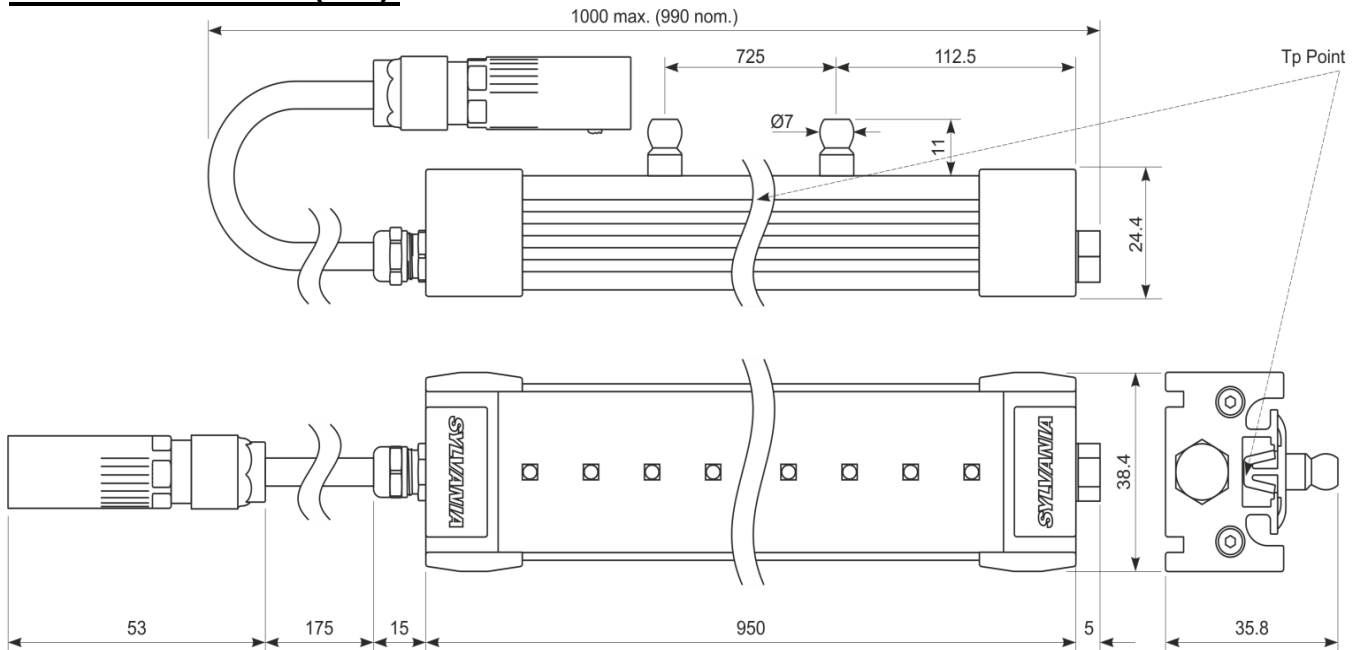


MECHANICAL DATA (mm):



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:

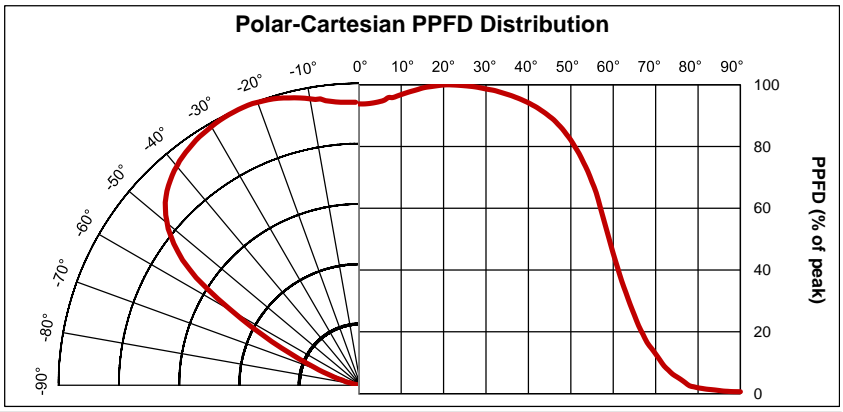
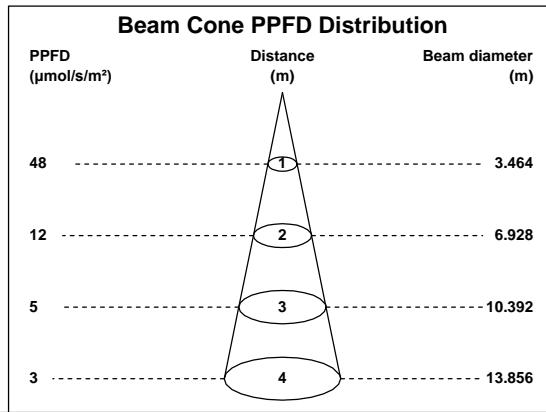
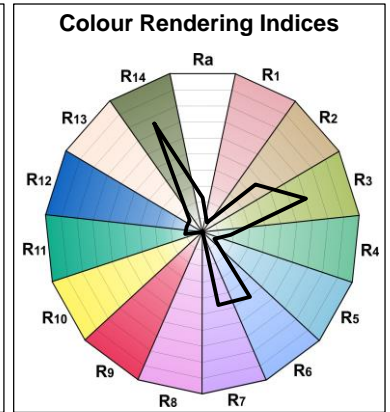
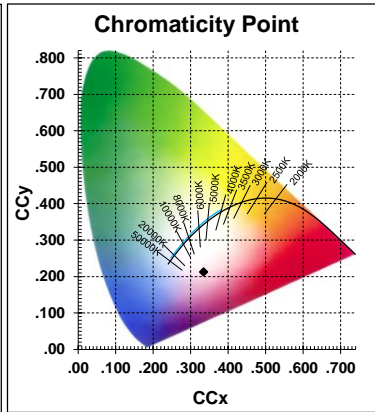
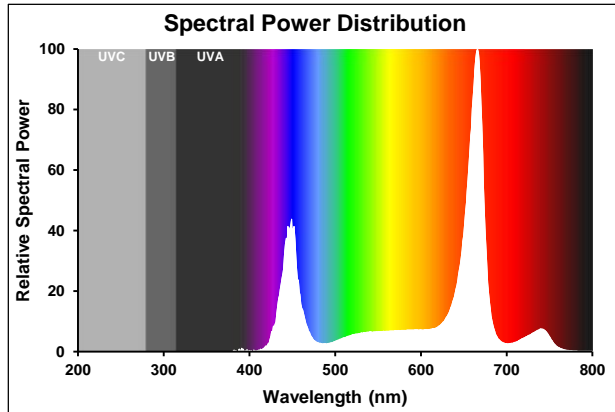
T _j (LED Junction temperature)	(°C)	:	60	-40	120
T _p (Performance temperature)	(°C)	:	50	-40	110

