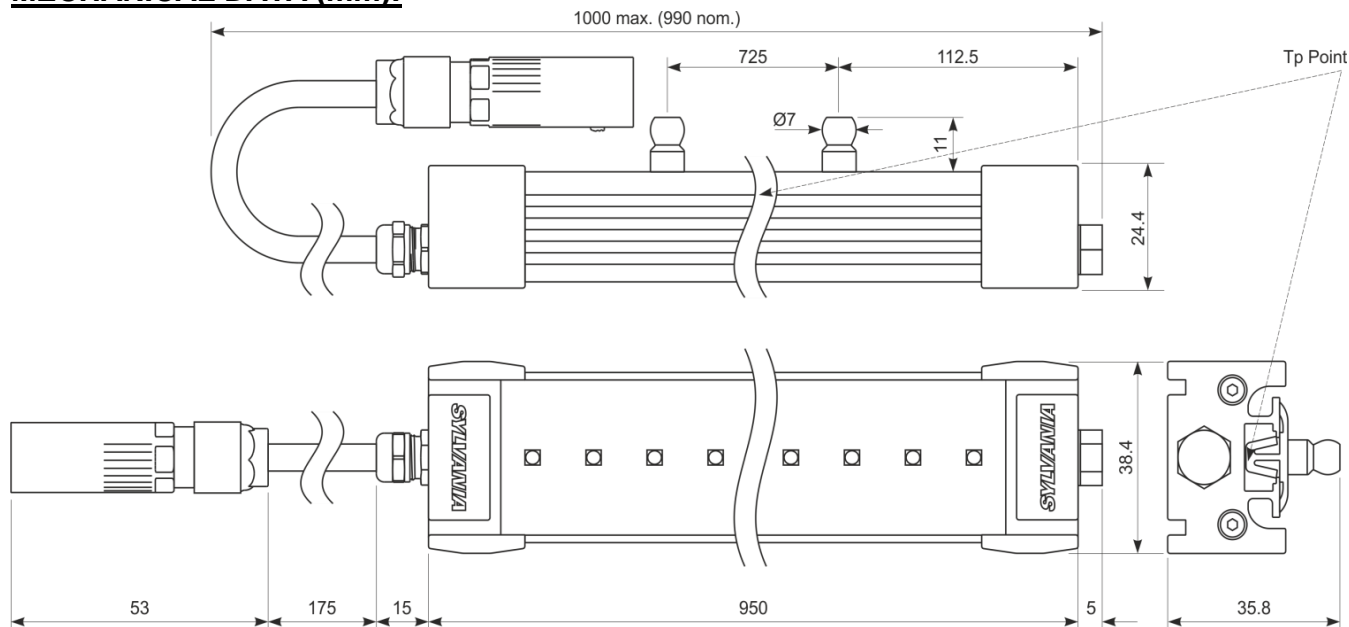




### MECHANICAL DATA (mm):



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)	:	59	0	86
Voltage	(V)	:	42	41	43
Current	(mA)	:	1400	0	2000
Supply Frequency	(Hz)	:	DC	-	-
Power Factor	(λ)	:	1.0	-	-

### PHOTOMETRIC DATA

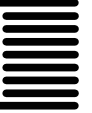
Beam Angle	(°)	:	120	110	130
Luminous Flux	(lm)	:	1800	1620	1980
Luminous Efficacy	(lm/W)	:	30.6	-	-
Photosynthetic Flux	(pμm)	:	32000	28800	35200
Photosynthetic Efficacy	(pμm/W)	:	544	-	-
Photosynthetic Photon Flux	(μmol/s)	:	180	162	198
Photosynthetic Photon Efficacy	(μmol/J)	:	3.06	-	-
Photosynthetic Photon Flux Density @ 1m	(μmol/s/m²)	:	57	-	-
Biologically Active Photon Flux	(μmol/s)	:	180	162	198
Biologically Active Photon Efficacy	(μmol/J)	:	3.06	-	-
Biologically Active Photon Flux Density @ 1m	(μmol/s/m²)	:	57	-	-
Spectrum B <sub>400-500</sub> : G <sub>500-600</sub> : R <sub>600-700</sub> : FR <sub>700-800</sub>	(%)	:	15% : 0% : 85% : 0%	-2%	+2%
Chromaticity Co-Ordinates	(x,y)	:	CCx=0.395    CCy=0.135	-	-
Colour Rendering Index	(Ra)	:	0	-	-

