

Artco Series



LM80

3/5 Yrs
Warranty



SAA

IP20

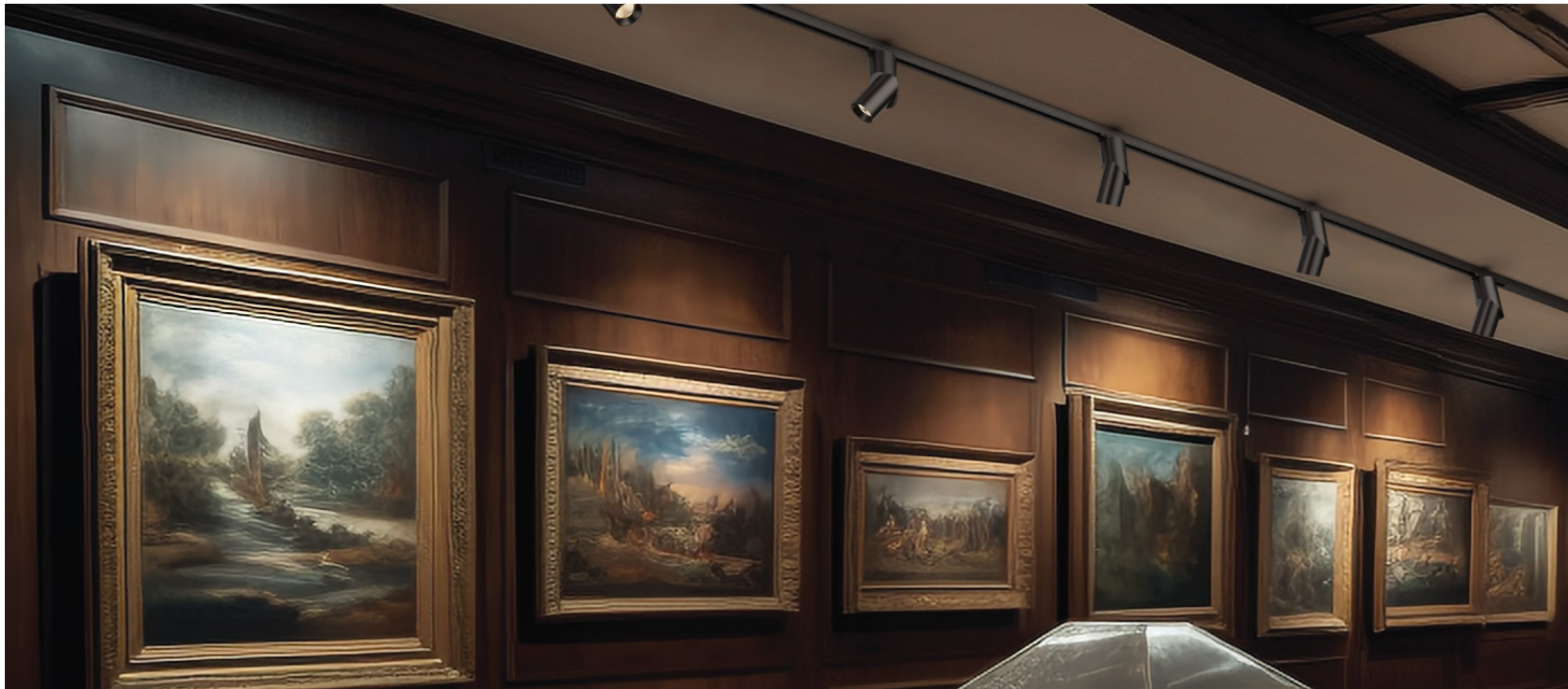
TUV

5/216 Blackshaws Rd
Altona North VIC 3025 Australia

Phone: 1300 650 625
Email: enquiries@greenlux.com.au

Facebook: [greenluxlighting](https://www.facebook.com/greenluxlighting)
Twitter: [GreenluxLED](https://twitter.com/GreenluxLED)

www.greenlux.com.au
www.greenluxstore.com.au



Introduction

This Artco series features a sleek and refined design with a professional lighting output. The lighting and power components are designed independently to enhance heat dissipation and overall lamp performance. It utilizes a modular lamp body compatible with three installation options: track, pendant surface, and surface-mounted. Additionally, the lamp body offers 90-degree vertical rotation and over 315-degree horizontal rotation, enabling precise directional focus lighting.

