



Specter In-Track Adapter

GA-9409TW-700-30-CBU-3-YY



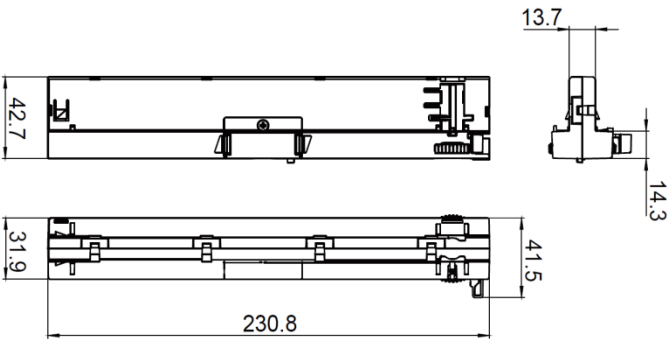
CASAMBI

UL File No: E340871

Feature	*BLE 4.1 with BLE Beacon technology *Designed to work with CASAMBI Bluetooth dimmable *5 Year Warranty
Adapter	Stucchi 9409-4-DRI-SM/
Compatible track system	-NA Globaltrac pro -Concord -Eutrac 25101 -Hoffmeister -IG STD 677 -Ivela -Stucchi -Unipro T3
LED Driver Specification	120-277 V, 15-40V, 200/400/500/700 mA
Dimming / Control	CASAMBI Bluetooth dimmable

Mechanical

* Dimension in metrics



Macron Associate Co. – Power Supply Team

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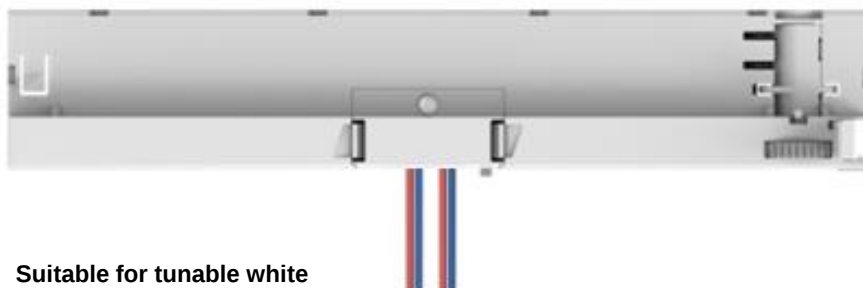
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SPECIFICATIONS

■ Wiring Diagram



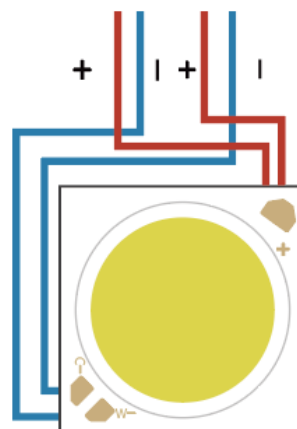
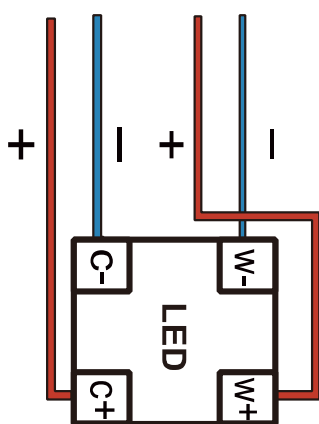
Suitable for tunable white
and 2 channel



CASAMBI Bluetooth dimmable

(A) 4 contact tunable white COB/engine

(B) 3 contact tunable white COB



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1. Input - specification

	Units	Minimum	Typical	Maximum	Notes
Input Voltage Range(Vin)	Vac	108	120-277	304	
Input Frequency Range	Hz	50	60	63	
Input Power	W		33		
Power Factor(PF)		0.9	>0.9		From 100% to 80% of rated power
Input Current	A	-	-	0.28A@120VAC 0.12A@277VAC	
Inrush Current	A	Meet NEMA 410 requirements			See the inrush current information
Total Harmonics Distortion (THD)				20%	At nominal input voltage and nominal LED voltage
Efficiency		-	> 84%	-	Efficiency is measured after driver has thermally stabilized + full load
Isolation	Meet UL1310/UL8750 for class 2 isolation power supply				

