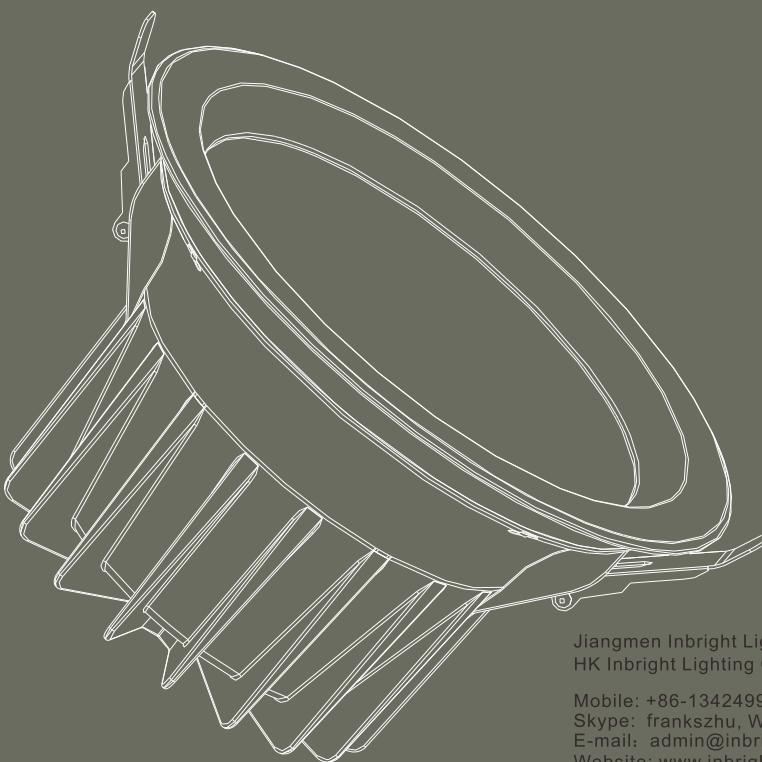


Inbright | Product Catalogue 2025

Interior LED lighting product manufacturer



Jiangmen Inbright Lighting Co.,Ltd
HK Inbright Lighting Co.,Limited
Mobile: +86-13424998756, Phone: +86-0750-3761060,3761075
Skype: frankszhu, Whatsapp:+86-13424998756
E-mail: admin@inbright-lighting.com
Website: www.inbright-lighting.com

Factory Address: 8F Building 2, No.442, Wuyi Road, Jianghai District, Jiangmen City, Guangdong, PR China.



Company Introduction

MISSION

To provide the best lighting solutions for customers
To create a platform for employees' self-value fulfillment

VISION

To become the most trusted global provider of commercial lighting solutions

VALUES

Professional: Understand customer needs, product advantages, and customer problems that we can solve.

Innovative: Gain a deep understanding of market demands and continuously enhance the value of our products and services.

Efficient: Quick response, quick solution, timely summary, result-oriented.

Responsible: Acting sincerely, keeping promise, demonstrating dedication and collaboration, Taking responsibility.

Jiangmen Inbright Lighting Co., Ltd. is located in Jiangmen City, Guangdong Province and specialized in the manufacturing of LED lighting products with the business covering the R&D, production and sales of a series of LED commercial lighting products. The main products of Inbright include: LED down lights, LED track lights, LED tri-proof lights, LED light strips, etc. The products are widely used in various indoor lighting projects, such as hotels, villas, shopping malls, stores, offices, schools, hospitals, etc.

Inbright has passed the ISO 9001 Quality Management System Certification, and the products are certified by international certifications such as CB, SAA, CE, RoHS, and SASO. The Company possesses complete testing equipment: IES light distribution curve tester (darkroom), integrating-sphere spectrum tester, constant temperature and constant humidity aging chamber, light transmittance tester, etc., and is also providing customers with professional ODM and OEM services. The product sales ratio of the Company: 90% for export and 10% for domestic sales. Inbright is committed to providing the most valuable lighting solutions for customers and becoming the most trusted provider of engineering lighting solutions.

