

IBSP133-PRO Series LED Downlight-High lumen | Honeycomb Louver Optional

Key Features

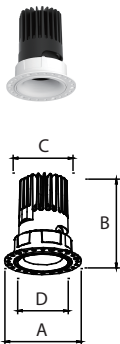
- **High Lumen Output**
Enhanced lumen packages (10W / 20W / 28W) deliver higher brightness, reducing the number of fixtures required.
- **Efficient Project Solution**
Higher output per fixture improves installation efficiency and lowers overall system cost.
- **Scalable Modular System**
Same multi-module configurations (1-4 heads) with upgraded performance, maintaining design consistency.
- **Unified Design Language**
Seamless integration with standard series for mixed-use projects.
- **Robust Thermal & Electrical Stability**
Engineered for stable performance under higher output conditions.



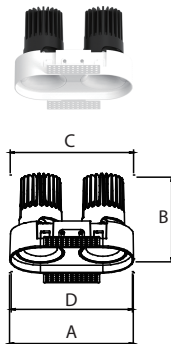
Applications

Designed for:

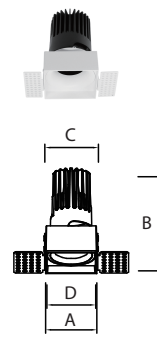
- **Large-Scale Commercial Projects** : Shopping malls, open offices, and public areas requiring higher illumination levels.
- **Hospitality Public Areas** : Lobbies, reception zones, and circulation spaces with higher ceiling heights.
- **Retail** : Spaces needing stronger ambient lighting combined with accent layers.
- **Architectural Projects** : Ideal where both performance and clean ceiling aesthetics are required.



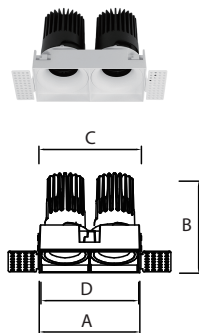
IBSP133CT055-PRO
IBSP133CT075-PRO
IBSP133CT095-PRO



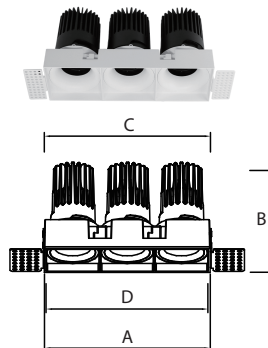
IBSP133CT055-2H-PRO
IBSP133CT075-2H-PRO
IBSP133CT095-2H-PRO



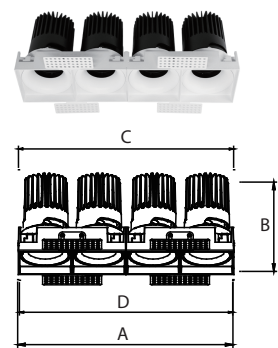
IBSP133SCT055-PRO
IBSP133SCT075-PRO
IBSP133SCT095-PRO



IBSP133SCT055-2H-PRO
IBSP133SCT075-2H-PRO
IBSP133SCT095-2H-PRO



IBSP133SCT055-3H-PRO
IBSP133SCT075-3H-PRO
IBSP133SCT095-3H-PRO



IBSP133SCT055-4H-PRO
IBSP133SCT075-4H-PRO
IBSP133SCT095-4H-PRO

Measurement

Model	Dimension(mm)				Model	Dimension(mm)			
	A	B	C	D		A	B	C	D
IBSP133CT055-PRO	75	90	52	44	IBSP133SCT055-2H-PRO	108	98	108	104
IBSP133CT075-PRO	95	110	72	63	IBSP133SCT075-2H-PRO	147	121	147	142
IBSP133CT095-PRO	115	130	91	82	IBSP133SCT095-2H-PRO	187	146	187	182
IBSP133CT055-2H-PRO	126	95	126	121	IBSP133SCT055-3H-PRO	160	98	160	156
IBSP133CT075-2H-PRO	177	121	177	174	IBSP133SCT075-3H-PRO	218	121	218	215
IBSP133CT095-2H-PRO	222	142	222	216	IBSP133SCT095-3H-PRO	279	146	279	275
IBSP133SCT055-PRO	54	98	54	51	IBSP133SCT055-4H-PRO	215	98	215	211
IBSP133SCT075-PRO	74	121	74	70	IBSP133SCT075-4H-PRO	292	121	292	288
IBSP133SCT095-PRO	94	146	94	90	IBSP133SCT095-4H-PRO	372	146	372	368

