

IBSP117 Series Deep Curve & Narrow Trim Recessed LED Downlight | IP65, Safety Glass

Key Features

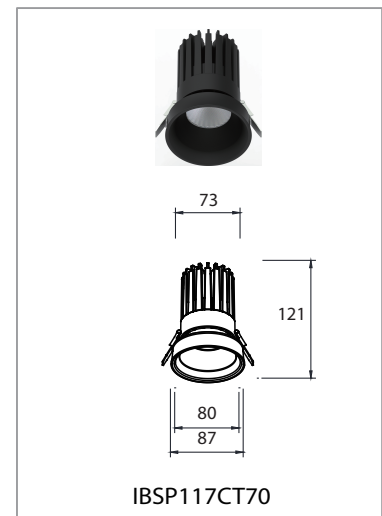
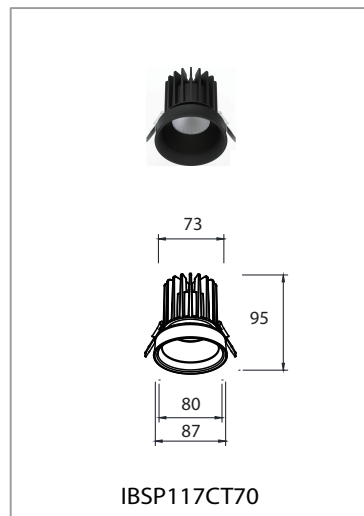
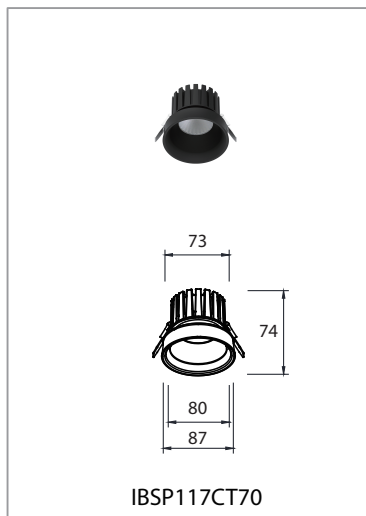
- **Deep Curve Recessed Design**
Curved inner structure combined with deep-set light source ensures ultra-low glare and exceptional visual comfort for premium environments.
- **Optimized Beam Angles**
Carefully selected beam options provide precise accent lighting and controlled illumination for refined spatial design.
- **IP65 Front Protection with Safety Glass**
Designed for durability in humid and semi-outdoor environments, meeting stringent project requirements.
- **Compact Architectural Integration**
Clean trim design with smooth curvature enhances ceiling aesthetics while maintaining a subtle visual presence.
- **High-Performance COB LED**
Delivers stable, uniform light output with reliable color consistency for long-term use.



Applications

Designed for:

- **Hospitality** : Hotels, Restaurants, Guestrooms
- **Office & Corporate Spaces** : Meeting Rooms, Offices
- **Wellness & SPA** : Bathrooms, Spa Areas
- **Commercial & Retail** : Boutiques, Showrooms
- **Public Areas** : Corridors, Lobbies, Reception Areas



Measurement

Model	Dimension(mm)				Size(mm)	Cutout(mm)	Watt(W)	Product Weight (Kg)
	A	B	C	D				
IBSP117CT70	87	74	73	80	Ø87*74	Ø75	10W	0.26
IBSP117CT70	87	95	73	80	Ø87*95	Ø75	15W	0.3
IBSP117CT70	87	121	73	80	Ø87*121	Ø75	25W	0.48

Technical Specifications

Model No.		IBSP117CT70		IBSP117CT70		IBSP117CT70	
Size(mm)		Ø87*74		Ø87*95		Ø87*121	
Cutout(mm)		Ø75		Ø75		Ø75	
Watt(W)		10W		15W		25W	
Optical	Luminous Flux (lm) @4000K	1000		1300		2100	
	Light Source	COB LED					
	LED Brand	Bridgelux / Cree (standard) / Hongli (optional)					
	SDCM	<5					
	CCT(K)	2700K / 3000K / 3500K / 4000K / 5700K / 6500K					
	CRI	Ra≥80/90					
	Beam Angle (°)	15° /24° / 38° /45°					
	UGR	<19					
Electrical	LED Driver	Lifud / BOKE / Tridonic					
	Rated Input Voltage(V)	AC200-240V 50/60Hz					
	Power Factor	>0.9					
	Efficiency	≥82%		≥82%		≥87%	
	Rated Input Current	≤0.08A		≤0.08A		≤0.14A	
	Full load output voltage	DC 30-42V		DC 30-40V		DC 28-42V	
	Rated output curent	250mA		350mA		600mA	
	Dimming Option	Non-dimmable / 1-10V / Triac / DALI dimmable / Casambi					
	Power tolerance	±5%					
	Current output tolerance	±5%					
	Protection Class	Class II					
	Short circuit protection Over voltage protection Over temperature protection	PASS					
	THD	<20%@230V					
Surge	L-N:2KV						
Withstand voltage	I/P-O/P:3.75KV AC						
Mechanical	Finishing color	Black / White					
	Material	Aluminium					
	IP Rating	IP20; IP65 on the visible part of the product once installed					
Environmental	Lifetime (hr)	50,000 @ BK-BEL022					
	Driver TA(°C)	45°C @BK-BEL022					
	Driver TC(°C)	85°C @BK-BEL022					