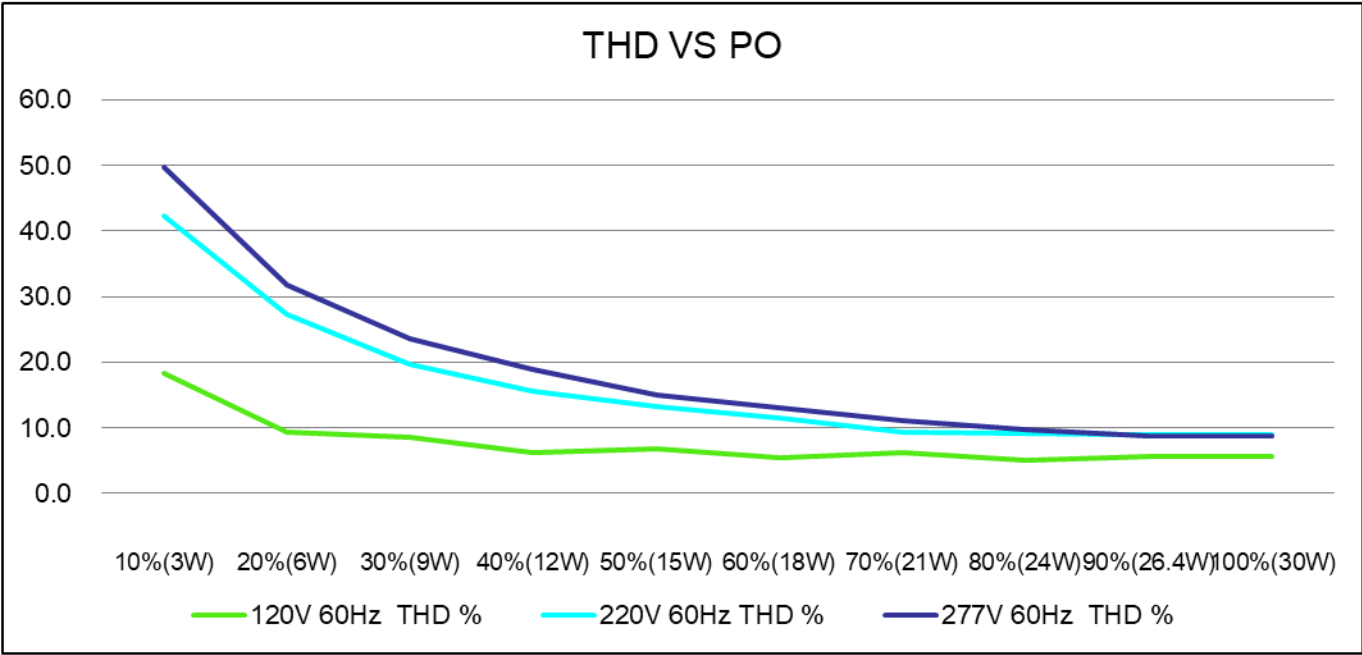
2. Output - specification

	Units	Minimum	Typical	Maximum	Notes
Output Voltage(Volt)	Vdc	15		40	
Output Current(Iout)	mA		200/400/500/700		
Output Current Tolerance	%		±3		
Output Ripple Current	< 30% peak-to-peak of 200/400/500/700 mA				≤ 20% pk-to-pk of the rated output current for all models with Vout max ≥ 30V
					≤ 50% pk-to-pk of the rated output current for all models with Vout max ≤ 30V
					At nominal LED voltage and nominal input voltage without dimming
Dimming Range	%	1%		100%	Please refer to Dimmer compatibility list
Star-up Time	ms		100-200		- Measured at the Maximum load and normal input voltage. - Complies with California title 24 and Energy star® luminaire specification.
Isolation	Meet UL1310/UL8750 for class 2 isolation power supply				
Operation Case Temperature	°C	-30		80C	
Audible Noise	dB	< 24dB Class A			