Technical Specifications

Model No.		IBSP133CT055-PRO IBSP133CT075-PRO IBSP133CT095-PRO	IBSP133CT055-2H-PRO IBSP133CT075-2H-PRO IBSP133CT095-2H-PRO	IBSP133SCT055-PRO IBSP133SCT075-PRO IBSP133SCT095-PRO	IBSP133SCT055-2H-PRO IBSP133SCT075-2H-PRO IBSP133SCT095-2H-PRO	IBSP133SCT055-3H-PRO IBSP133SCT075-3H-PRO IBSP133SCT095-3H-PRO	IBSP133SCT055-4H-PRO IBSP133SCT075-4H-PRO IBSP133SCT095-4H-PRO
Size(mm)		Ø75*H90 Ø95*H110 Ø115*H130	L126*W65*H95 L177*W88*H121 L222*W108*H142	L54*W54*H98 L74*W74*H121 L94*W94*H146	L108*W55*H98 L147*W74*H121 L187*W94*H146	L160*W55*H98 L218*W74*H121 L279*W94*H146	L215*W55*H98 L292*W74*H121 L372*W94*H146
Cutout(mm)		Ø55 Ø75 Ø95	L129*Ø70 L180*Ø93 L225*Ø113	L59*W56 L79*W76 L99*W96	L113*W57 L152*W77 L192*W97	L165*W57 L223*W76 L285*W96	L218*W60 L295*W80 L375*W100
Watt(W)		10W 20W 28W	2*10W 2*20W 2*28W	10W 20W 28W	2*10W 2*20W 2*28W	3*10W 3*20W 3*28W	4*10W 4*20W 4*28W
Optical	Luminous Flux (lm) @4000K	950 1900 2700	1700 3700 5600	950 1900 2700	1700 3700 5600	2700 5500 7900	3600 7400 10600
	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°					
	UGR	<13					

Technical Specifications

Model No.		IBSP133CT055-PRO	IBSP133CT075-PRO	IBSP133CT095-PRO
		IBSP133CT055-2H-PRO	IBSP133CT075-2H-PRO	IBSP133CT095-2H-PRO
		IBSP133SCT055-PRO	IBSP133SCT075-PRO	IBSP133SCT095-PRO
		IBSP133SCT055-2H-PRO	IBSP133SCT075-2H-PRO	IBSP133SCT095-2H-PRO
		IBSP133SCT055-3H-PRO	IBSP133SCT075-3H-PRO	IBSP133SCT095-3H-PRO
		IBSP133SCT055-4H-PRO	IBSP133SCT075-4H-PRO	IBSP133SCT095-4H-PRO
Electrical	LED Driver	Lifud / BOKE / Tridonic		
	Rated Input Voltage(V)	AC200-240V 50/60Hz		
	Power Factor	>0.9		
	Efficiency	≥82%	≥86%	≥86%
	Rated Input Current	≤0.07A	≤0.14A	≤0.24A
	Full load output voltage	DC30-42V	DC28-42V	DC30-42V
	Rated output curent	250mA / 2*250mA / 3*250mA / 4*250mA	500mA / 2*500mA / 3*500mA / 4*500mA	700mA / 2*700mA / 3*700mA / 4*700mA
	Dimming Option	Non-dimma ble / 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		
Mechanical	Withstand voltage	I/P-O/P:3.75KV AC		
	Finishing color	Black / White		
	Material	Aluminium		
Environmental	IP Rating	IP50		
	Lifetime (hr)	50,000		
	Operating Temp.(°C)	-20°C~45°C		
	Storage Temp.(°C)	-20°C~65°C		

