

IBDL233 Series Surface Mount LED Downlight

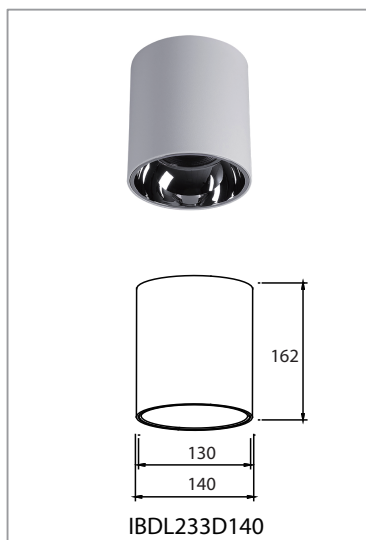
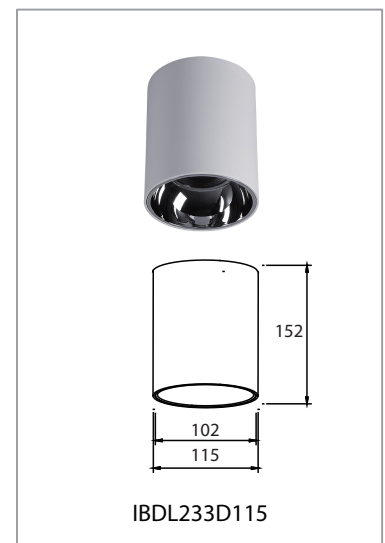
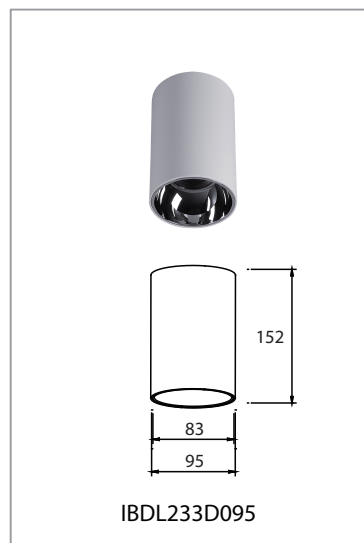
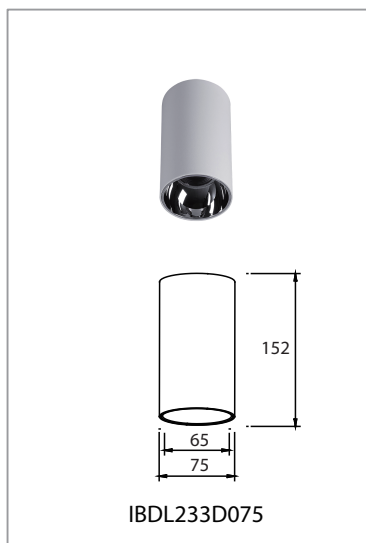
Key Features

- Reflector options
- Multiple wattage options within a unified housing platform
- Support both rear and back cable entry
- Dimming way: 0-10V Triac DALI Casambi
- Internal flicker free driver

Applications

Designed for:

- **Hospitality** : Hotels, resorts, restaurants
- **Office & Corporate Spaces** : Offices, meeting rooms, reception areas
- **Healthcare & Education** : Hospitals
- **Commercial & Retail** : Shopping malls, boutiques, showrooms
- **Public & Infrastructure** : Corridors, hallways, lobbies



Measurement

Model	Dimension(mm)			Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN
	A	B	C	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
IBDL233D075	75	152	65	0.46	0.52	13.8	15.6	L54*W22*H52	30
IBDL233D095	95	152	83	0.7	0.77	14	15.4	L52*W22*H50	20
IBDL233D115	115	152	102	0.9	0.97	14.4	15.52	L57*W35*H29.5	16
IBDL233D140	140	162	130	1.5	2.2	24	35.2	L52*W33*H36	16
IBDL233D170	170	182	158	2.1	2.8	12.6	16.8	L57*W38*H22	6