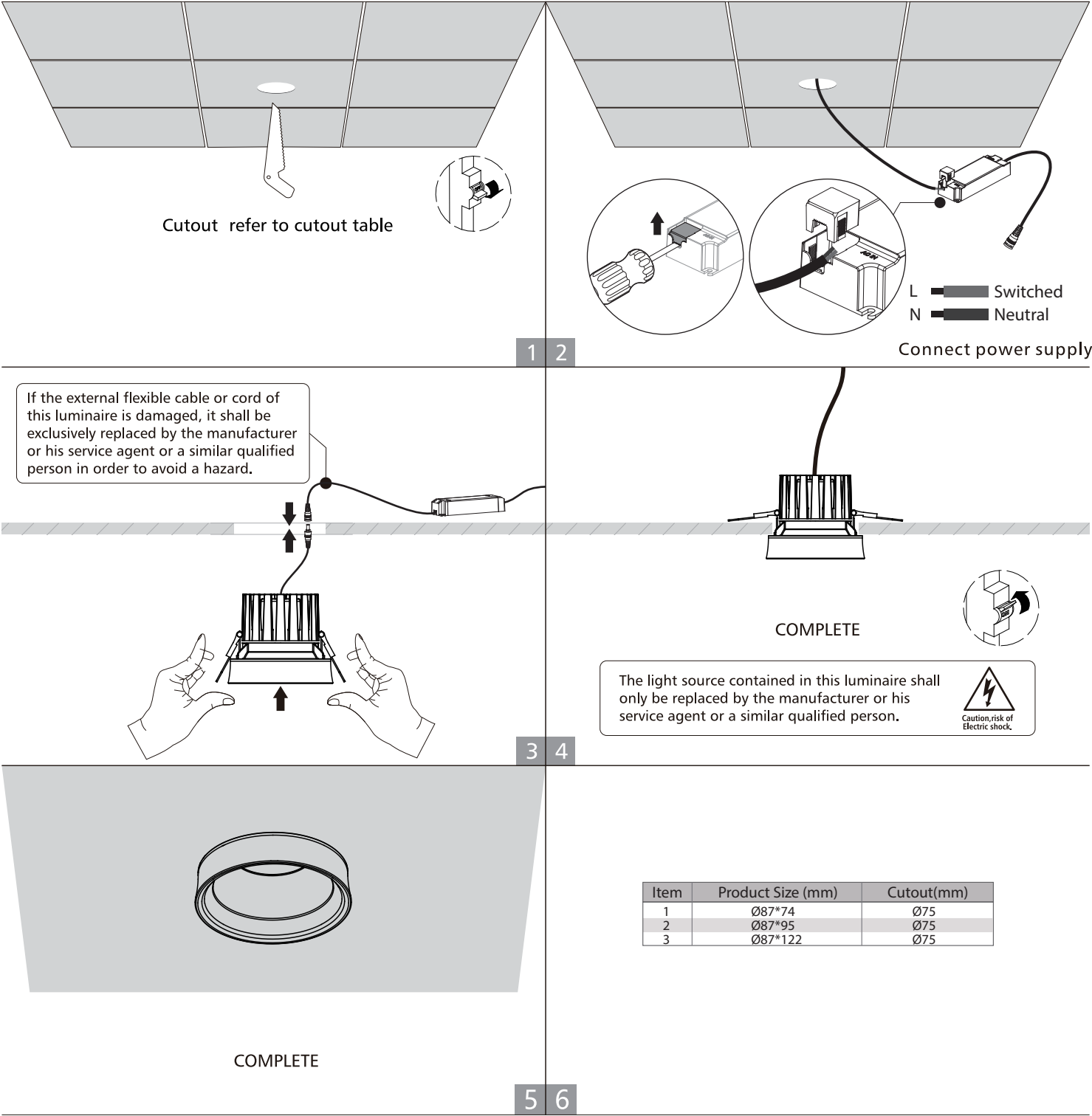
Installation Procedure

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.