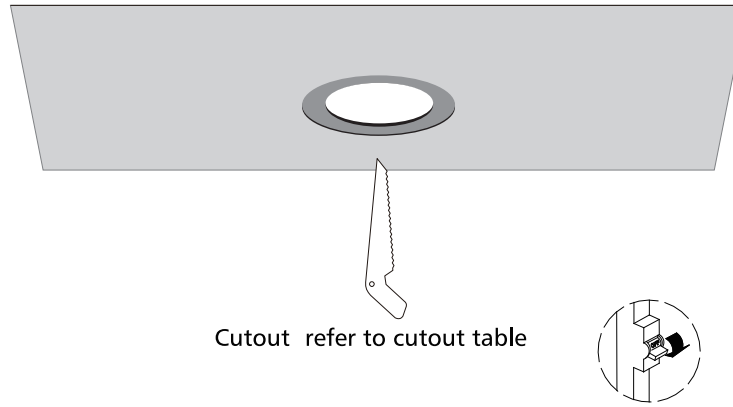
Installation Procedure

WARNING

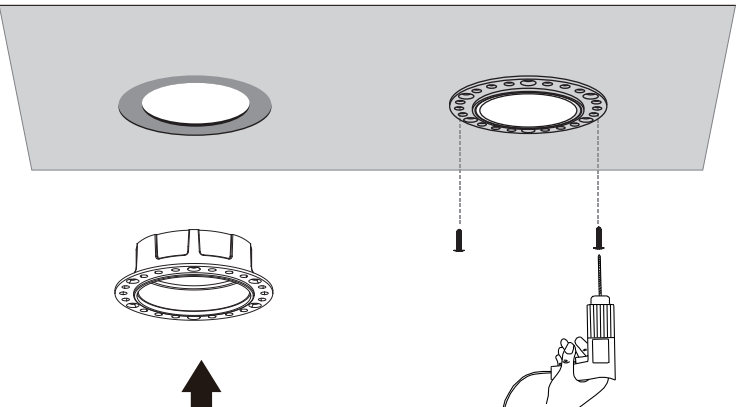
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

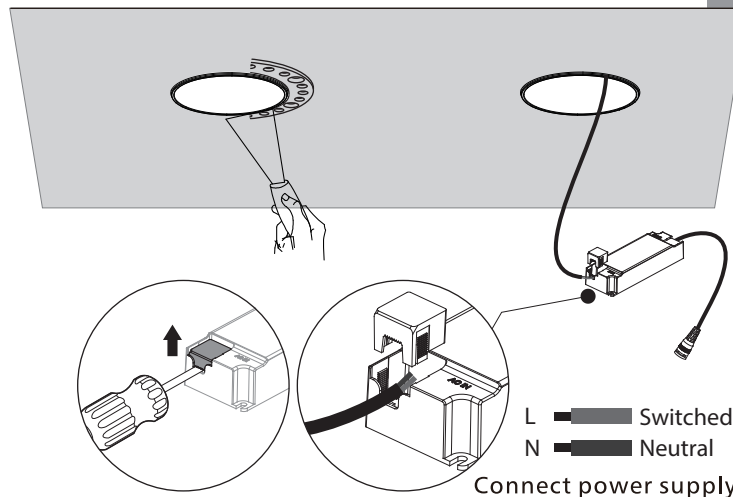


-  Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.