### THERMAL DATA:

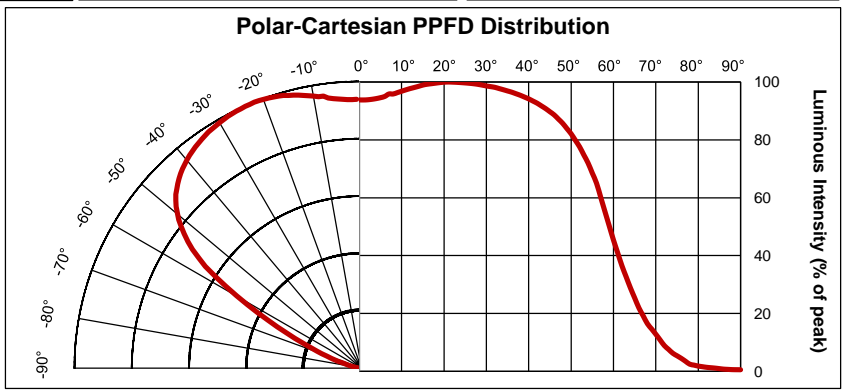
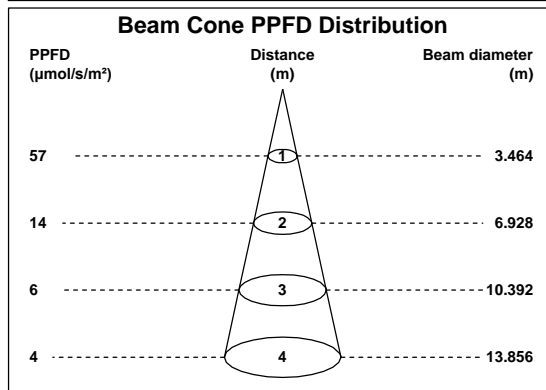
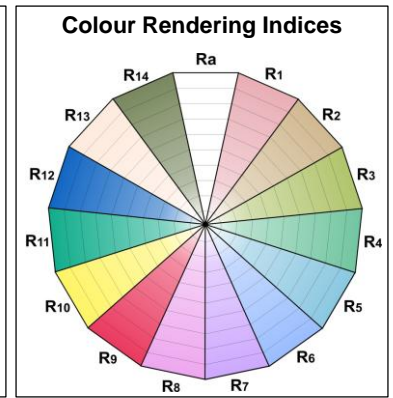
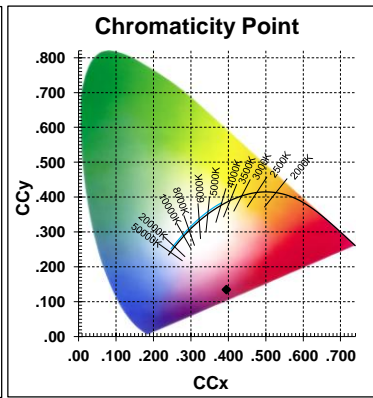
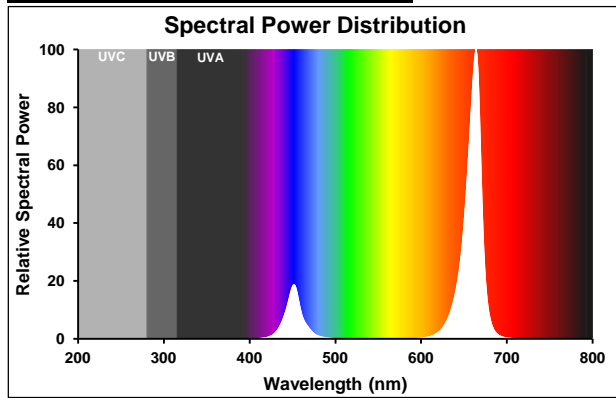
T <sub>j</sub> (LED Junction temperature)	(°C)	:	55	-40	120
T <sub>p</sub> (Performance temperature)	(°C)	:	45	-40	110

