

LIGHT ENGINE 2x2 16 LEDS RB

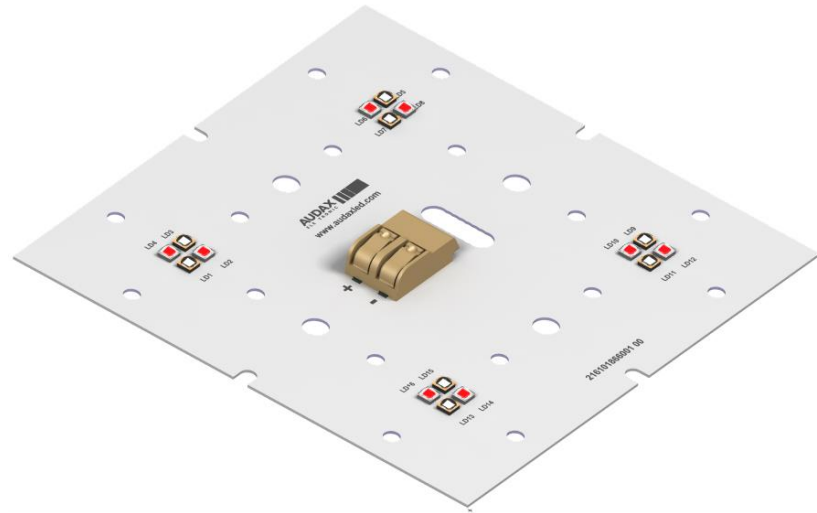
Issue Date	May 2018
Issued by	V. Malassise

Applications

- Green Houses
- Grow Rooms
- General lawn
- Sports field maintenance
- DLI supplementation

Characteristics

- Max. Input: 1,050mA
- L70 > 50.000 hours
- 05 years warranty
- Cooling requested
- Precised customized light formula
- IP66 (with optics + heatsink)