Features

- Two size options: Ø65mm, Ø85mm
- Multiple installation ways: track/ surface pendant/ surface mounted
- Honeycomb cover available for UGR<19
- Interchangeable CCT(3000K+4000K+5000K) with DIP switch
- Finished color: RAL9016 White, RAL9005 black
- Internal flicker free driver for on / off, Triac dim and DALI dim

Application Areas

Applicable for commercial lighting in office, hotel, restaurant, shops, supermarket, art-gallery, museum, etc; Also suitable for residential lighting for bedroom, living room, corridor, etc.

DYI Design

Pendant

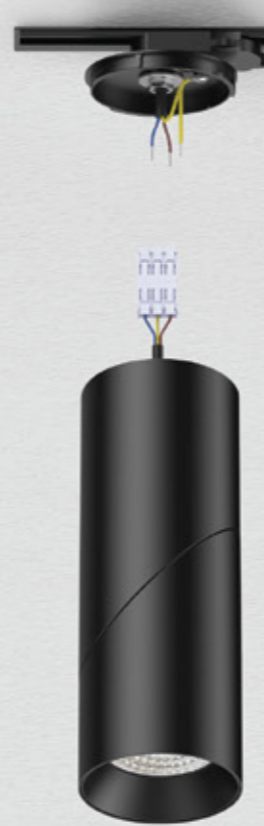


Surface mount



Module

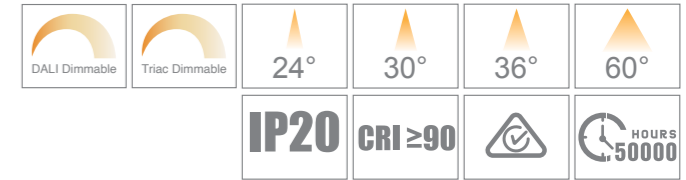
Track (Standard)



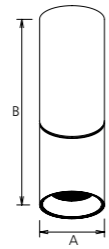
Track (Dali)



Measurement

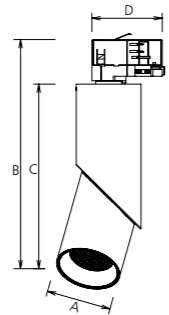


GUART-SM



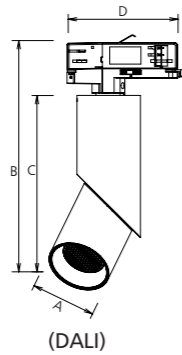
Code	Dimension(mm)		Size(mm)
	A	B	
GUART-SM-65	Ø65	206	Ø65*206
GUART-SM-85	Ø85	232	Ø85*232

GUART-TL



Standard

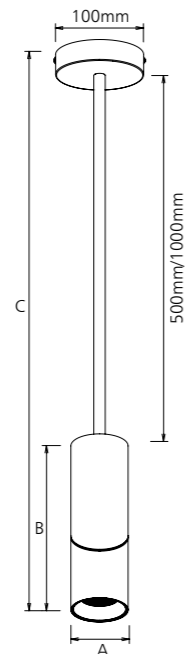
Code	Dimension(mm)				Size(mm)
	A	B	C	D	
GUART-TL-65	Ø65	248	206	70	Ø65*248
GUART-TL-85	Ø85	278	232	70	Ø85*278



Dali

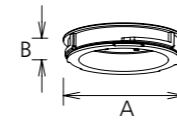
Code	Dimension(mm)				Size(mm)
	A	B	C	D	
GUART-TL-65-DALI	Ø65	259	206	113	Ø65*248
GUART-TL-85-DALI	Ø85	289	232	113	Ø85*278

GUART-PD



Code	Dimension(mm)			Size(mm)
	A	B	C	
GUART-PD-65-500	Ø65	206	731	Ø65*731
GUART-PD-65-1000	Ø65	206	1231	Ø65*1231
GUART-PD-85-500	Ø85	232	757	Ø85*757
GUART-PD-85-1000	Ø85	232	1257	Ø85*1257

