

IBSP100 Series Deep trim Recessed LED Downlight | Safety Glass, Reflector Changeable, Honeycomb Louver Optional

Key Features

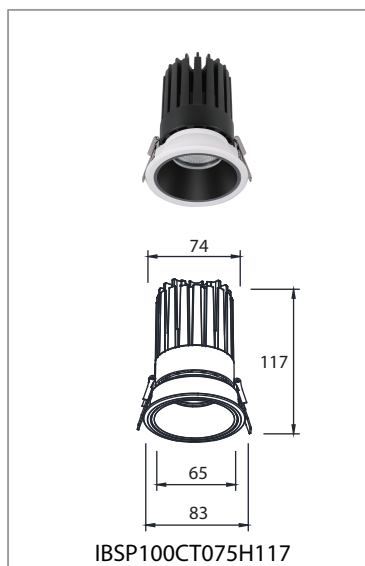
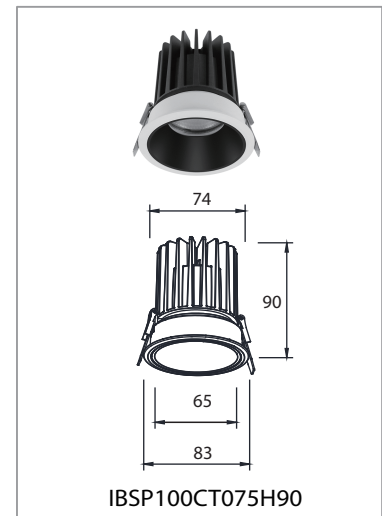
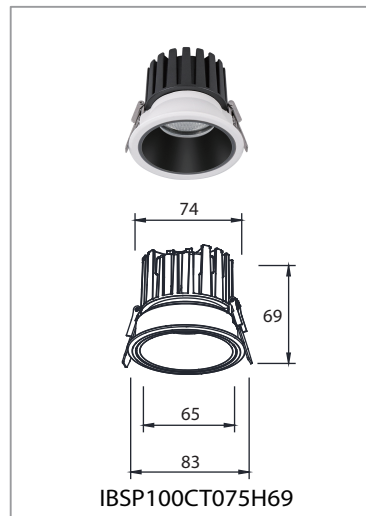
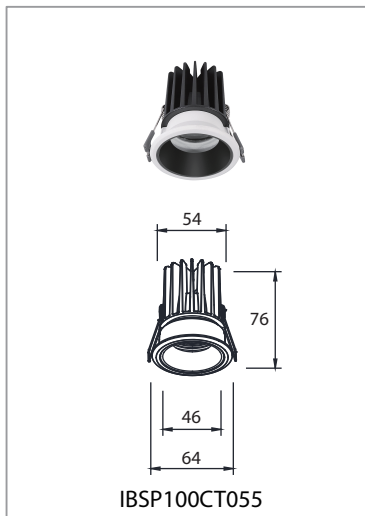
- **Deep Recessed Design for Advanced Glare Control**
The recessed light source minimizes direct glare, delivering superior visual comfort for high-end architectural applications.
- **Flexible Beam Angles (15°-60°)**
Wide beam selection supports both precise accent lighting and balanced general illumination across diverse project needs.
- **Interchangeable Reflector System**
Reflectors can be easily replaced, allowing customized light effects and greater design flexibility for different spaces.
- **Optional Honeycomb Louver**
Enhances glare control and visual comfort, ideal for premium environments requiring refined lighting performance.
- **IP65 Front Protection with Glass Diffuser**
Ensures durability and safe operation in humid or semi-outdoor environments, meeting demanding project standards.



Applications

Designed for:

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



Measurement

Model	Dimension(mm)				Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40GP (pcs)
	A	B	C	D	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
IBSP100CT055	64	76	54	46	/	/	/	/	/	/	/	/
IBSP100CT075H69	83	69	74	65	/	/	/	/	/	/	/	/
IBSP100CT075H90	83	90	74	65	/	/	/	/	/	/	/	/
IBSP100CT075H117	83	117	74	65	/	/	/	/	/	/	/	/