Cutout refer to cutout table

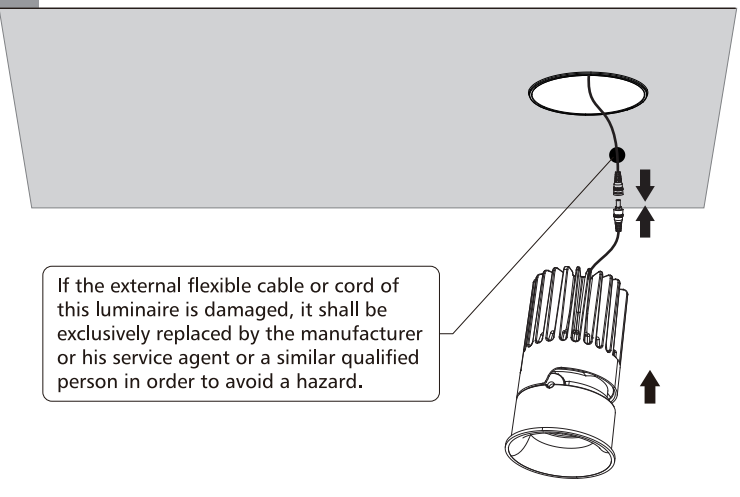




1 2

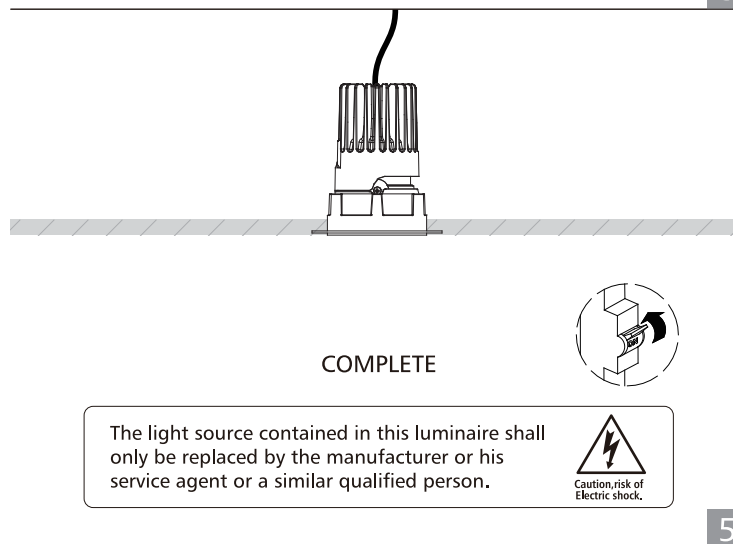
L — Switched
N — Neutral

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.

3 4



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.

5

Item	Product Size (mm)	Cutout(mm)
1	Ø75*H90	Ø55
2	Ø95*H110	Ø75
3	Ø115*H130	Ø95
4	L126*W65*H95	L129*Ø70
5	L177*W88*H121	L180*Ø93
6	L222*W108*H142	L225*Ø113

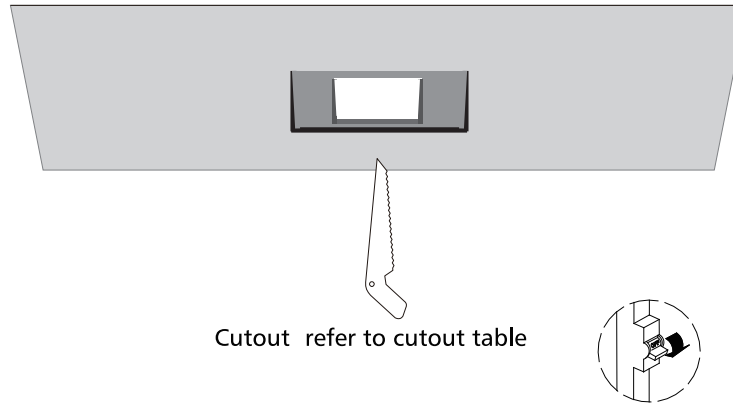
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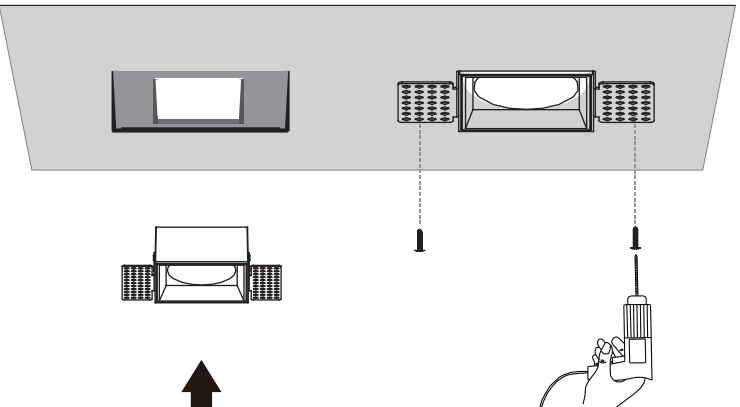