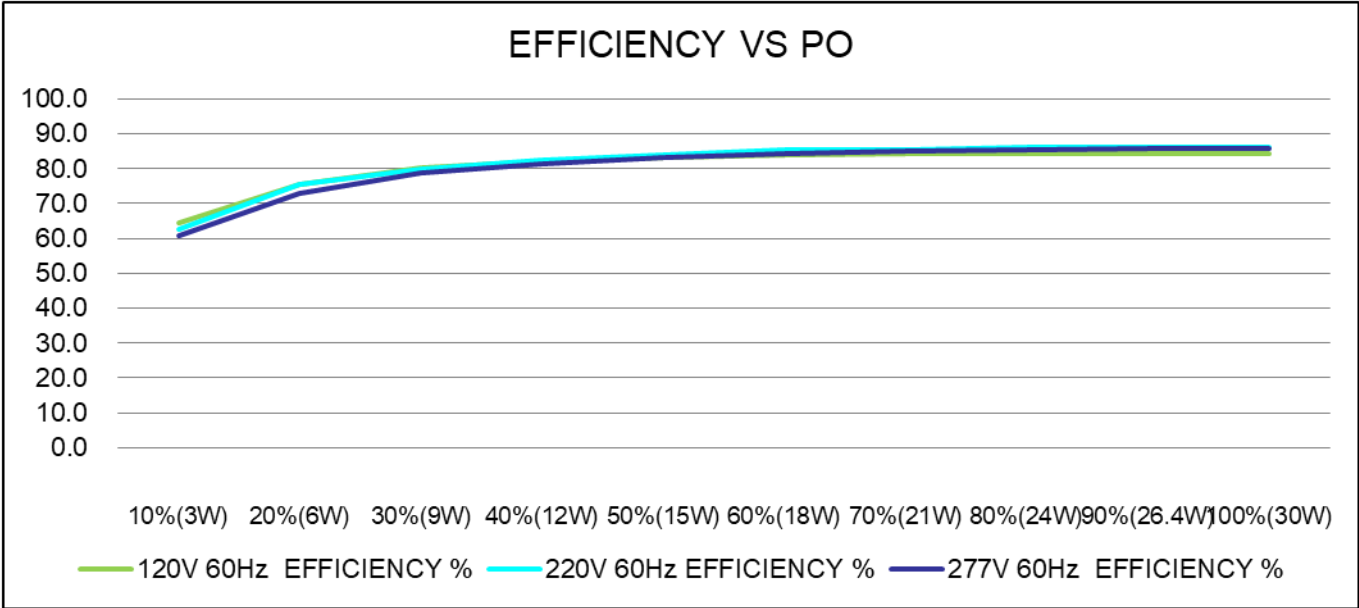
3. EMC / Protection / Compliance

Conducted and Radiated EMI		FCC CFR Title 47 Part 15 Class B and EN55015(CISPR 15) Class B compliant	
Immunity Compliance	ESD (Electrostatic Discharge)	IEC61000-4-2	6 kV contact discharge, 8 kV air discharge, level 3
	Electrical Fast Transient	IEC61000-4-4	±2 kV on AC power port for 1 minute, ±1kV on signal/control lines
	Surge	IEC61000-4-5	±2kV line to line/±2kV line to earth on AC power port, ±0.5kV for outdoor cables
Transient Protection	Ring Wave		ANSI/IEEE c62.41-1-2002 & c62.41-2-2002 category A, 2.5kV ring wave