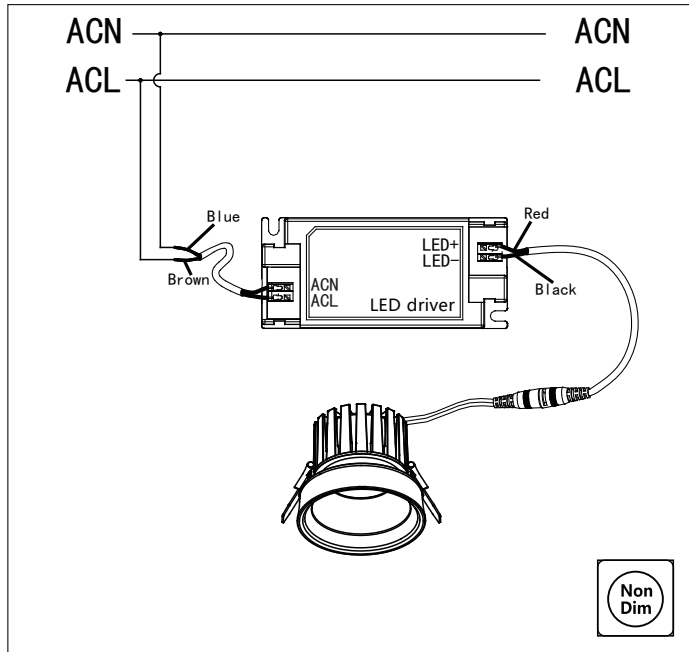
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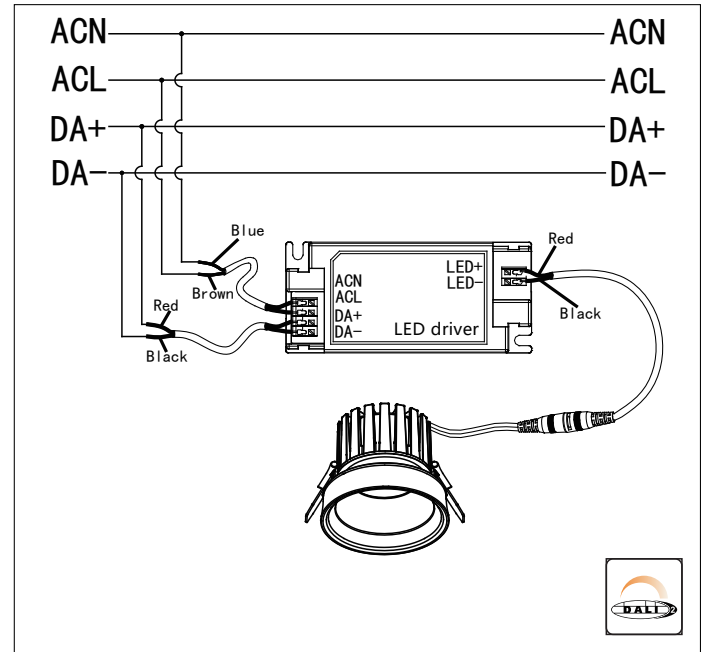
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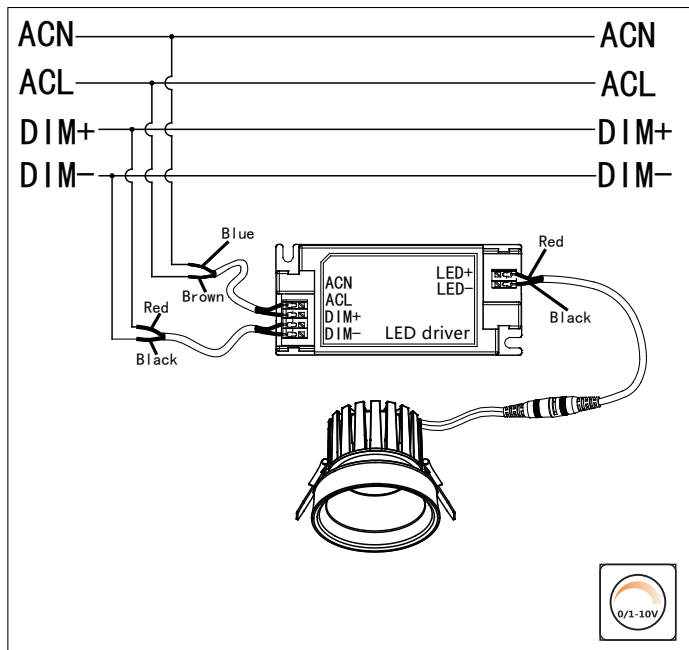
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ON/OFF Wiring



DALI Wiring



0/1-10V Wiring

■ Product Size&Watt

Item	Product Size (mm)	Cutout(mm)
1	Ø87*74	Ø75
2	Ø87*95	Ø75
3	Ø87*122	Ø75