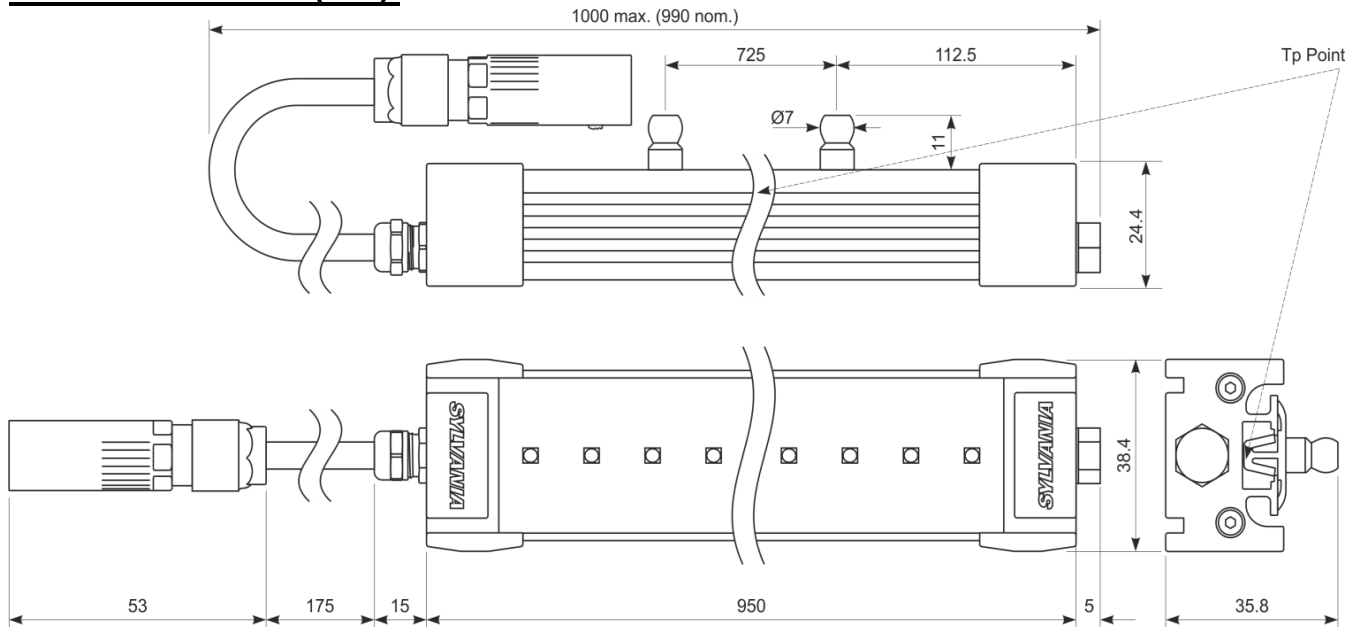




MECHANICAL DATA (mm):



Electrical Connector: Techno TH381 IP68 Male Mass: 850g
 Mechanical Connector: 7mm ball latch, see drawing Finish: Anodised Aluminium & Antireflex glass

ELECTRICAL DATA

| | | | RATED | MIN. | MAX. |
|------------------|------|---|-------|------|------|
| Power | (W) | : | 66 | 0 | 96 |
| Voltage | (V) | : | 47 | 46 | 48 |
| Current | (mA) | : | 1400 | 0 | 2000 |
| Supply Frequency | (Hz) | : | DC | - | - |
| Power Factor | (λ) | : | 1.0 | - | - |

PHOTOMETRIC DATA

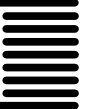
| | | | | | |
|---|-------------|---|------------------------|-------|-------|
| Beam Angle | (°) | : | 120 | 110 | 130 |
| Luminous Flux | (lm) | : | 4000 | 3600 | 4400 |
| Luminous Efficacy | (lm/W) | : | 60.8 | - | - |
| Photosynthetic Flux | (plm) | : | 27000 | 24300 | 29700 |
| Photosynthetic Efficacy | (plm/W) | : | 410 | - | - |
| Photosynthetic Photon Flux | (μmol/s) | : | 150 | 135 | 165 |
| Photosynthetic Photon Efficacy | (μmol/J) | : | 2.28 | - | - |
| Photosynthetic Photon Flux Density @ 1m | (μmol/s/m²) | : | 48 | - | - |
| Biologically Active Photon Flux | (μmol/s) | : | 165 | 149 | 182 |
| Biologically Active Photon Efficacy | (μmol/J) | : | 2.51 | - | - |
| Biologically Active Photon Flux Density @ 1m | (μmol/s/m²) | : | 52 | - | - |
| Spectrum B ₄₀₀₋₅₀₀ : G ₅₀₀₋₆₀₀ : R ₆₀₀₋₇₀₀ : FR ₇₀₀₋₈₀₀ | (%) | : | 23% : 13% : 57% : 6% | -2% | +2% |
| Chromaticity Co-Ordinates | (x,y) | : | CCx=0.334 CCy=0.212 | - | - |
| Colour Rendering Index | (Ra) | : | 22 | - | - |

