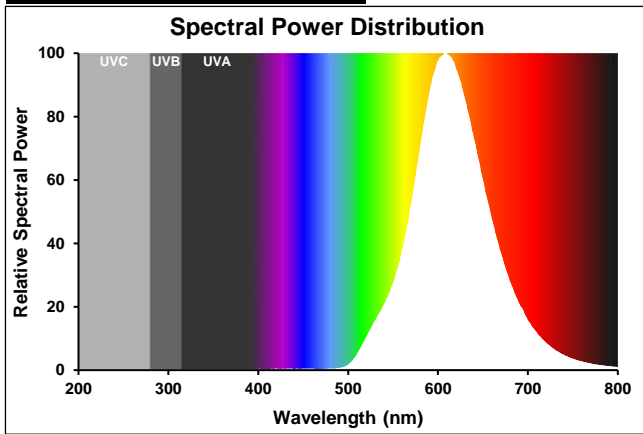
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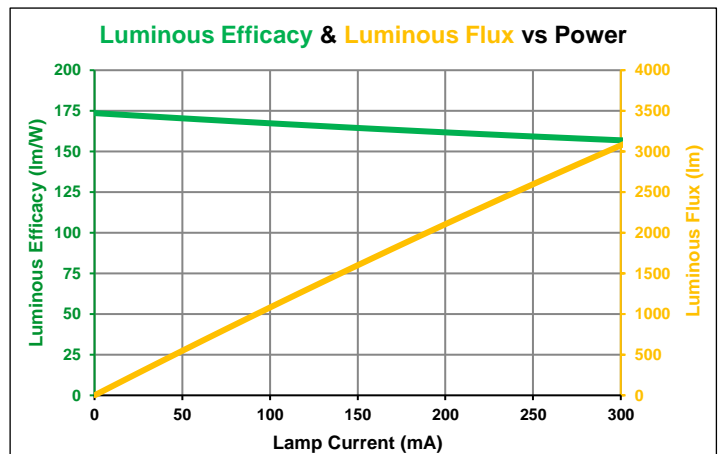
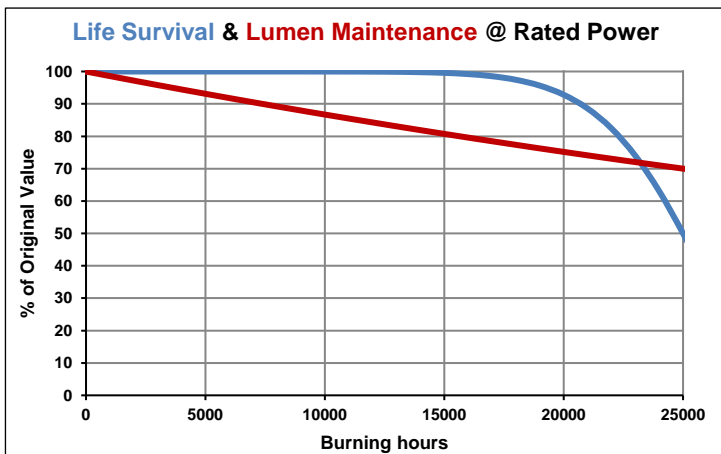
PHOTOMETRIC GRAPHICS:



SPECTRAL GRAPHICS:



PERFORMANCE GRAPHICS: (Under Consideration)



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