**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

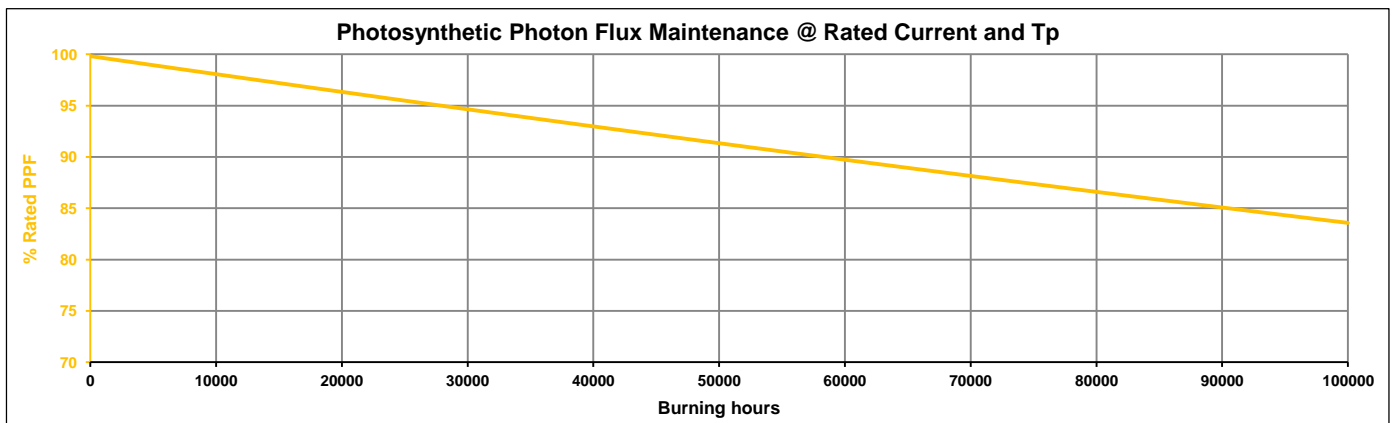
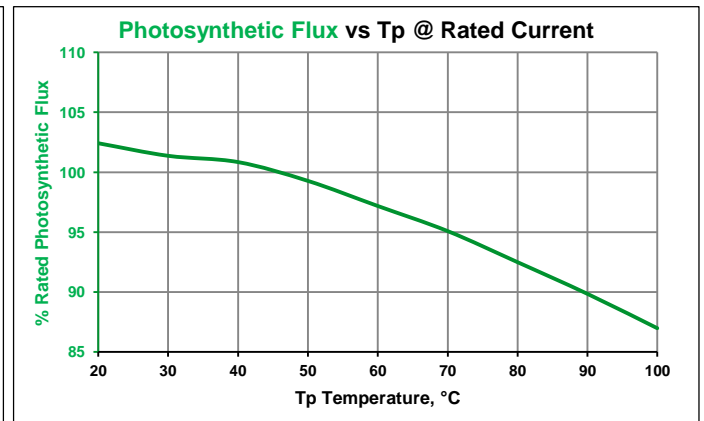
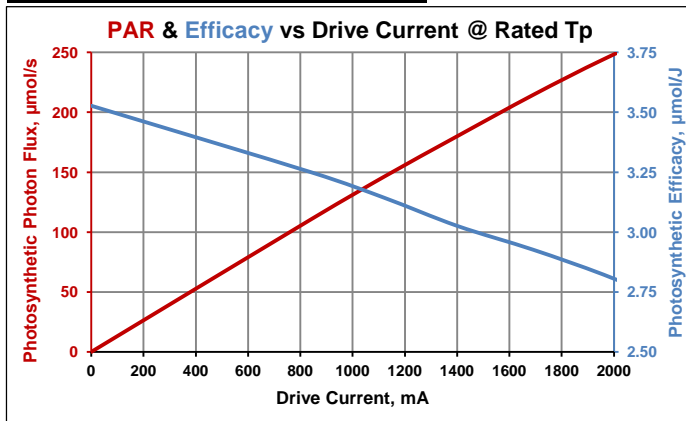
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Revision date	: 19-III-2018		Page	: 1 of 2



## PHOTOMETRIC GRAPHICS:



## PERFORMANCE GRAPHICS:



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Revision date : 19-III-2018

## DATA SHEET

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