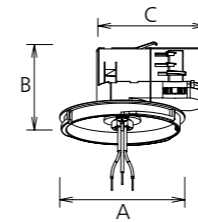
Surface mount canopy



ACC-SM65/85

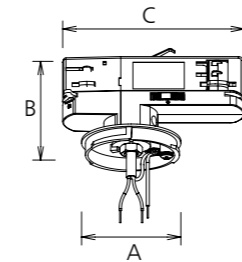
Code	Dimension(mm)		Size(mm)
	A	B	
ACC-SM-65	Ø62	11.5	Ø62*11.5
ACC-SM-85	Ø82	11.5	Ø82*11.5

Track adaptor



ACC-TL65/85 Standard

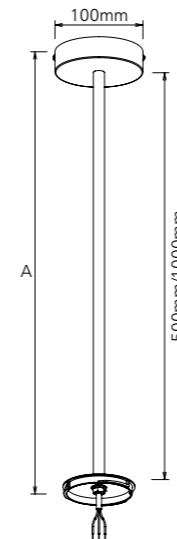
Code	Dimension(mm)			Size(mm)
	A	B	C	
ACC-TL-65-BK-4	Ø62	54	70	Ø62*60
ACC-TL-85-BK-4	Ø82	54	70	Ø82*60



ACC-TL65/85 Dali

Code	Dimension(mm)			Size(mm)
	A	B	C	
ACC-TL-65-BK-DALI	Ø62	64	113	Ø62*71
ACC-TL-85-BK-DALI	Ø82	64	113	Ø82*71

Pendant rod



ACC-PD65/85

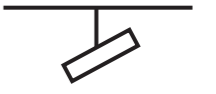
Code	Dimension(mm)	Size(mm)
	A	
ACC-PD-65-500	534.5	Ø100*534.5
ACC-PD-85-500	534.5	Ø100*534.5
ACC-PD-65-DALI-500	534.5	Ø100*534.5
ACC-PD-85-DALI-500	534.5	Ø100*534.5
ACC-PD-65-1000	1034.5	Ø100*1034.5
ACC-PD-85-1000	1034.5	Ø100*1034.5
ACC-PD-65-DALI-1000	1034.5	Ø100*1034.5
ACC-PD-85-DALI-1000	1034.5	Ø100*1034.5



Surface mounted installtion

Technical Data Sheet

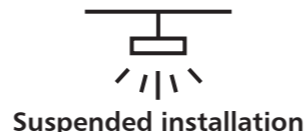
Code		GUART-SM-65-10W	GUART-SM-65-15W	GUART-SM-85-20W	GUART-SM-85-25W	GUART-SM-85-28W	GUART-SM-85-30W	
Dimension(mm)		Ø65*206			Ø85*232			
Cutout (mm)		-						
Watt(W)		10W	15W	20W	25W	28W	30W	
Rated Input Voltage(V)		AC220-240V						
Input Voltage(V)		AC220-240V						
LED Module Input		-						
Light Source		COB						
SDCM		<5						
CCT(K)		1-CCT: 3000K/4000K 3-CCT: 3000K + 4000K + 5000K						
CCT Selection DIP Switch		YES						
Luminous Flux (lm) ±5%	1-CCT	Non-DIM	880-980	1250-1400	1900-2100	2300-2500	-	2780-2900
		DIM	840-930	1290-1400	1800-2000	2180-2370	2500-2850	-
	3-CCT	Non-DIM	850-900	1200-1250	1850-2000	2300-2500	-	2650-2800
		DIM	810-850	1150-1200	1800-1900	1900-2300	2500-2650	-
Decrease 50% lumen with honeycomb cover								
CRI		90						
Beam Angle (°)		30°/36°/60°			24°/36°/60°			
UGR		-						
LED Driver		Driver built-in						
Dimming Option		Triac / DALI	Triac	Triac / DALI			-	
Sensor		NO						
Emergency Kits		NO						
Electrical Class		Class I						
Ingress Protection(IP Rating)		IP20						
Impact Resistance(IK Rating)		IK03						
Product Finishing		White RAL 9016 / Black RAL9005						
Optics Material		PC						
Housing Material		Aluminium						
Lifetime (hr)		50,000h						
Glow wire test (°C)		750°C						
Operating Temp.(°C)		-20°C~40°C						
Storage Temp.(°C)		-20°C~65°C						
Installation		Surface mount						



