

ADL2-010-IC350-DS

DALI Constant Current Isolated LED Driver

Output Power: **10W**

Output Current: **120-350mA** (dip switch selectable)



IP20



5 years warranty

Product Features:

- Single channel isolated output, selectable by DIP switch.
- 3-in-1 dimming mode: 0-10V active signal, adjustable resistance, PWM
- Input voltage of 120VAC~277VAC
- Dimming range: 0.1-100%, smooth, no flicker
- Protections: Short circuit, Overload, Over voltage
- Suitable for indoor LED lighting application



Applications:



Downlight



Panel Light



Spotlight



Ceiling Light



Decorative Light



Floor Light



Track Light



Flood Light

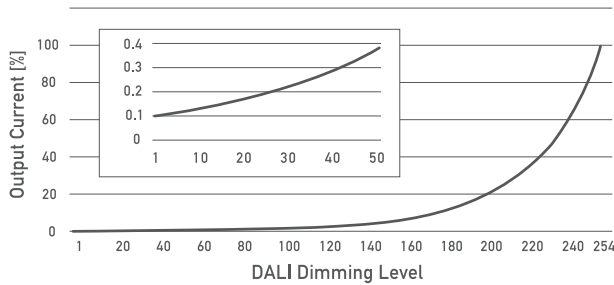
Electrical specification:

Input	Voltage	120VAC-277VAC			
	Frequency	50/60Hz			
	Current	0.12Amax@120VAC			
	Efficiency	79%@120VAC, Full load			
	PF	0.98@120VAC, Full load			
	THD (full load)	<10%@120VAC, Full load			
	Inrush Current	Cold start,30A@120VAC			
Output	Current/Voltage/Power	120mA/9-42V/5.04W	180mA/9-42V/7.56W	260mA/9-38V/9.88W	320mA/9-31V/9.92W
		150mA/9-42V/6.3W	210mA/9-42V/8.82W	290mA/9-34V/9.86W	350mA/9-28V/9.8W
	Channel	1			
	No load output voltage	58V Max			
	Frequency	1KHz Min PWM			
	Current tolerance	±5%			
Protection	Over Voltage	Hiccup, recovers after fault condition is removed			
	Over load	Hiccup, recovers after fault condition is removed			
	Short circuit	Close output, recovers automatically after fault removed			
Safety & EMC	Surge	L-N:1KV			
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA; I/P-Gnd: 1500VAC/1min/5mA; O/P-Gnd: 500VAC/1min/5m			
	Safety standards	UL8750 / UL1310 / CSA25013, CSA class P			
	EMI Emission	EN55015, EN61000-3-2 Class C, IEC61000-3-3			
	EMC Immunity	FCC class B (120V) / class A (277V)			
Functions	Dimming	DALI/Touch DIM (Push DIM)			
	Dimming range	0.1%-100% Dimming to off			
Other	Dimension (L*W*H), weight	2.95x1.38x1.04 in (75x35x26.5 mm), 96g			
	Pack Information	100PCS/Cartron; 10.1kg±5%/Cartron; Cartron Size: 398x210x208mm			
	IP rating	IP20			
	Operating temp / Relative humidity	-40°C~-+50°C, / 20~90% RH			
	tc	90°C			
	Lifetime	50,000h@tc:85°C			
	Material	PC			

Current Selection Table:

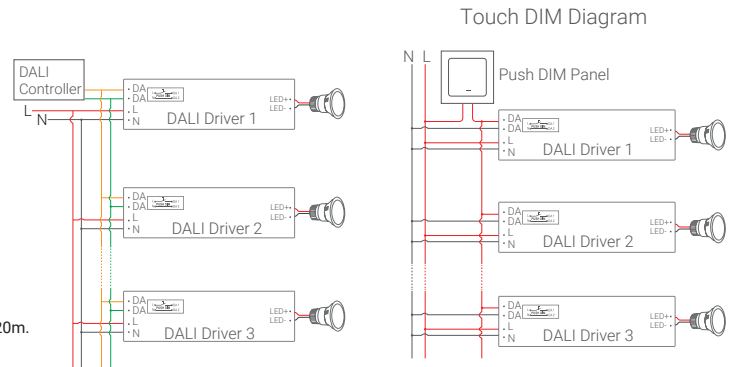
ON	OFF																					
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		120mA	150mA	180mA	210mA	260mA	290mA	320mA	350mA													
		9-42V	9-42V	9-42V	9-42V	9-38V	9-34V	9-31V	9-28V													

Dimming Curve:

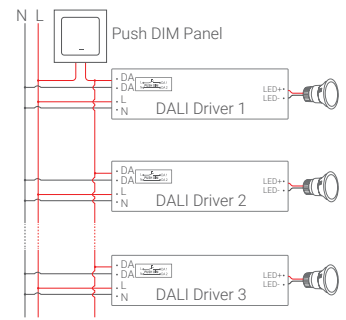


Only use open push button without indicator light. Maximum cable length between each unit: 20m.

