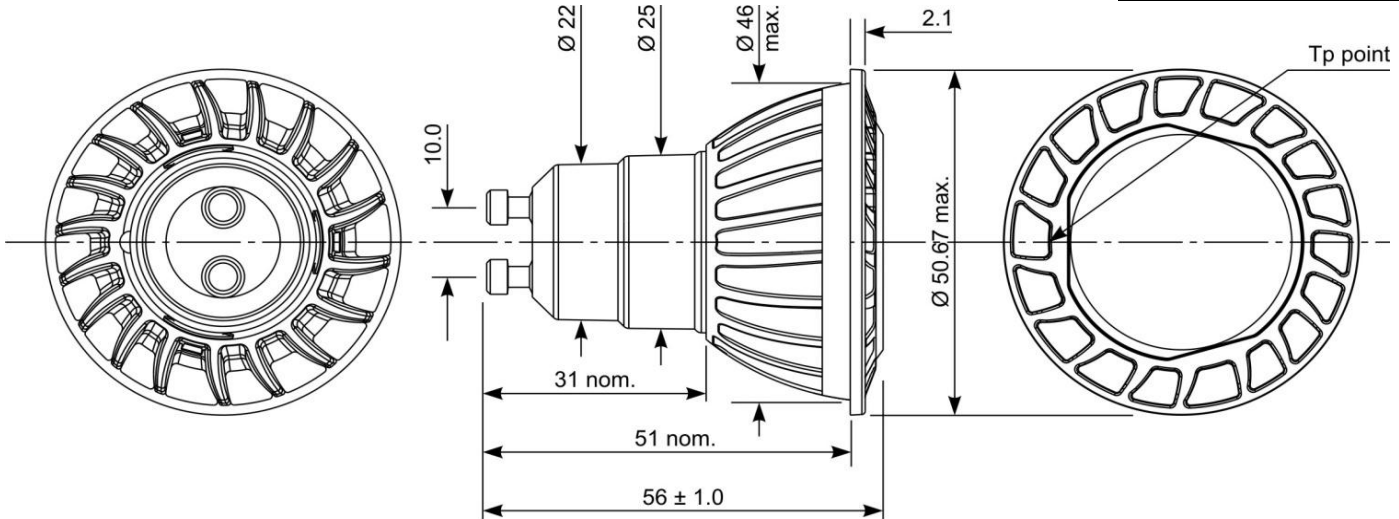




**DIMENSIONS (mm):**

Energy Class : **A+**



Bulb type : PAR16  
Cap type : GU10

Finish : Dark Silver  
Light Colour : 840 Cool White

**ELECTRICAL DATA:**

|                              |          | RATED   | MIN. | MAX. |
|------------------------------|----------|---------|------|------|
| Lamp Wattage                 | (W) :    | 6.5     | -    | 7.5  |
| Lamp Voltage                 | (V) :    | 230     | 198  | 254  |
| Lamp Current                 | (mA) :   | 35      |      |      |
| Power Factor                 | (λ) :    | 0.8     | 0.72 | -    |
| Supply Frequency             | (Hz) :   | 50 / 60 |      |      |
| Energy Consumption per 1000h | (kW/h) : | 6.5     |      |      |

**PHOTOMETRIC DATA:**

|                               |          |                     |                        |      |
|-------------------------------|----------|---------------------|------------------------|------|
| Beam Angle                    | (°) :    | 25                  | 19                     | 31   |
| Luminous Intensity            | (cd) :   | 2100                | 1575                   | 2625 |
| Useful Luminous Flux          | (lm) :   | 550                 | 495                    | -    |
| Useful Luminous Efficacy      | (lm/W) : | 85                  |                        |      |
| Correlated Colour Temperature | (K) :    | 4000                |                        |      |
| Colour Rendering Index        | (Ra) :   | 80                  | 77                     | -    |
| Red Colour Rendition          | (R9) :   | 20                  |                        |      |
| Chromaticity Co-ordinates     | (x,y) :  | CCx=0.377 CCy=0.368 | 6-step MacAdam Ellipse |      |

**OPERATING CONDITIONS:**

|                              |        |           |     |      |
|------------------------------|--------|-----------|-----|------|
| Ta Ambient temperature range | (°C) : | 25        | -20 | 70   |
| Tp Point                     | (°C) : | 75        | -   | 110  |
| Starting Time                | (s) :  | -         | -   | <0.5 |
| Warm-up Time to >95% Flux    | (s) :  | -         | -   | <1.0 |
| Burning Position             | :      | Universal |     |      |
| External Control Gear type   | :      | None      |     |      |

**LAMP LIFE:**

|                                    |       |         |
|------------------------------------|-------|---------|
| Average Life (L <sub>70F50</sub> ) | (h) : | 25 000  |
| Switching Cycles                   | (#) : | 100 000 |

**APPLICATION:** General lighting. Adaptive thermal control maintains lifetime in enclosed luminaires. Broad compatibility with dimmer switches / electronic timers / electronic switches. Complies with IEC62560, IEC62612, IEC62471, IEC61547, IEC61000, EN55015, EN62493.