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

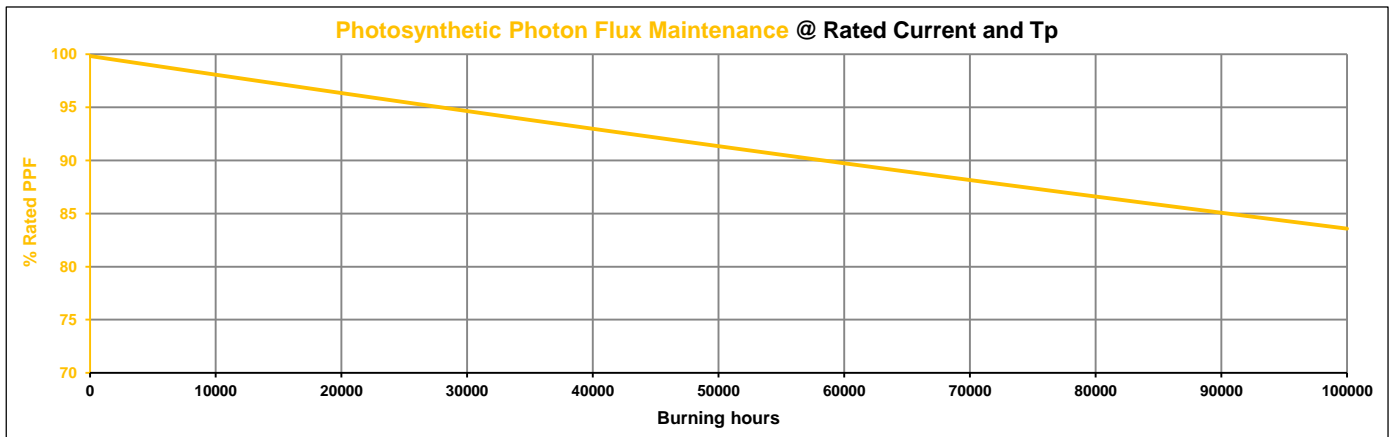
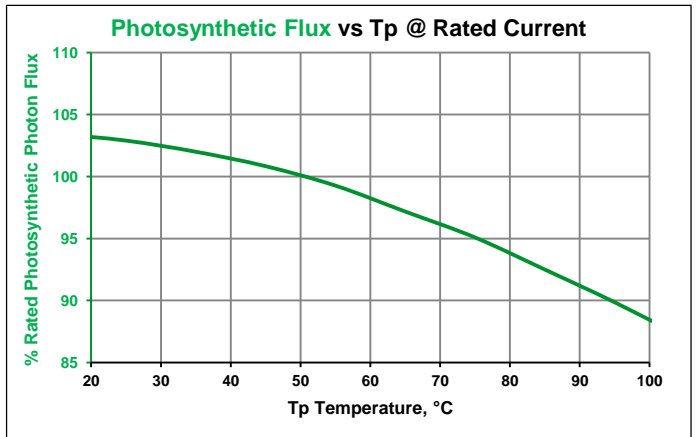
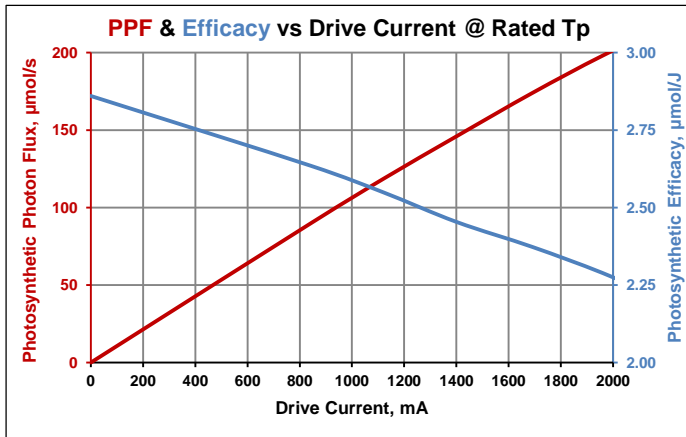
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PHOTOMETRIC GRAPHICS:



PERFORMANCE GRAPHICS:



Issued by : TIENEN
 Revision date : 07-V-2020

DATA SHEET

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