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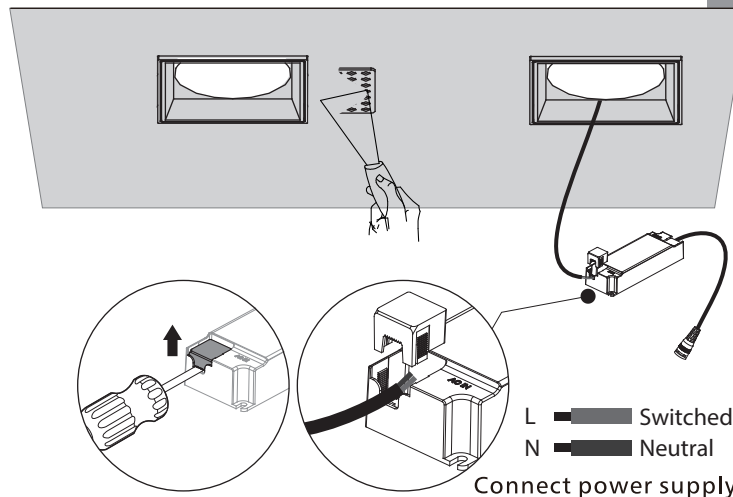


Cutout refer to cutout table

1



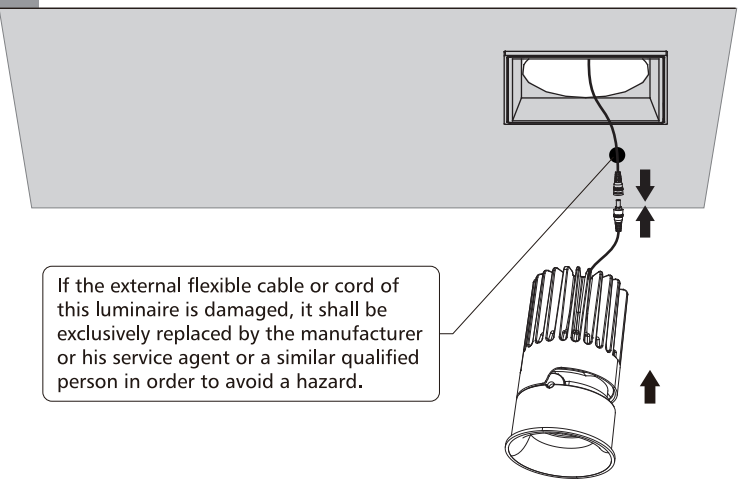
2



Connect power supply

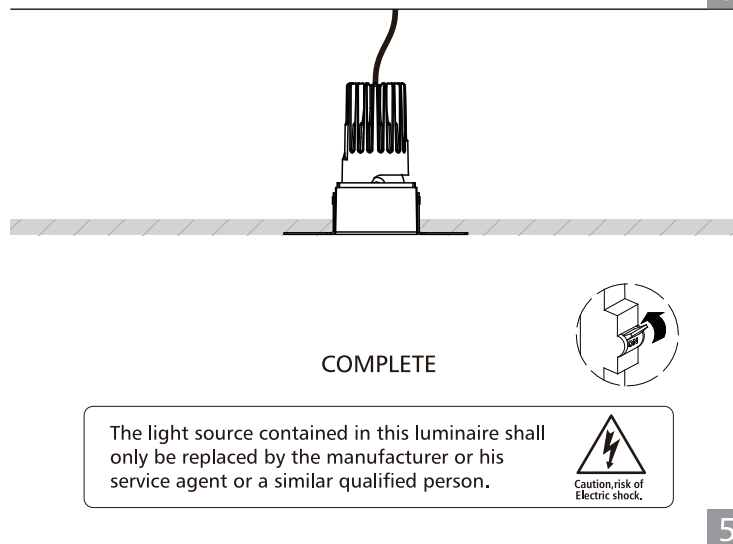
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3



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.

4



COMPLETE

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

5

Item	Product Size (mm)	Cutout(mm)
1	L54*W54*H98	L59*W56
2	L74*W74*H121	L79*W76
3	L94*W94*H146	L99*W96
4	L108*W55*H98	L113*W57
5	L147*W74*H121	L152*W77
6	L187*W94*H146	L192*W97
7	L160*W55*H98	L165*W57
8	L218*W74*H121	L223*W76
9	L279*W94*H146	L285*W96
10	L215*W55*H98	L218*W60
11	L292*W74*H121	L295*W80
12	L372*W94*H146	L375*W100