Some Partners To InBright



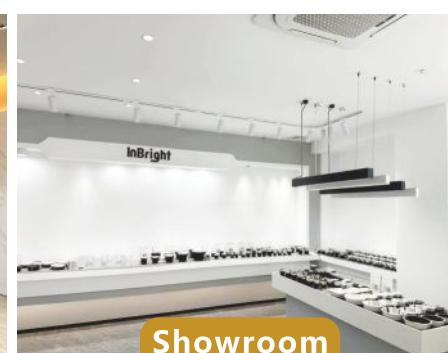
Our Factory Overview



Factory exteriors



Office



Showroom



Production lines



Integrating Sphere



CPM Distribution Photometer Test System

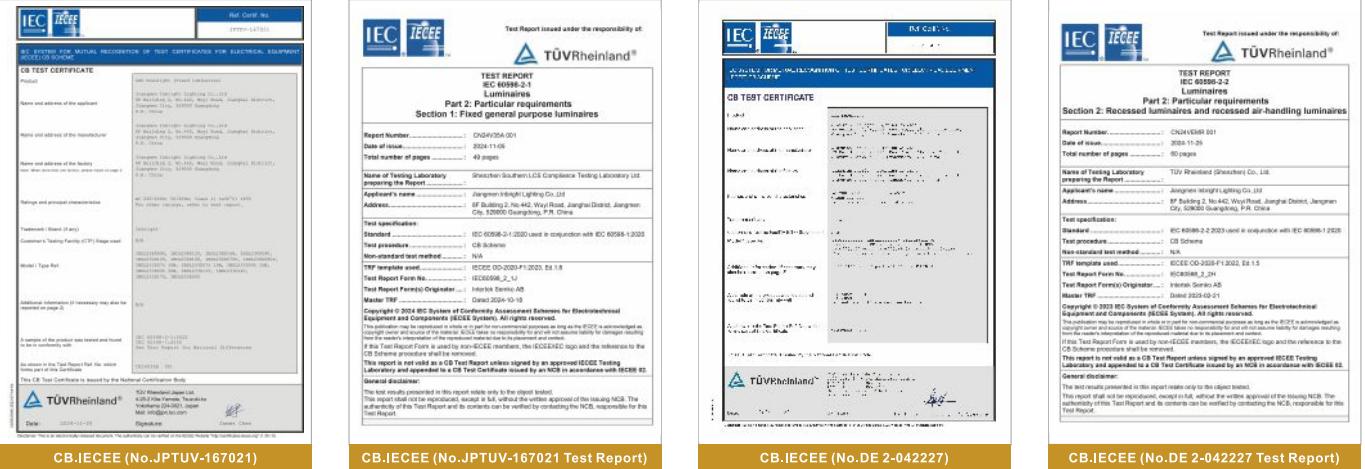


Constant Temperature And Humidity Testing Machine

CERTIFICATION



CERTIFICATION



PRODUCT CONTENTS

Lobby & Reception



Guestroom & Suite



Restaurant



Conference Room & Office



PRODUCT CONTENTS

Corridor & Hallway



Bathroom & SPA

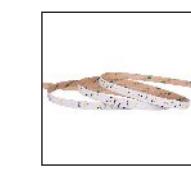


Parking Area



Shop

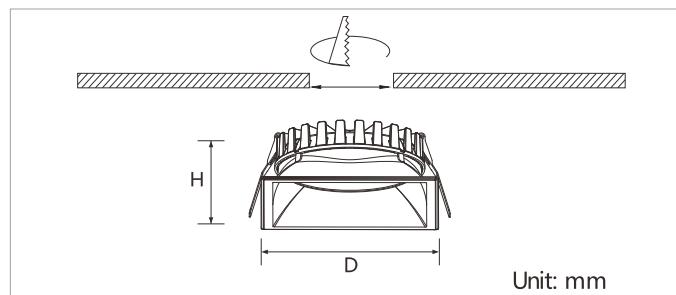


PRODUCT CONTENTS**Product Contents****P05-P06****LED Downlight
Wide Beam Series****P07-P14****LED Downlight
Narrow/Medium Beam Series****P15-P49****PRODUCT CONTENTS****LED Downlight-Multiple Series****P50****LED Downlight-Surface Mount Series****P51-55****LED Track Spotlight****P56-57****LED Weatherproof Light****P58**W126 | W136 | W146 | W156
W226 | W236 | W246
P58**LED Strip Light****P59****Lighting Terminology****P60-P66**

Deep Trim Square Recessed LED Downlight | Optional CCT Switch

Model IBDL226S
Wattage 20W | 35W | 42W
CRI 80 | 90
CCT 2700K | 3000K | 3500K | 4000K
Beam 100°
Finish Matt white or black trim
Material Die-casting alu. trim and heatsink, PC. Diffuser
Driver Constant current remote LED driver included

Application Lobby & Reception Restaurant
 Conference Room & Office Corridor & Hallway
 Shop