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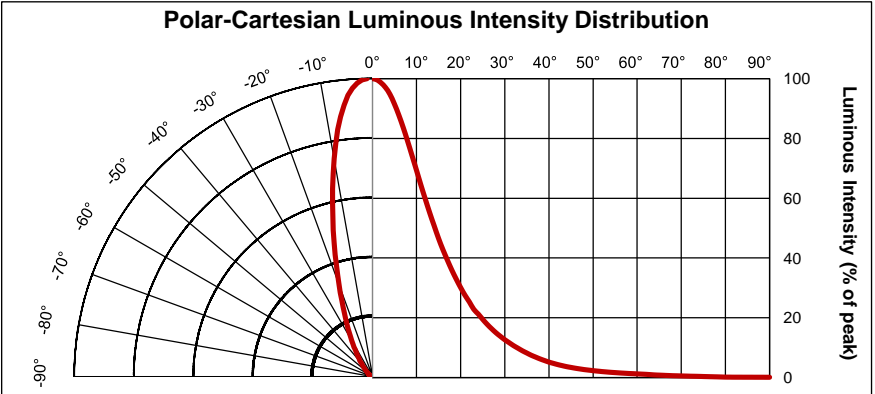
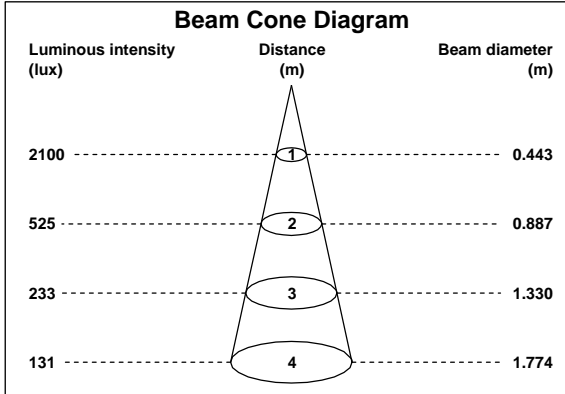
**DATA SHEET**

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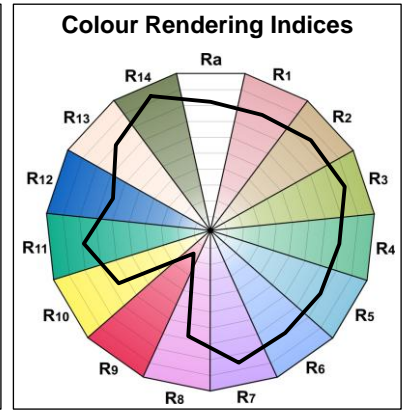
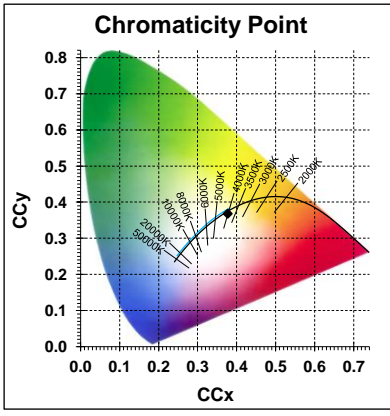
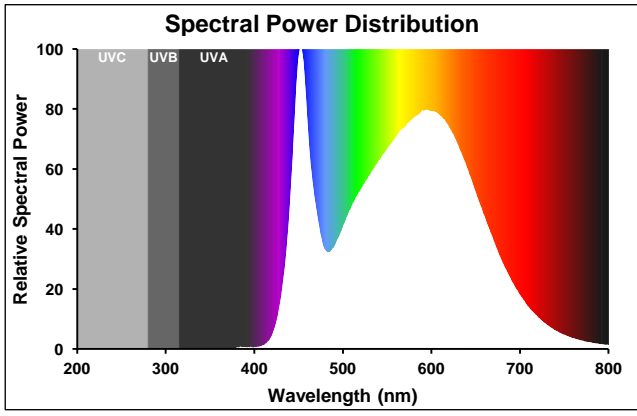
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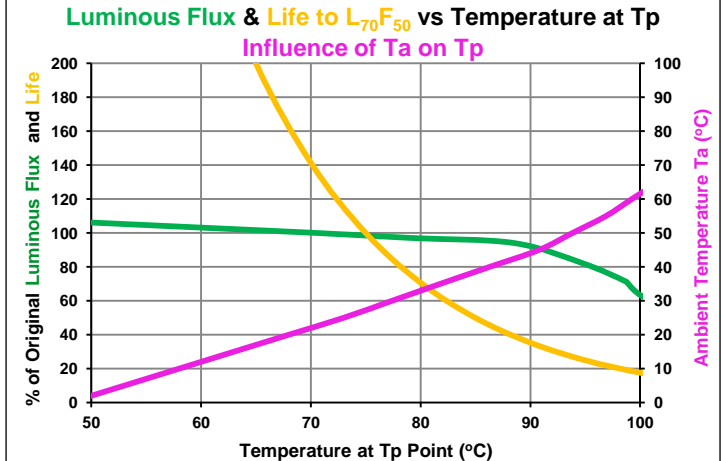
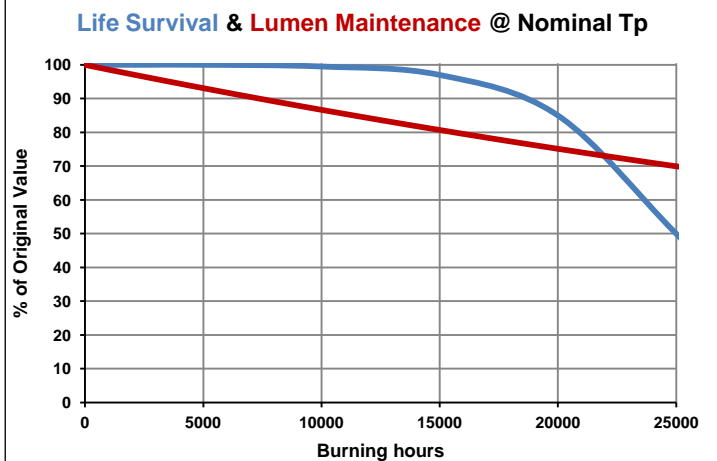
**PHOTOMETRIC GRAPHICS:**



**SPECTRAL GRAPHICS:**



**PERFORMANCE GRAPHICS:**



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**DATA SHEET**

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