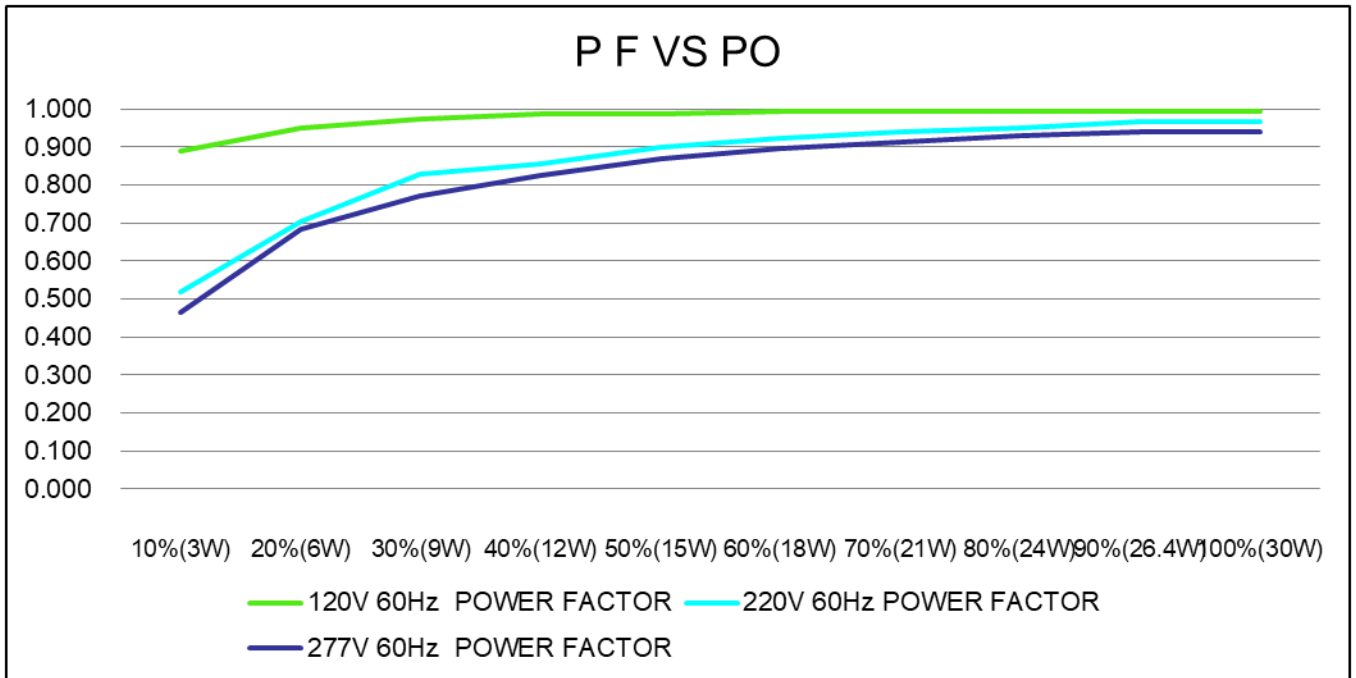
THD of the driver VS Power Output (W) :



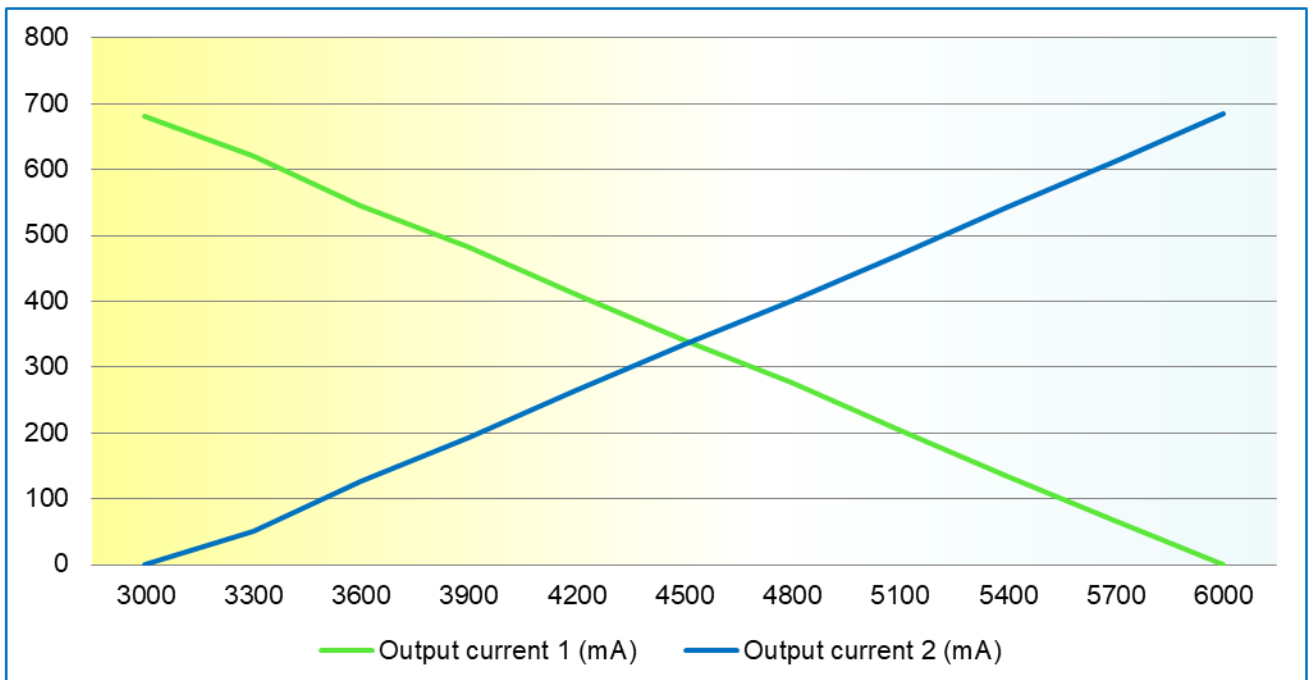
Efficiency of the driver VS Power Output (W) :