Track installation

Technical Data Sheet

Code		GUART-TL-65-10W	GUART-TL-65-15W	GUART-TL-85-20W	GUART-TL-85-25W	GUART-TL-85-28W	GUART-TL-85-30W	
Dimension(mm)		Ø65*248			Ø85*278			
Cutout (mm)		-						
Watt(W)		10W	15W	20W	25W	28W	30W	
Rated Input Voltage(V)		AC220-240V						
Input Voltage(V)		AC220-240V						
LED Module Input		-						
Light Source		COB						
SDCM		<5						
CCT(K)		1-CCT: 3000K/4000K 3-CCT: 3000K + 4000K + 5000K						
CCT Selection DIP Switch		YES						
Luminous Flux (lm) ±5%	1-CCT	Non-DIM	880-980	1250-1400	1900-2100	2300-2500	-	2780-2900
		DIM	840-930	1290-1400	1800-2000	2180-2370	2500-2850	-
	3-CCT	Non-DIM	850-900	1200-1250	1850-2000	2300-2500	-	2650-2800
		DIM	810-850	1150-1200	1800-1900	1900-2300	2500-2650	-
Decrease 50% lumen with honeycomb cover								
CRI		90						
Beam Angle (°)		30°/36°/60°			24°/36°/60°			
UGR		-						
LED Driver		Driver built-in						
Dimming Option		Triac / DALI	Triac	Triac / DALI			-	
Sensor		NO						
Emergency Kits		NO						
Electrical Class		Class I						
Ingress Protection(IP Rating)		IP20						
Impact Resistance(IK Rating)		IK03						
Product Finishing		White RAL 9016 / Black RAL9005						
Optics Material		PC						
Housing Material		Aluminium						
Lifetime (hr)		50,000h						
Glow wire test (°C)		750°C						
Operating Temp.(°C)		-20°C~40°C						
Storage Temp.(°C)		-20°C~65°C						
Installation		Track						



Technical Data Sheet

Code		GUART-PD-65-10W	GUART-PD-65-15W	GUART-PD-85-20W	GUART-PD-85-25W	GUART-PD-85-28W	GUART-PD-85-30W	
Dimension(mm)		Ø65		Ø85				
Cutout (mm)		-						
Watt(W)		10W	15W	20W	25W	28W	30W	
Rated Input Voltage(V)		AC220-240V						
Input Voltage(V)		AC220-240V						
LED Module Input		-						
Light Source		COB						
SDCM		<5						
CCT(K)		1-CCT: 3000K/4000K 3-CCT: 3000K + 4000K + 5000K						
CCT Selection DIP Switch		YES						
Luminous Flux (lm) ±5%	1-CCT	Non-DIM	880-980	1250-1400	1900-2100	2300-2500	-	2780-2900
		DIM	840-930	1290-1400	1800-2000	2180-2370	2500-2850	-
	3-CCT	Non-DIM	850-900	1200-1250	1850-2000	2300-2500	-	2650-2800
		DIM	810-850	1150-1200	1800-1900	1900-2300	2500-2650	-
Decrease 50% lumen with honeycomb cover								
CRI		90						
Beam Angle (°)		30°/36°/60°		24°/36°/60°				
UGR		-						
LED Driver		Driver built-in						
Dimming Option		Triac / DALI	Triac	Triac / DALI			-	
Sensor		NO						
Emergency Kits		NO						
Electrical Class		Class I						
Ingress Protection(IP Rating)		IP20						
Impact Resistance(IK Rating)		IK03						
Product Finishing		White RAL 9016 / Black RAL9005						
Optics Material		PC						
Housing Material		Aluminium						
Lifetime (hr)		50,000h						
Glow wire test (°C)		750°C						
Operating Temp.(°C)		-20°C~40°C						
Storage Temp.(°C)		-20°C~65°C						
Installation		Pendant						