Technical Specifications

Model No.		IBDL233D075	IBDL233D095	IBDL233D115	IBDL233D140	IBDL233D170
Size(mm)		Ø75*152	Ø95*152	Ø115*152	Ø140*162	Ø170*182
Watt(W)		15W	20W	30W	40W	50W
Optical	Luminous Flux (lm) @4000K	1300	1800	2900	3600	4700
	Light Source	COB LED				
	LED Brand	Bridgelux / Hongli (optional)				
	SDCM	<5				
	CCT(K)	2700K / 3000K / 3500K / 4000K / 5700K / 6500K				
	CRI	Ra≥80/90				
	Beam Angle (°)	20° / 40° / 60°				
	UGR	<17				
Electrical	LED Driver	Lifud / BOKE / Tridonic / COIE				
	Rated Input Voltage(V)	AC220-240V 50/60Hz				
	Power Factor	>0.9				
	Efficiency	85%	88%	88%	88%	88%
	Rated Input Current	≤0.13A	≤0.25A	≤0.25A	≤0.25A	≤0.25A
	Full load output voltage	DC 30-55V	DC 35-55V	DC 35-55V	DC 25-40V	DC 25-40V
	Rated output curent	350mA	500mA	750mA	1000mA	1200mA
	Dimming Option	Non-dimmable / 1-10V / Triac / DALI dimmable / Casambi				
	Power tolerance	±5%				
	Current output tolerance	±5%				
	Protection Class	Class I				
	Short circuit protection Over voltage protection Over temperature protection	PASS				
THD	≤20%@230V					
Leakage Current	I/P-O/P : 250uA					
Withstand voltage	L/N : 2KV					
Mechanical	Finishing color	Black / White				
	Material	Aluminium				
	IP Rating	IP65				
Environmental	Lifetime (hr)	50,000 @ XFL050C				
	Driver TA(°C)	65°C @ XFL050C				
	Driver TC(°C)	95°C @ XFL050C				

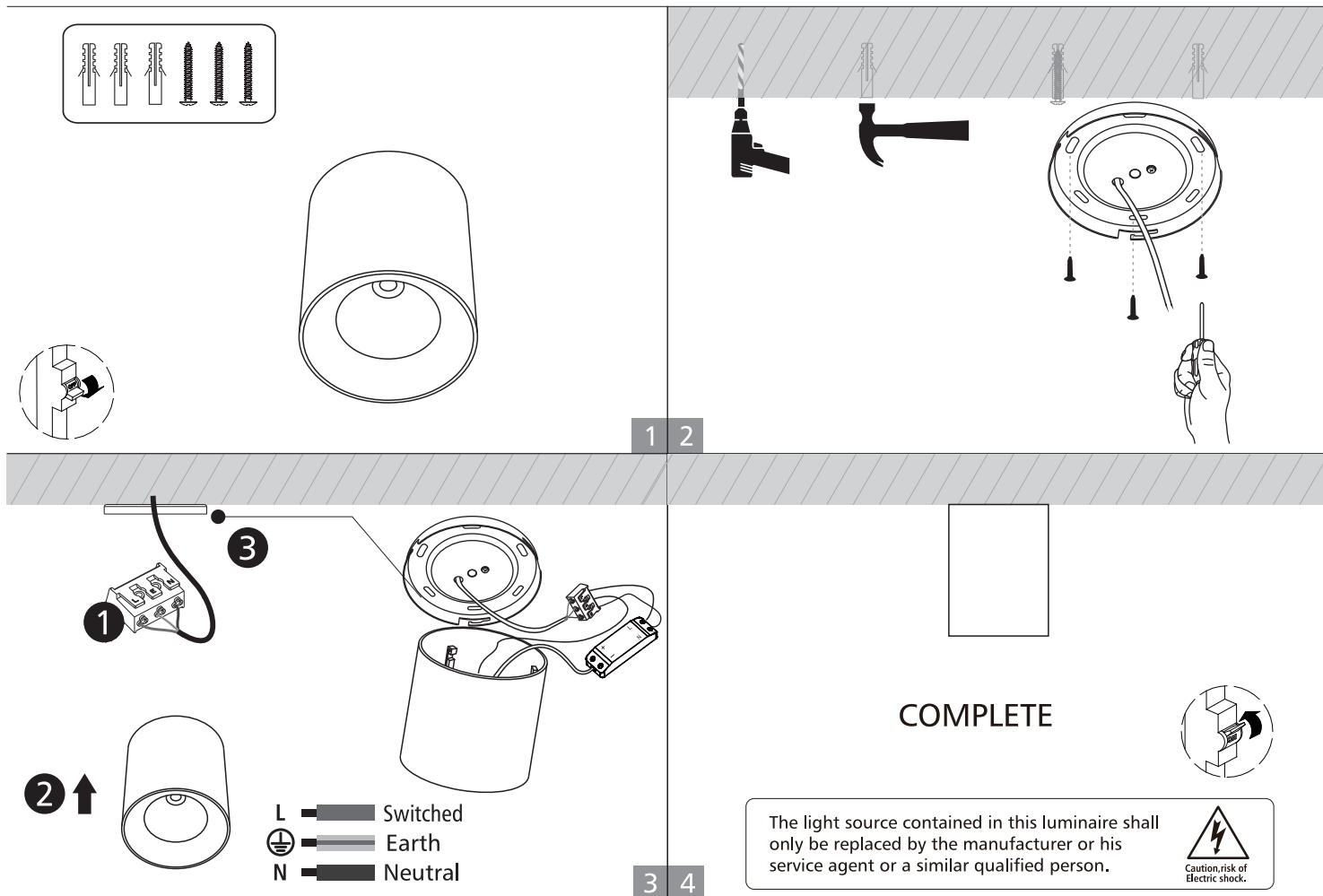
Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



-  Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.