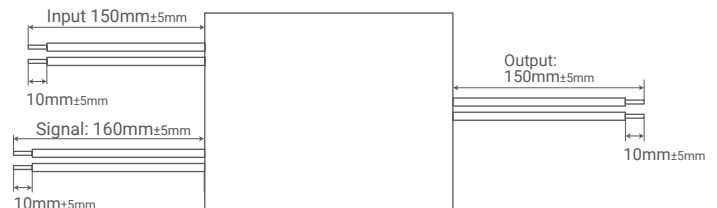
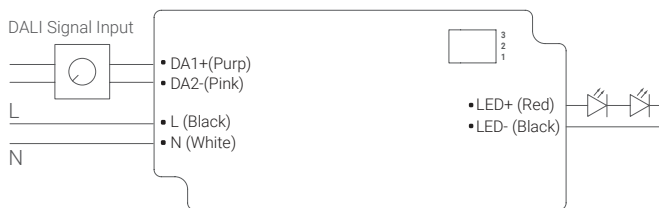
DALI Connection Diagram



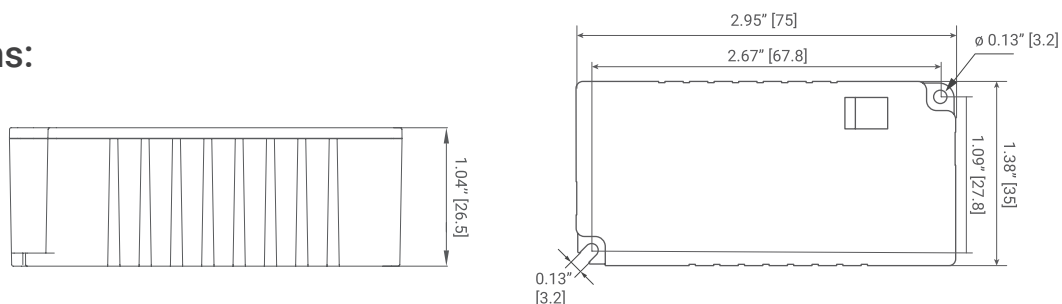
Touch DIM Diagram



Wiring Diagram:



Dimensions:



Warranty:

WARRANTY PERIOD GENERAL TERMS AND CONDITIONS [ADURASOLUTIONS.COM/WARRANTY](https://www.adurasolutions.com/warranty)

Safety:

- RISK OF ELECTRICAL SHOCK. MAY RESULT IN SERIOUS INJURY OR DEATH. DISCONNECT POWER BEFORE SERVICING OR INSTALLING.**
- THE LED DRIVER MAY ONLY BE CONNECTED AND INSTALLED BY A QUALIFIED ELECTRICIAN. ALL APPLICABLE REGULATIONS, LEGISLATION, AND BUILDING CODES MUST BE OBSERVED. INCORRECT INSTALLATION OF THE LED DRIVER CAN CAUSE IRREPARABLE DAMAGE TO THE LED DRIVER AND THE CONNECTED LEDS.
- PAY ATTENTION WHEN CONNECTING THE LEDS: POLARITY REVERSAL RESULTS IN NO LIGHT OUTPUT AND OFTEN DAMAGES THE LEDS.
- LED DRIVERS ARE DESIGNED AND INTENDED TO OPERATE LED LOADS ONLY. POWERING NON-LED LOADS MAY PUSH THE LED DRIVER OUTSIDE ITS SPECIFIED DESIGN LIMITS AND IS, THEREFORE, NOT COVERED BY ANY WARRANTY.
- TO GUARANTEE SUFFICIENT CONVECTION COOLING, **KEEP A MINIMUM DISTANCE OF 2" (50MM)** AND LATERAL DISTANCE TO OTHER UNITS. GOOD HEAT DISSIPATION CONDITIONS EXTEND PRODUCT LIFE. INSTALL THE PRODUCT IN A WELL-VENTILATED ENVIRONMENT.
- PLEASE MAKE SURE LED POWER SUPPLY OUTPUT VOLTAGE, CURRENT IS USED TO MEET THE PRODUCT REQUIREMENTS.
- THE CURRENT RATING FOR THE OUTPUT CABLE MUST BE RATED HIGHER THAN OR EQUAL TO THE OUTPUT CURRENT OF THE POWER SUPPLY, REFER TO THE PRODUCT SPECIFICATIONS.
- PLEASE OBSERVE VOLTAGE DROP OVER LONG CABLE LENGTHS. LONGER CABLE LENGTHS INCREASE EMI SUSCEPTIBILITY.
- IN CASE OF MALFUNCTION, DO NOT REPAIR IT.