Technical Specifications

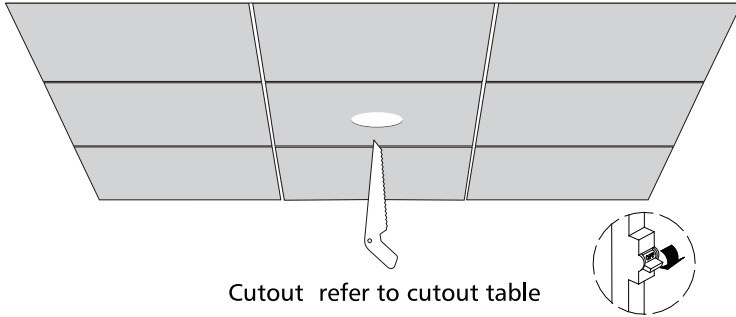
Model No.	IBSP100CT055	IBSP100CT075H69	IBSP100CT075H90	IBSP100CT075H117
Size(mm)	Ø64*76	Ø83*69	Ø83*90	Ø83*117
Cutout(mm)	Ø55-58	Ø75-78	Ø75-78	Ø75-78
Watt(W)	8W	10W	15W	25W
Luminous Flux (lm) @4000K	700	1000	1500	2500
Light Source	COB LED			
LED Brand	Bridgelux / Cree (standard) / Hongli (optional)			
SDCM	<5			
CCT(K)	2700K / 3000K / 3500K / 4000K / 5700K / 6500K			
CRI	Ra≥80/90			
Beam Angle (°)	15° / 24° / 36° / 50°	15° / 24° / 38° / 45° / 60°		
UGR	<16			
LED Driver	Lifud / BOKE / Tridonic			
Rated Input Voltage(V)	AC200-240V 50/60Hz			
Power Factor	>0.9			
Efficiency	≥82%	≥82%	≥82%	≥87%
Rated Input Current	≤0.07A	≤0.08A	≤0.08A	≤0.14A
Full load output voltage	DC 30-40V	DC 30-42V	DC 30-40V	DC 28-42V
Rated output current	200mA	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			
Finishing color	Black / White			
Material	Aluminium			
IP Rating	IP20; IP65 on the visible part of the product once installed			
Lifetime (hr)	50,000			
Operating Temp.(°C)	-20°C~45°C			
Storage Temp.(°C)	-20°C~65°C			

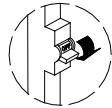
WARNING

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.

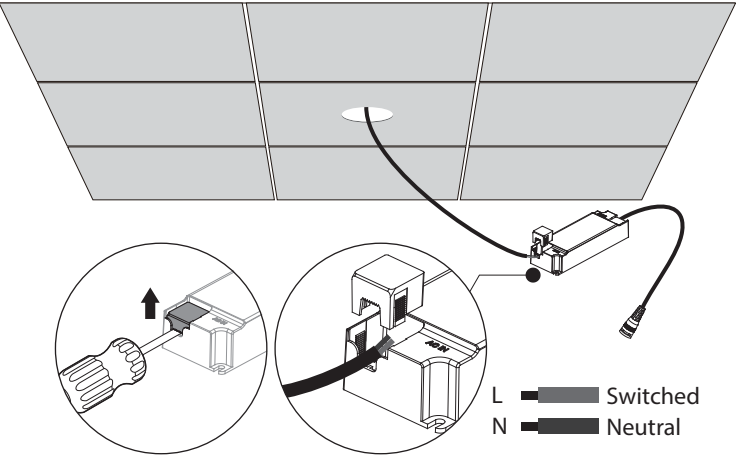




- Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.



Cutout refer to cutout table 

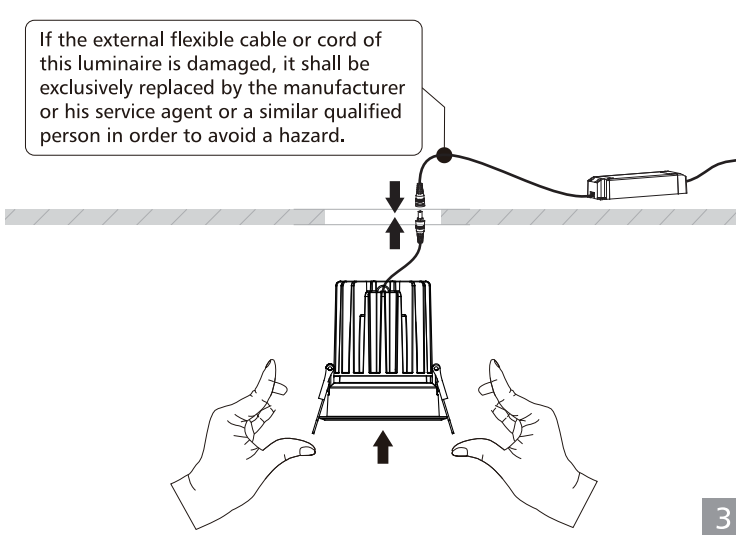
Item	Model	Size (mm)	Cutou (mm)
1	IBSP100CT055	Ø64*76	Ø55-58
2	IBSP100CT075H69	Ø83*69	Ø75-78
3	IBSP100CT075H90	Ø83*90	Ø75-78
4	IBSP100CT075H117	Ø83*117	Ø75-78

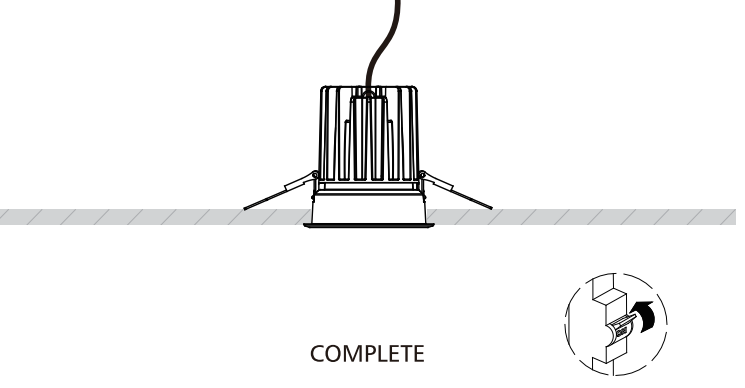


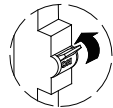
L  Switched
N  Neutral

Connect power supply


If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.





COMPLETE 

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



Caution, risk of Electric shock.