







Features

- · Constant Current mode output
- Flicker free design
- Plastic housing with class II design
- Built-in active PFC function
- No load power consumption<0.5W(Blank-Type), Standby power consumption<0.5W(DA-Type)
- · IP67 rating for indoor or outdoor installations
- Function options: 2 in 1 dimming (dim-to-off); Auxiliary DC output; DALI
- 3 years warranty

Description

ODLC-65 series is a 65W LED AC/DC driver featuring the constant current mode output with flicker free design. ODLC-65 operates from 180~295VAC and offers models with different rated current ranging between 700mA and 1750mA. Thanks to the efficiency up to 88%, with the fanless design, the entire series is able to operate for $-20^{\circ}C + 85^{\circ}C$ case temperature under free convection. The design of plastic housing and IP67 ingress protection level allows this series to fit indoor wet applications. ODLC-65 is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for lighting system.

Model Encoding	
ODLC - 65 🖪 - 1050 🗌	
F	Function options Rated output current(700/1050/1400/1750mA) A:Auxiliary DC output(12V@50mA) CI:None Dutput wattage Geries name

Туре	Function	Note
Blank	2 in 1 dimming (0~10VDC and 10V PWM)	In Stock
DA	DALI control technology	In Stock

Note: The DALI control model(DA Type) only for ODLC-65 Non Auxiliary DC output models.

Applications

- · LED panel lighting
- LED flood lighting
- Indoor LED lighting
- Industrial lighting

GTIN CODE

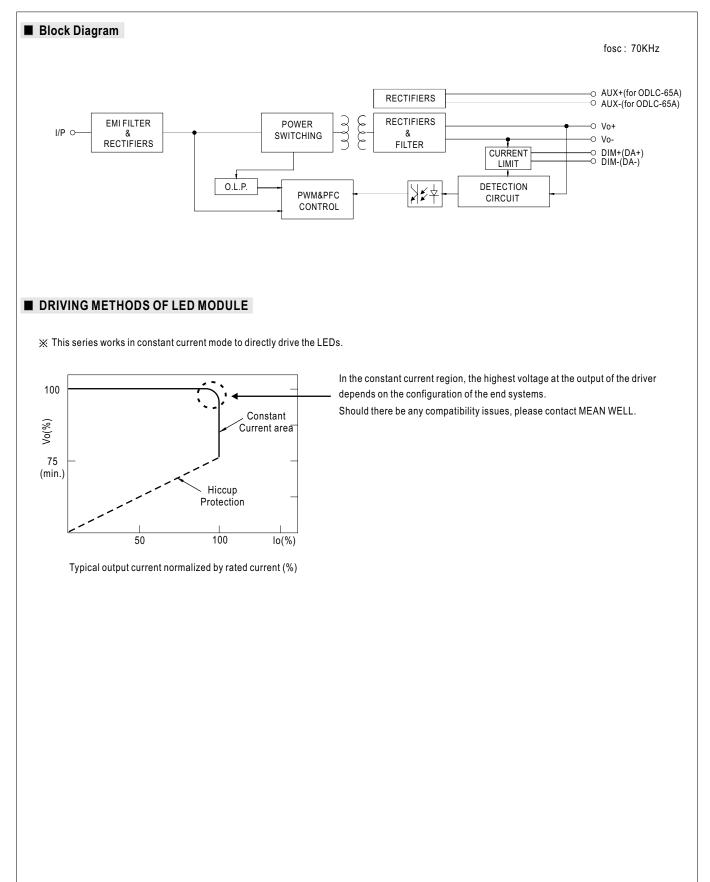
MW Search: <u>https://www.meanwell.com/serviceGTIN.aspx</u>