Driver Datasheet (Non-dimmable)

Total load wattage		10W	15W	20W	25W	30W
Output	Rated output current	250mA	360mA	500mA	600mA	750mA
	Output Voltage range	DC30-40V				
	Line Regulation	±5%				
	Setup Rise Time	≤0.5S @230V				
	Flickering Index	<10%				
Input	Rated Input Voltage(V)	AC220-240V				
	Input Voltage(V)	AC220-240V				
	Frequency	50/60Hz				
	Rated Input Current	≤0.05A	≤0.08A	≤0.11A	≤0.14A	≤0.17A
	Input Current	≤0.06A	≤0.09A	≤0.12A	≤0.15A	≤0.18A
	Power Factor	≥0.9				
	THD	<25% @230V				
	Efficiency	≥82%	≤84%	≥87%		
	No load wattage	<0.5W				
	Protection	Short circuit protection	PASS			
Over voltage protection		PASS				
Over temperature protection		PASS				
Safety & EMC	Withstand voltage	I/P-O/ P:3.75kVac, <5mA 60S	I/P-FG:1.5kVac, <5mA 60S			
	Isolation Resistance	I/P-O/P: 500VDC, ≥4M Ω	500VDC, ≥2M Ω			
	Surge	IEC/EN61000-4-5 (P<25W L-N:500V, L/N-PE:1KV)			IEC/EN61000-4-5 (P≥25W L-N:1KV, L/ N-PE:2KV)	
	EMC Emission	EN55015, EN61000-3-2				
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547				

Driver Datasheet (Triac Dimmable)

Total load wattage		10W	15W	20W	25W	28W
Output	Rated output current	230mA	350mA	480mA	580mA	700mA
	Output Voltage range	DC23-40V		DC30-40V		
	Line Regulation	±5%				
	Setup Rise Time	≤0.5s @230V				
	Flickering Index	5%(LOW RISK)				
Input	Rated Input Voltage(V)	AC220-240V				
	Input Voltage(V)	AC220-240V				
	Frequency	50Hz				
	Rated Input Current	≤0.06A	≤0.08A	≤0.11A	≤0.13A	≤0.16A
	Input Current	≤0.06A	≤0.09A	≤0.12A	≤0.15A	≤0.17A
	Power Factor	0.9				
	THD	-				<20% @230V
	Efficiency	≥78%	≥80%	≥84%		≥85%
	No load wattage	<1W @230V				
	Protection	Short circuit protection	PASS			
Over voltage protection		PASS				
Over temperature protection		PASS				
Safety & EMC	Withstand voltage	I/P-FG:1.5kVac, <5mA 60S				
	Isolation Resistance	500VDC, ≥2M Ω				
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV)			IEC/EN61000-4-5 (P≥25W L-N:1KV, L/ N-PE:2KV)	
	EMC Emission	EN55015, EN61000-3-2				
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547				

Driver Datasheet (DALI Dimmable)

Total load wattage		10W	20W	25W	28W
Output	Rated output current	250mA	500mA	600mA	700mA
	Output Voltage range	DC28-40V			
	Line Regulation	±5%			
	Setup Rise Time	≤1S @230V			
	Flickering Index	≤1%(NO RISK)			
Input	Rated Input Voltage(V)	AC220-240V			
	Input Voltage(V)	AC220-240V			
	Frequency	50/60HZ			
	Rated Input Current	≤0.05A	≤0.10A	≤0.13A	≤0.15A
	Input Current	≤0.06A	≤0.12A	≤0.14A	≤0.16A
	Power Factor	0.9			
	THD	<20% @230V			
	Efficiency	≥81%	≥85%	≥86%	
	No load wattage	≤0.5W			
Protection	Short circuit protection	PASS			
	Over voltage protection	PASS			
	Over temperature protection	PASS			
Safety & EMC	Withstand voltage	I/P-FG:1.5KVac,<5mA 60S			
	Isolation Resistance	500VDC, ≥2M Ω			
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV)		IEC/EN61000-4-5 (P≥25W L-N:1KV, L/N-PE:2KV)	
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547			