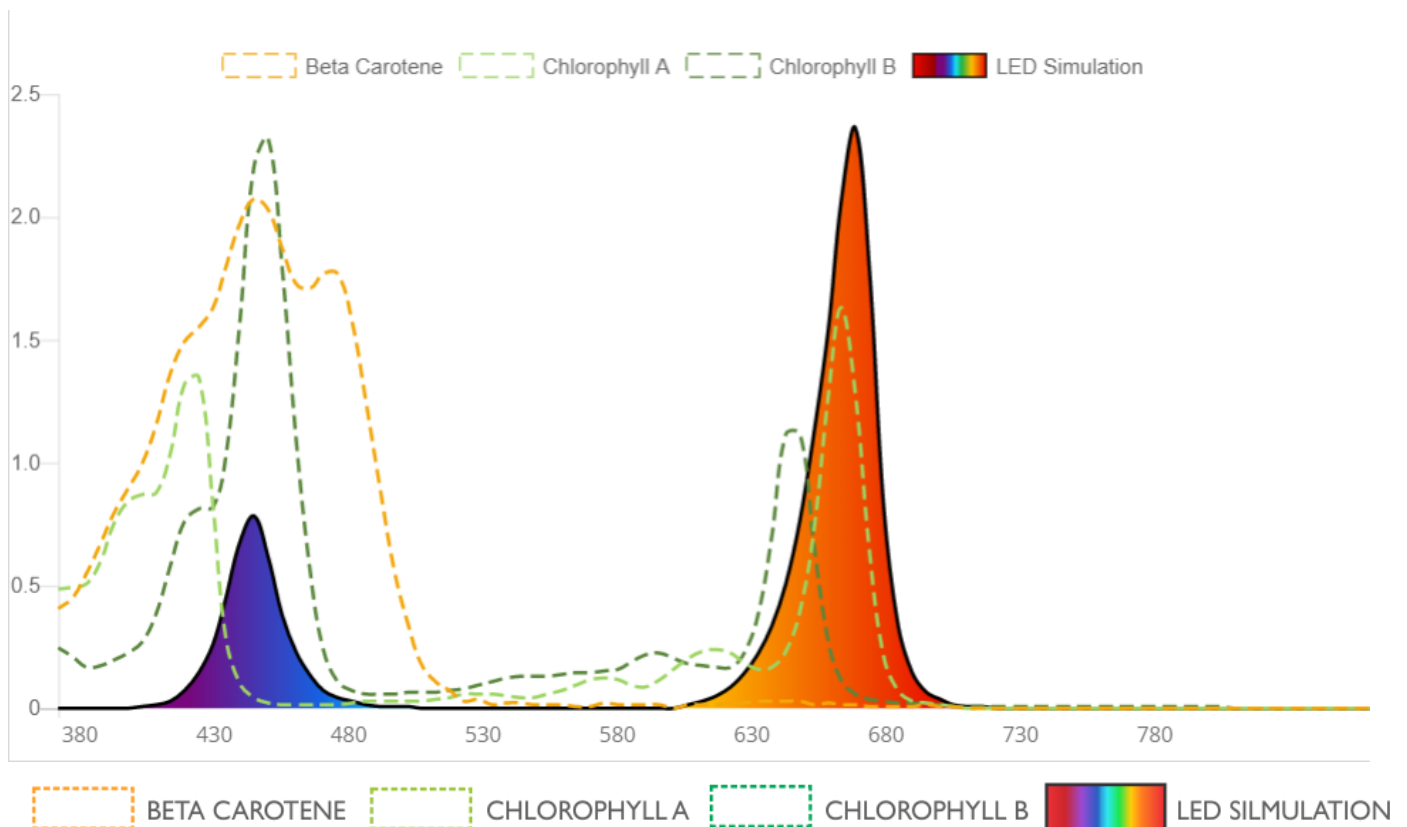


TECHNICAL INFORMATION

PRODUCT	PART NUMBER	# LEDS	WAVELENGTH	Photon Flux*	If Nom. (mA)	TC	Power (W)	Efficacy (PPF/W)
						(°C)		
Light Engine 2x2 16 LEDs Deep Red + Royal Blue	80111200100	16	440+660nm	82.4 μmols/s	1,050	85	42.9	1.9