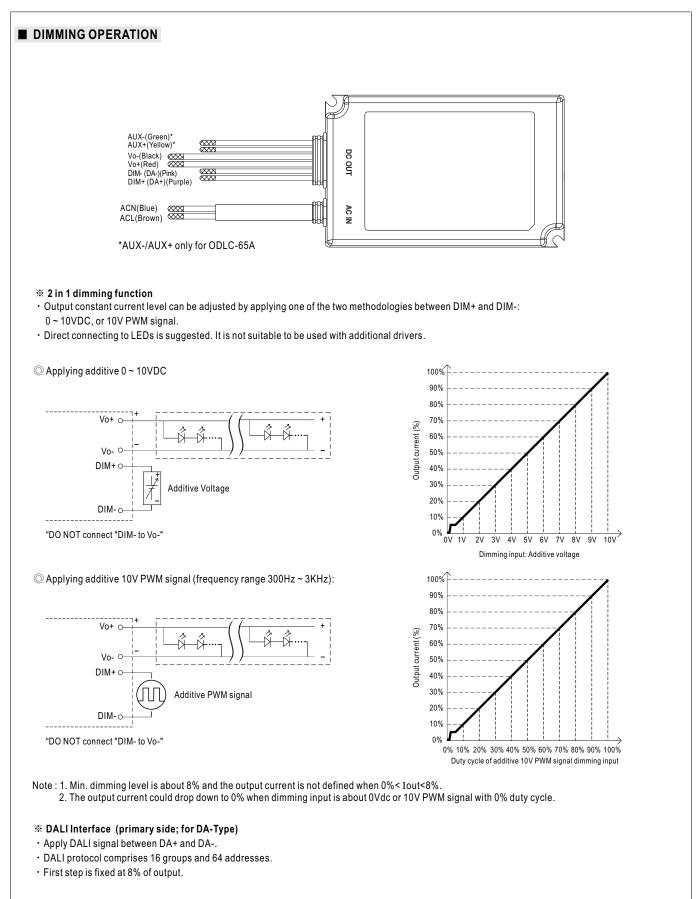
SPECIFICATION

MODEL		ODLC-65□-700□	ODLC-65□-1050□	ODLC-65□-1400□	ODLC-65□-1750□		
	RATED CURRENT	700mA	1050mA	1400mA	1750mA		
	RATED POWER	63W					
	CONSTANT CURRENT REGION Note.2	69~93V	27~36V				
OUTPUT	OPEN CIRCUIT VOLTAGE(max.)		82V	60V	53V		
0011 01		5% max. @rated current					
	CURRENT TOLERANCE	±7.0%					
	SETUP TIME Note.4	500ms / 230VAC					
	AUXILIARY DC OUTPUT Note.5						
INPUT	VOLTAGE RANGE Note.3	180 ~ 295VAC (Please refer to "STATIC CHARACTERISTIC" section)					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR (Typ.)	PF>0.95/230VAC, PF>0.9/277VAC@full load (Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)					
	TOTAL HARMONIC DISTORTION	THD< 20%(@load≧75%/230VAC,277VAC) (Please refer to "TOTAL HARMONIC DISTORTION" section)					
	EFFICIENCY (Typ.)	88%	87%	87%	86%		
	AC CURRENT	0.4A/230VAC 0.3A/277	VAC				
	INRUSH CURRENT (Typ.)	COLD START 30A(twidth=10	$00\mu s$ measured at 50% lpeak)) at 230VAC; Per NEMA 410			
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	32 units (circuit breaker of type B) / 32 units (circuit breaker of type C) at 230VAC					
	LEAKAGE CURRENT	<0.75mA / 277VAC					
	NO LOAD / STANDBY Power consumption	No load power consumption <0.5W for Blank-Type, <1.2W for ODLC-65A Standby power consumption <0.5W for DA-Type Hiccup mode,auto-recovery after fault condition is removed for DA type;					
PROTECTION	SHORT CIRCUIT	Hiccup mode,re-power on t		oved for DA type;			
	WORKING TEMP.	Tcase=-20 ~ +85°C (Please	refer to " OUTPUT LOAD vs 1	TEMPERATURE" section)			
	MAX. CASE TEMP.	Tcase=+85°C					
	WORKING HUMIDITY	20 ~ 90% RH non-condensing					
ENVIRONMENT	STORAGE TEMP., HUMIDITY	/ / -40 ~ +80°C, 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 45°C)					
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes					
	SAFETY STANDARDS	UL8750(type"HL");CSA C22.2 NO.250.13-12; ENEC BS EN/EN61347-1 & BS EN/EN61347-2-13 independent, BS EN/EN62384; EAC TP TC 004, IP67 approved					
SAFETV 8	DALI STANDARDS Note.7	Compliance to IEC62386-101,102 for DA-Type only					
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC					
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH					
	EMC EMISSION	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (≧75% load) ; BS EN/EN61000-3-3, GB17743,GB17625.1,EAC TP TC 020					
		Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11; BS EN/EN61547, light industry level(surge immunity: Line-Line:1KV),EAC TP TC 020					
OTHERS	MTBF DIMENSION	4381.7K hrs min. Telcordia SR-332 (Bellcore) ;402.6K hrs min. MIL-HDBK-217F (25°C)					
JUIERS	PACKING	121*77*28.5mm(L*W*H) 0.43Kg; 24pcs/ 11.3Kg/ 0.74CUFT					
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated current and 25°C of ambient temperature. Please refer to "DRIVING METHODS OF LED MODULE". De-rating may be needed under low input voltages. Please refer to "STATIC CHARACTERISTIC" sections for details. Length of set up time is measured at cold first start. Turning ON/OFF the driver may lead to increase of the set up time or set up failure Aux. 12V will be damaged with short circuit; It will not be available when output voltage is not in constant current region or output no load condition. The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. The DALI version driver does not support the bit 1: Lamp failure in the Command 144 Query status of the DALI standard. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft). For any application note and IP water proof function installation caution, please refer our user manual before using. https://www.meanwell.com/Upload/PDF/LED_EN.pdf To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains. Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx 						