THERMAL DATA:

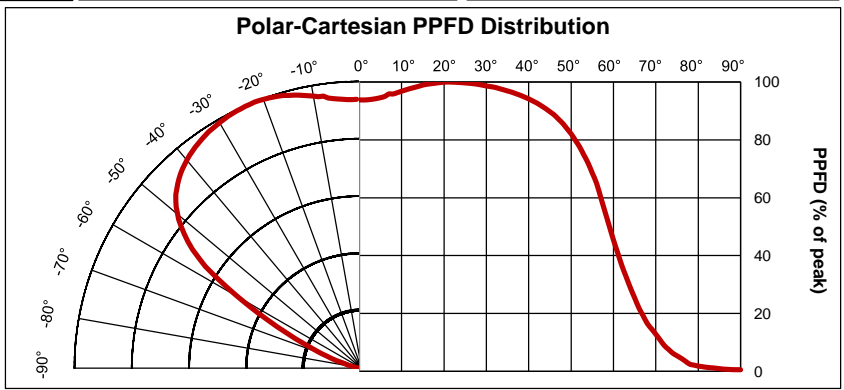
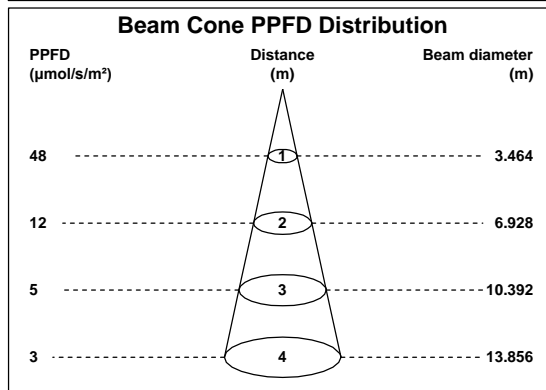
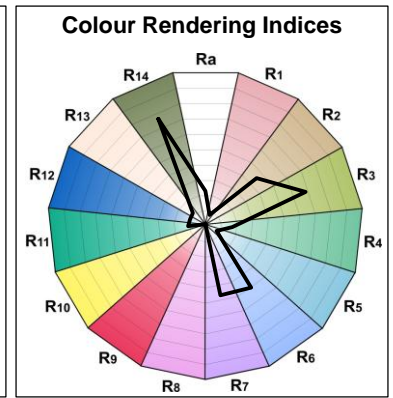
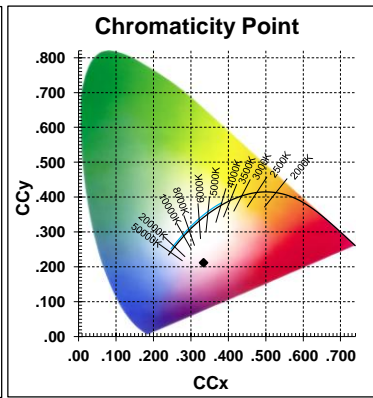
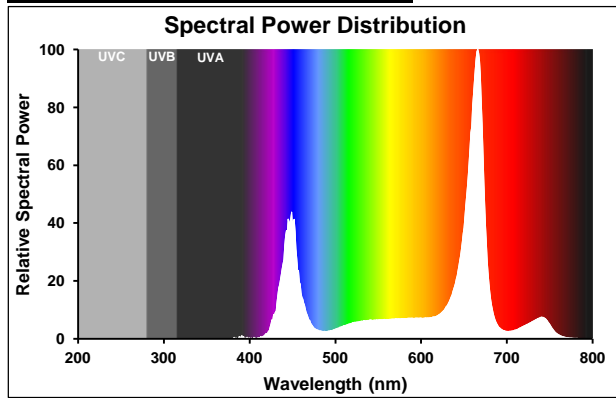
| | | | | | |
|---|------|---|----|-----|-----|
| T _j (LED Junction temperature) | (°C) | : | 60 | -40 | 120 |
| T _p (Performance temperature) | (°C) | : | 50 | -40 | 110 |