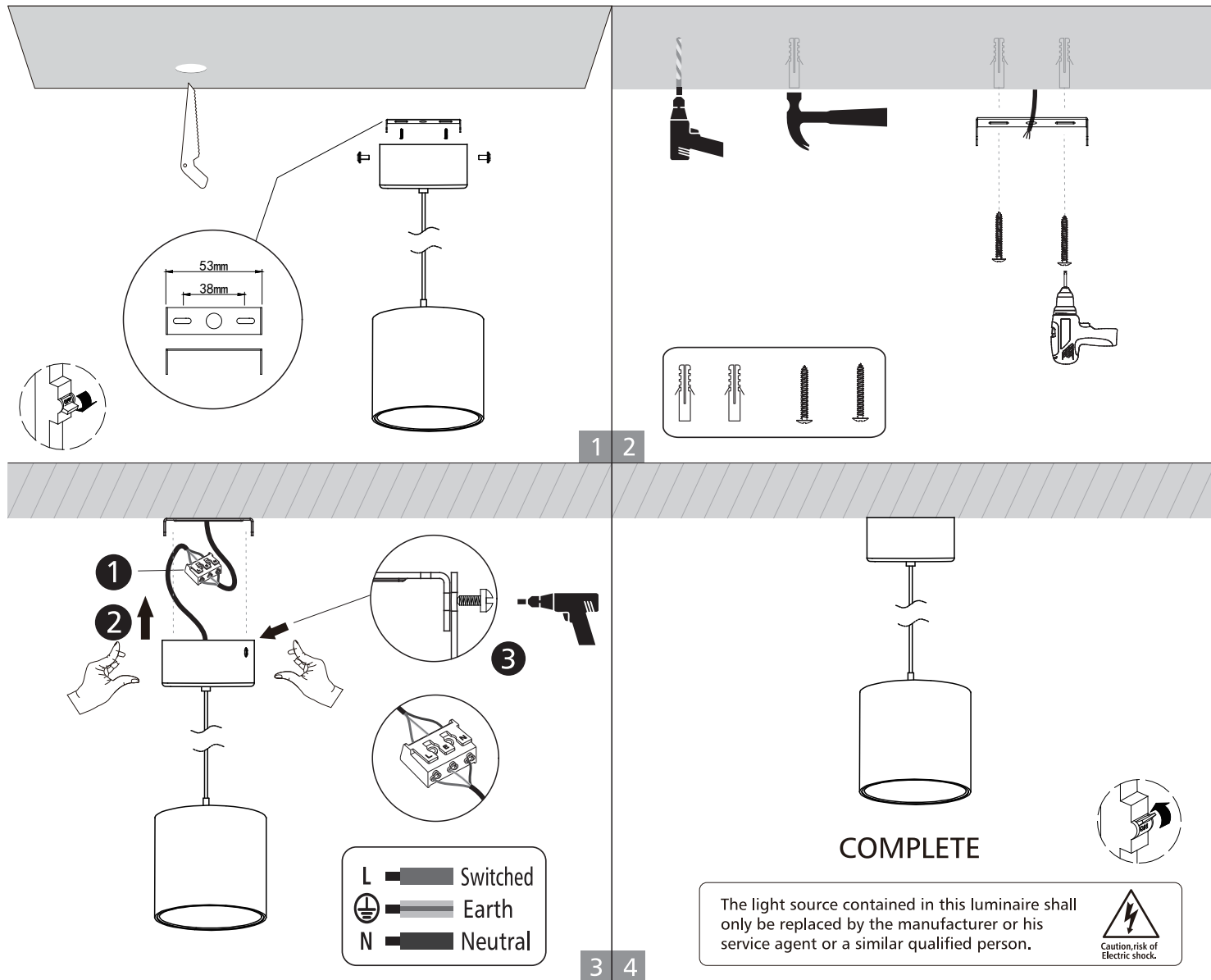
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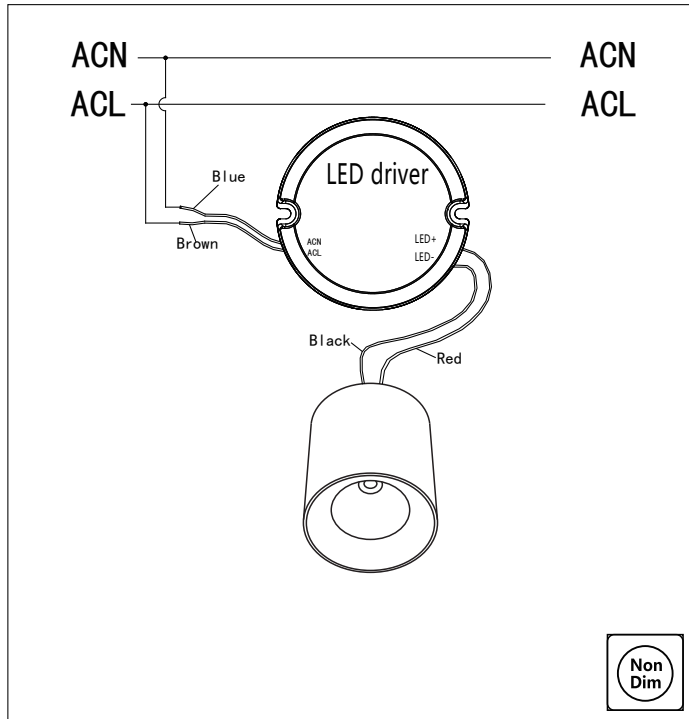
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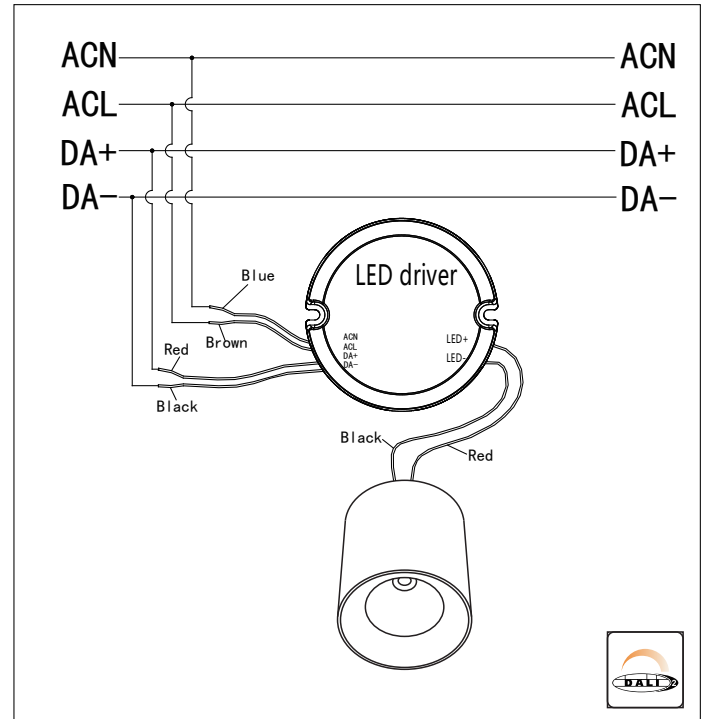
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