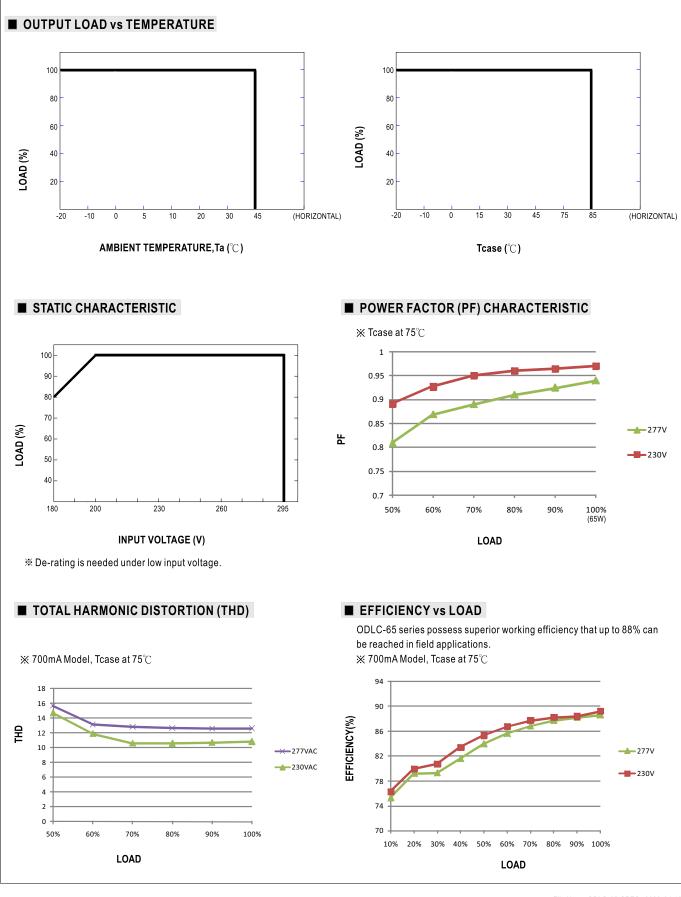












File Name: ODLC-65-SPEC 2022-04-12



