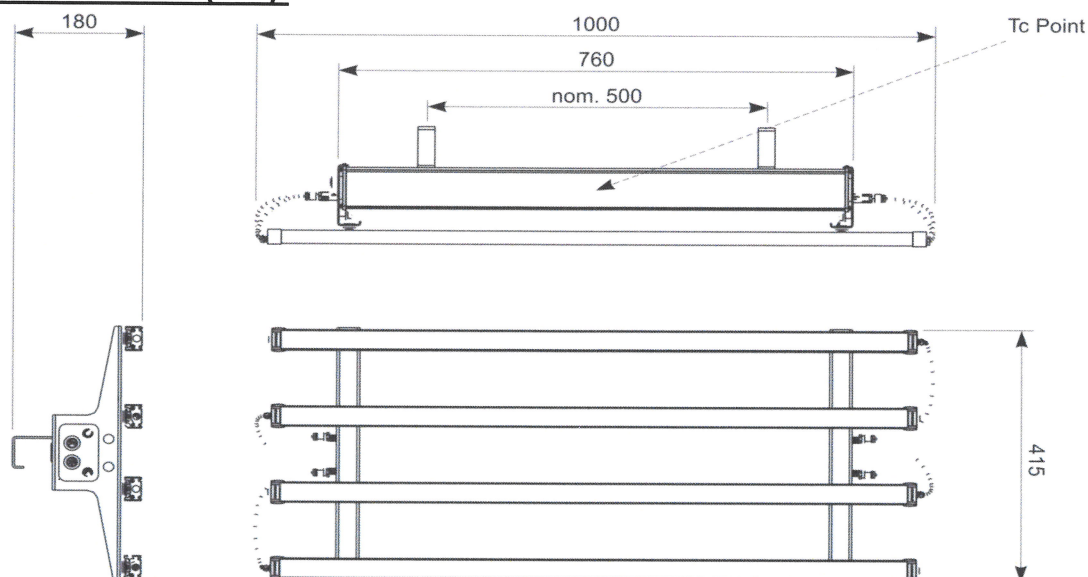


# SYLVANIA LED Fixture GroLux Linear 4x Vegetative Spectrum



## MECHANICAL DATA (mm):



AC In+Out Connectors: Wieland 46.032.5053.1 & 46.031.5053.1      Mass: 8.3kg (including 4x modules)  
 DC Output Connectors: 4x Techno THB.381.P2A      Finish: Anodised aluminium, natural  
 Dimming Connectors: 2x Wieland 46.031.5051.6      Dim System: 0-10V

## ELECTRICAL DATA

			RATED	MIN.	MAX.
Mains Power	(W)	:	263	26	263
Mains Voltage	(V)	:	230	100	277
Mains Current	(A)	:	1.21	0	2000
Mains Power Factor	(λ)	:	0.95	-	-
Mains Inrush Current (I <sup>2</sup> t)	(A)	:	-	-	7.5A <sup>2</sup> s (1.26ms)
Mains Frequency	(Hz)	:	50	47	63
Output Current	(mA)	:	1400	1330	1470
Quantity of Drivers / Outputs		:	2 identical LED modules to be connected to DC outputs each side		
Internal Mains Feedthrough		:	Up to 10 luminaires may be interconnected on 230V mains.		

## PHOTOMETRIC DATA

Beam Angle	(°)	:	120	110	130
Photosynthetic Flux	(p $\ell$ m)	:	128000	115200	140800
Photosynthetic Efficacy	(p $\ell$ m/W)	:	486	-	-
Photosynthetic Photon Flux	( $\mu$ mol/s)	:	720	648	792
Photosynthetic Photon Efficacy	( $\mu$ mol/J)	:	2.73	-	-
Photosynthetic Photon Flux Density @ 1m	( $\mu$ mol/s/m <sup>2</sup> )	:	228	-	-
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>c</sub> (Fixture case temperature)	(°C)	:	40	-	-
T <sub>d</sub> (Internal LED Driver temperature)	(°C)	:	70	-	-

**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

Issued by : TIENEN

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## DATA SHEET

Specification No. : 72-X-0020909/C

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SYLVANIA reserves the right to change data and specifications without notice.  
 Data for guidance only.

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