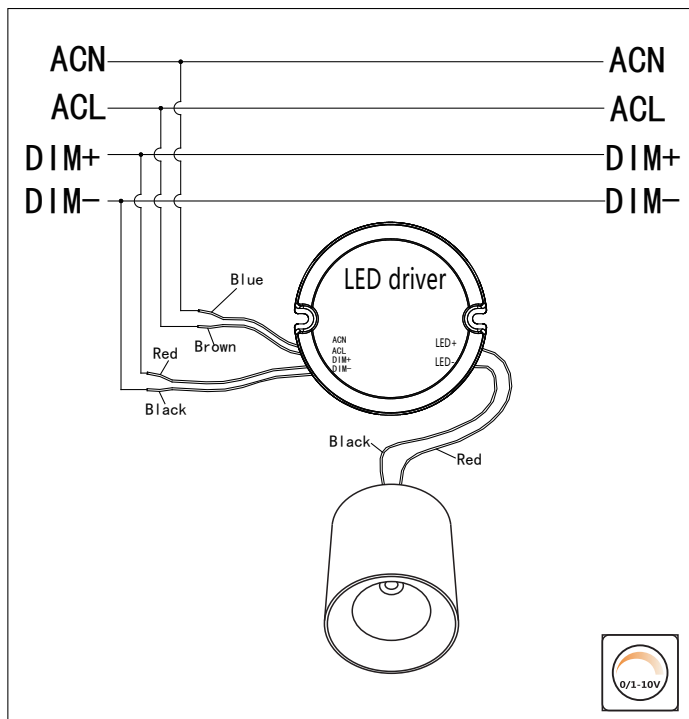
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ON/OFF Wiring



DALI Wiring



0/1-10V Wiring

■ Product Size&Watt

Item	Product Size (mm)	Watt(W)
1	Ø75*152	15W
2	Ø95*152	20W
3	Ø115*152	30W
4	Ø140*162	40W
5	Ø170*182	50W