



# INTERLIGHT LED DRIVER DATASHEET

IL-EDD series

## Advantages

- 8, 12, 15 and 20W Phase dimming drivers to provide the right light level for different applications
- L, L, N, N for easy looping to the next drivers for easy installation
- Connector to LED luminaires ready for quick connection
- Smooth dimming from 0-100%





# INTERLIGHT LED DRIVER DATASHEET

IL-DC9D & IL-DC13D

## FEATURES

220-240Vac, 50Hz phase dim drivers suitable for most branded dimmers

8W to mix with the 3, 4, 6 and 8 inches Easyfit downlight for the best performance

12W to mix with the 4, 6 and 8 inches Easyfit downlight for the best performance

15W to mix with the 6, 8 and 10 inches Easyfit downlight for the best performance

20W to mix with the 8 and 10 inches Easyfit downlight for the best performance

## SPECIFICATIONS

Driver model	IL-EDD3D	IL-EDD4D	IL-EDD6D	IL-EDD8D
Driver description	8W phase dim	12W phase dim	15W phase dim	20W phase dim
Input voltage ( Vac )	220-240Vac, 50Hz			
Max Input current ( mA )	35	60	65	85
Max Input power ( W )	8	12	15	20
Power factor	>0.95			
Driver Efficiency ( % )	>70	>70	>75	>80
Output voltage ( Vdc )	30-40			
Max Output current ( mA )	180	250	350	500
Output Current Ripple ( % )	≤ 5			
Max no of downlight protected by 16A Type C MCB	90	90	90	70
Tc Max ( °C )	75			
Class	II			
Inrush current ( A )	20			
THD ( % )	<15			
Surge protection ( KV )	1.5	1.5	2	2
Short circuit protection	Yes, auto recovery			
Overload protection	Yes			
Over power protection	Yes			
Warranty	5 years or 35,000 hours whichever comes first			

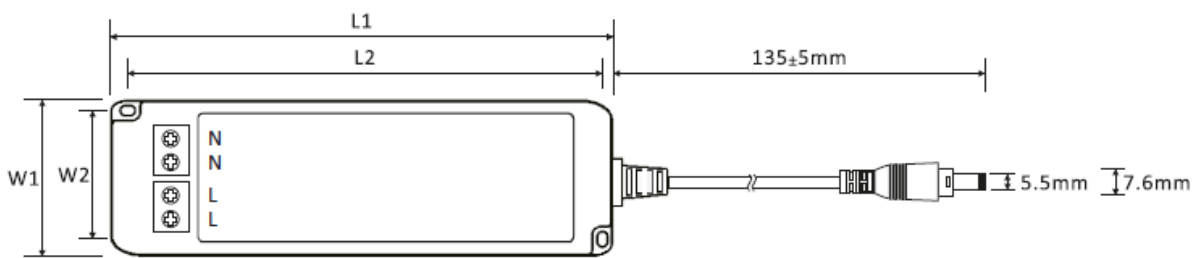


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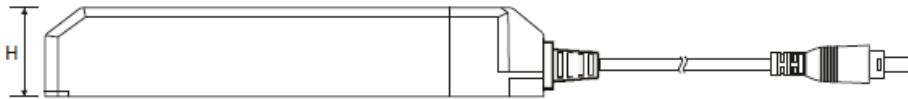
IL-DC9D & IL-DC13D

## DIMENSIONS

Driver Model	L1(mm)	L2(mm)	W1(mm)	W2(mm)	H(mm)
IL-EDD3D	105.5	97	41	32	23
IL-EDD4D	105.5	97	41	32	23
IL-EDD6D	133	125	41	32	23
IL-EDD8D	133	125	41	32	23

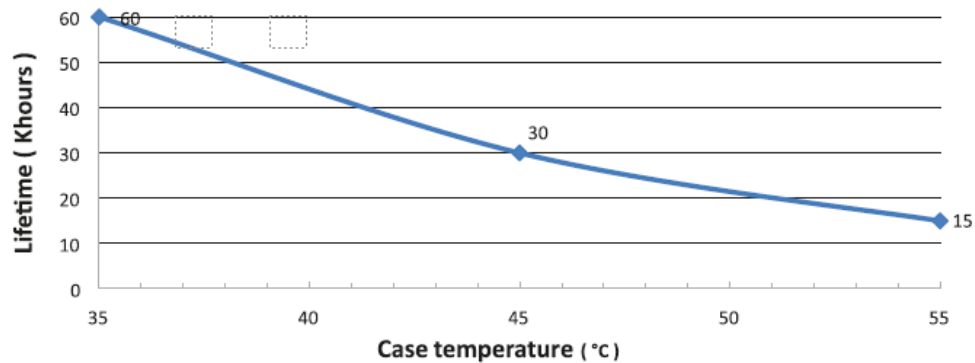


Looping terminals for L and N for easy and quick installation



## PRODUCT REFERENCED LIFETIME CURVE

The curve below illustrates the drivers lifetime data when the led drivers max. case temparture reaches 35°C, 45°C, 55°C.



Life curve



**KOOPMAN**INTERLIGHT.NL