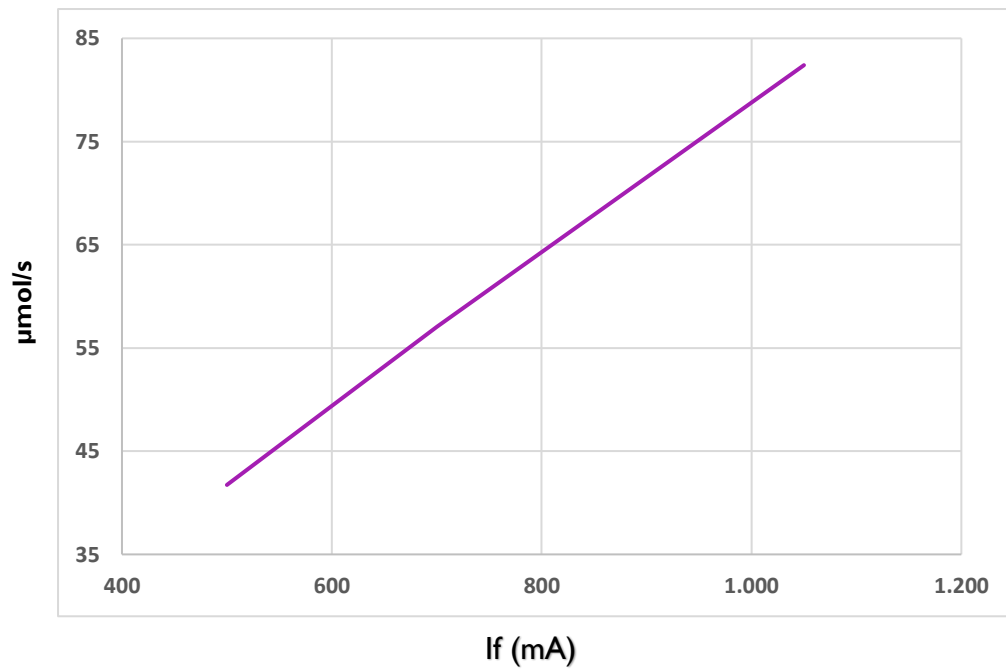
*Photon Flux between 400-800nm

SPECTRAL DISTRIBUTION

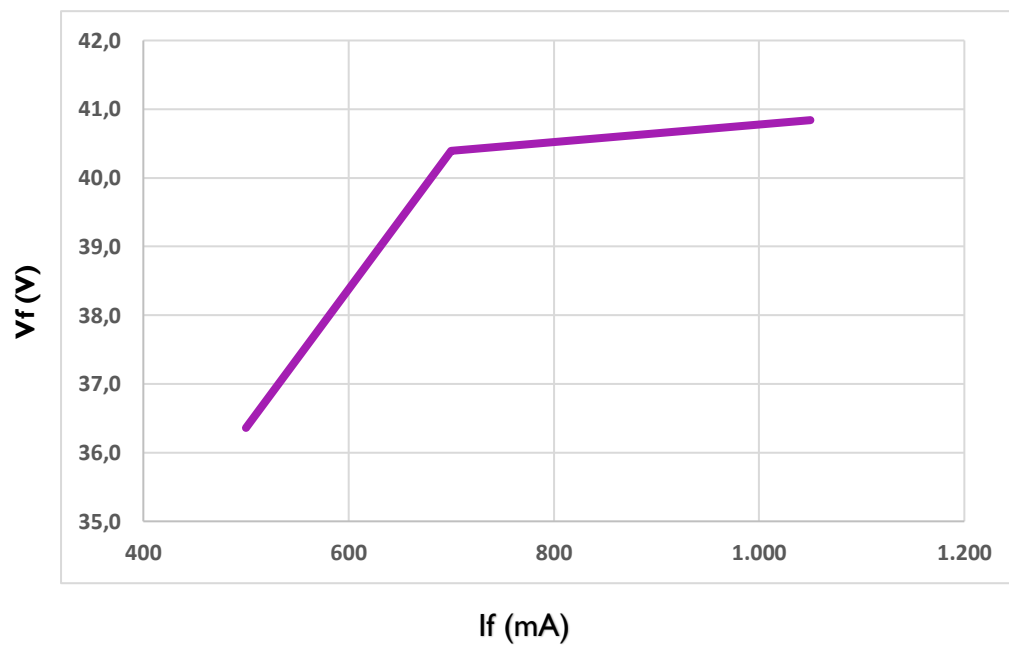


GRAPH

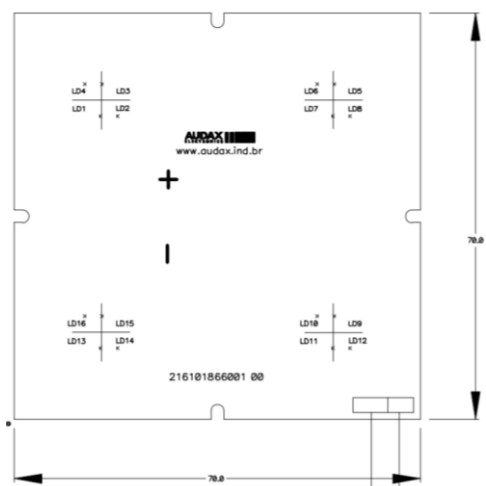
Input Current (mA) x Phosynthetic Photon Flux ($\mu\text{mol/s}$)



Input Current (mA) x Forward Voltage (V)



MECHANICAL DRAWING



COMPATIBLE COMPONENTS

OPTICS:

LEDiL's CSI5759_HB-2X2MX-8-W

LEDiL's CSI5765_HB-2X2MX-8-WWWW

LEDiL's CSI5767_HB-2X2MX-8-M



HEATSINK:

MECHATRONIX COOLBLOCK® SQ-01 2X2MX-B



APPLICATION

Green Houses



Grow Rooms