Power Factor VS Power Output (W):



Dimming Output Current (mA) vs CCT



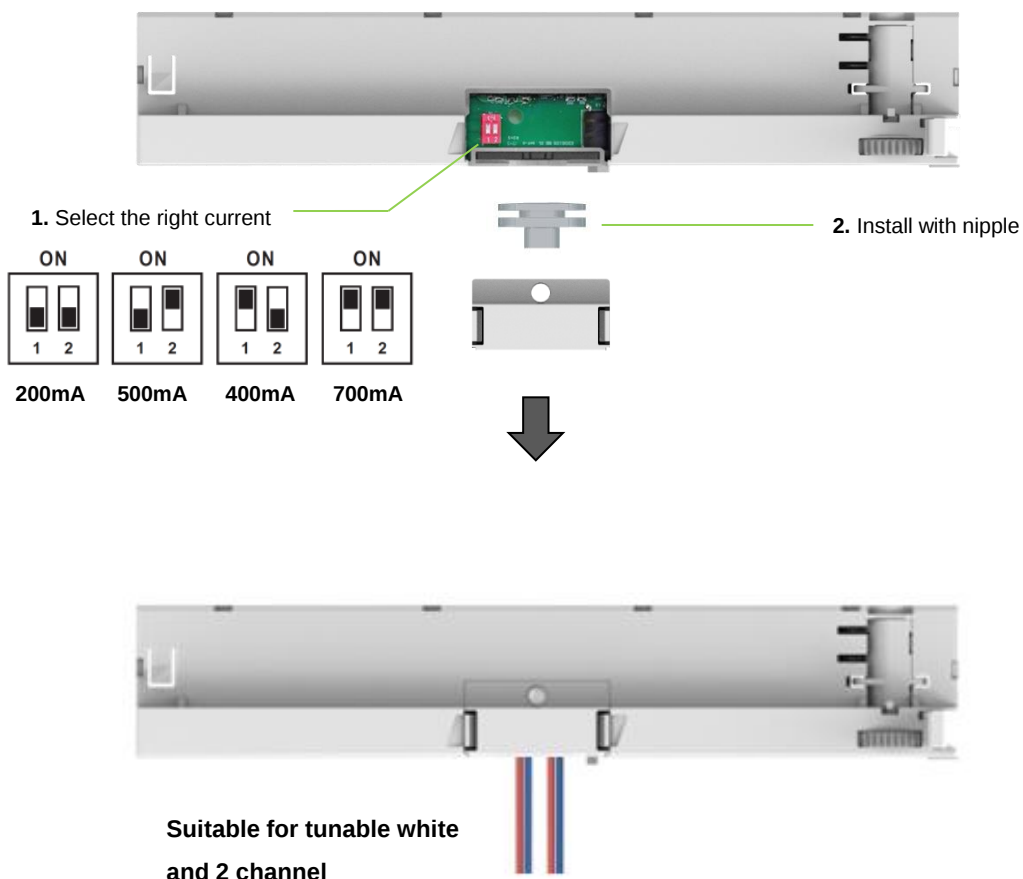
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■ Installation Notes



Lifetime VS Tcase of Driver