APPLICATION: LED Module for horticultural applications. IP66 construction suitable for humid environments.
 User-replaceable LED module for SELV applications. For operation with constant current driver.
 Complies with IEC 62717 & IEC 62471

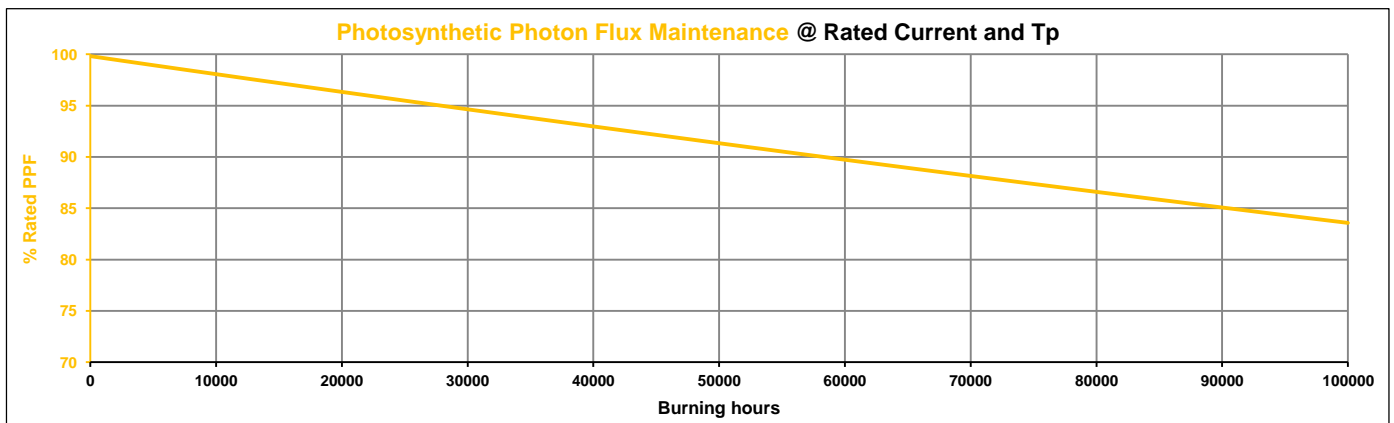
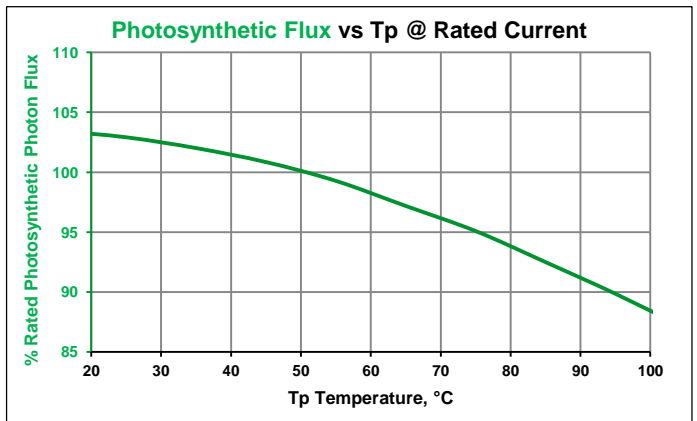
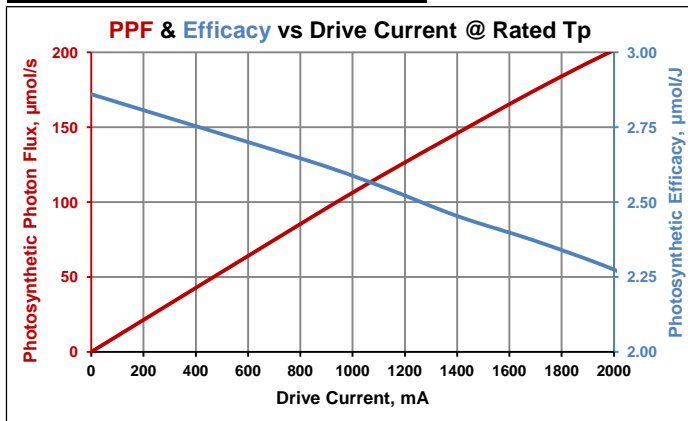
| | | | | |
|---------------|---------------|-------------------|-------------------|------------------|
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| Revision date | : 19-III-2018 | | Page | : 1 of 2 |



PHOTOMETRIC GRAPHICS:



PERFORMANCE GRAPHICS:



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