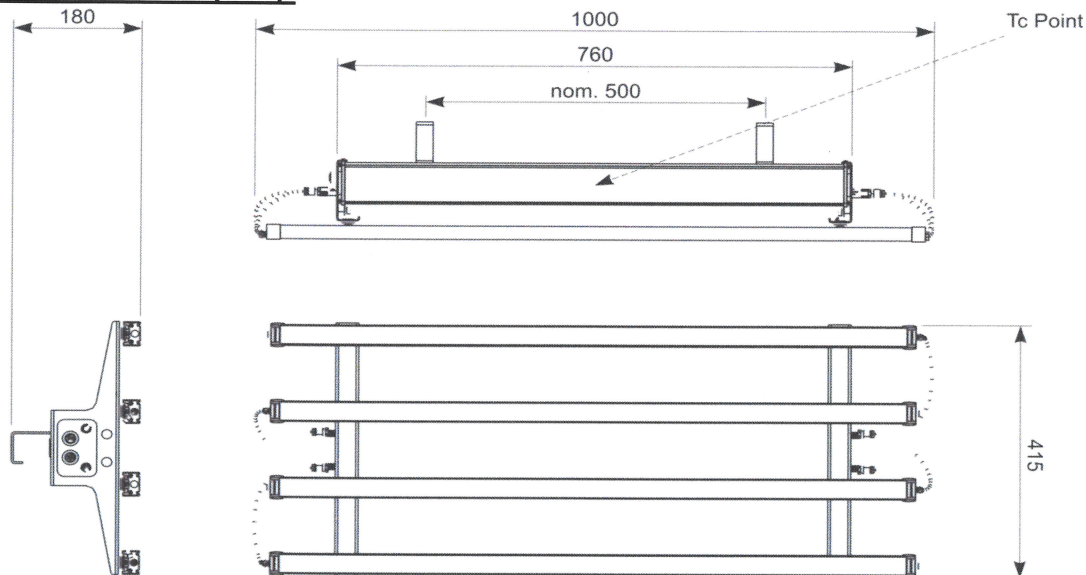




MECHANICAL DATA (mm):



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)	:	295	-	-
Mains Voltage	(V)	:	230	100	277
Mains Current	(A)	:	1.35	1.67	4.65
Mains Power Factor	(λ)	:	0.95	-	-
Mains Inrush Current (I ^{2t}) / Duration		:	-	-	7.5A ² s / 1.26ms
Mains Frequency	(Hz)	:	50	47	63
Output Current	(mA)	:	1400	-	-
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 μ m)	:	108000	97200	118800
Photosynthetic Efficacy	(p μ m/W)	:	366	-	-
Photosynthetic Photon Flux	(μ mol/s)	:	600	540	660
Photosynthetic Photon Efficacy	(μ mol/J)	:	2.04	-	-
Photosynthetic Photon Flux Density @ 1m	(μ mol/s/m ²)	:	190	-	-
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 _c (Fixture case temperature)	(°C)	:	40	-	-
T _d (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

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DATA SHEET

Specification No. : 72-X-0020909/C

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