Model	Watts	LxWxH(mm)	Cutout(mm)	Lumen(lm/w)
IBDL226SCT115	20W	L129xW129xH69	L115xW115	100-120
IBDL226SCT115-CCT	20W	L129xW129xH69	L115xW115	100-120
IBDL226SCT175	35W	L190xW190xH74	L170xW170	100-120
IBDL226SCT175-CCT	35W	L190xW190xH74	L170xW170	100-120
IBDL226SCT200	42W	L220xW220xH84	L200xW200	100-120
IBDL226SCT200-CCT	42W	L220xW220xH84	L200xW200	100-120

Fixed

SMD2835



Beam angle 100°



Lumen>100lm/w



IP20; IP54 on the visible part of the product once installed



PC diffuser \ Prismatic diffuser

**ORDERING INFORMATION**

Example : IBDL226SCT200-42W-30-ND

Model	Wattage	CCT	Dimming
IBDL226SCT200	42W	30	N D
IBDL226SCT115	20W	27 2700K	ND Non Dim
IBDL226SCT175	35W	30 3000K	TD Triac Dim
IBDL226SCT200	42W	35 3500K	VD 0/1-10V Dim
		40 4000K	DA DALI Dim
		50 5000K	
		57 5700K	
		65 6500K	

Shallow Trim Recessed LED Downlight**Fixed****ORDERING INFORMATION**

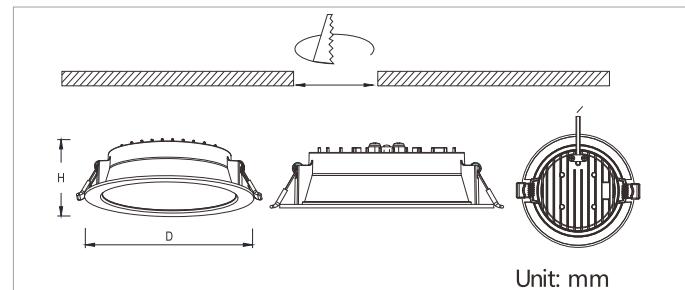
Example : IBDL229CT200-40W-30-ND

Model	Wattage	CCT	Dimming
IBDL229CT200	40W	30	N D
IBDL229CT090	15W	27 2700K	ND Non Dim
IBDL229CT120	20W	30 3000K	TD Triac Dim
IBDL229CT150	28W	35 3500K	VD 0/1-10V Dim
IBDL229CT200	40W	40 4000K	DA DALI Dim
		50 5000K	
		57 5700K	
		65 6500K	

Flat Trim Recessed LED Downlight - ECO

Model	IBDL240
Wattage	15W 22W 32W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	150°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, PC. Diffuser
Driver	Constant current remote LED driver included

Application	Lobby & Reception	Restaurant
	Conference Room & Office	Corridor & Hallway
	Shop	

**Fixed**

Fixed



SMD2835



Beam angle 150°



Finish



Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)
IBDL240CT120	15W	Ø135×H38	Ø125	100-120
IBDL240CT145	22W	Ø170×H38	Ø150	100-120
IBDL240CT215	32W	Ø228×H38	Ø200	100-120

ORDERING INFORMATION

Example : IBDL240CT120-15W-30-ND

Model	Wattage	CCT	Dimming
IBDL240CT120	15W	30	N D
IBDL240CT120	15W	27 2700K	ND Non Dim
IBDL240CT145	22W	30 3000K	TD Triac Dim
IBDL240CT145	22W	35 3500K	TD Triac Dim
IBDL240CT215	32W	40 4000K	VD 0/1-10V Dim
IBDL240CT215	32W	50 5000K	DA DALI Dim
IBDL240CT215	32W	57 5700K	DA DALI Dim
IBDL240CT215	32W	65 6500K	DA DALI Dim

Deep Trim Recessed LED Downlight - ECO**Fixed**

Fixed



SMD2835



Beam angle 90°



Glare cut-off 40°



Finish

**ORDERING INFORMATION**

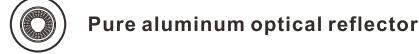
Example : IBDL141CT110-15W-30-ND

Model	Wattage	CCT	Dimming
IBDL141CT110	15W	30	N D
IBDL141CT110	15W	27 2700K	ND Non Dim
IBDL141CT165	25W	30 3000K	TD Triac Dim
IBDL141CT200	35W	35 3500K	VD 0/1-10V Dim
IBDL141CT200	35W	40 4000K	DA DALI Dim
IBDL141CT200	35W	50 5000K	DA DALI Dim
IBDL141CT200	35W	57 5700K	DA DALI Dim
IBDL141CT200	35W	65 6500K	DA DALI Dim

Recessed LED Downlight | 60°, Ultra Low UGR<13, IP65, Safety Glass



Fixed



ORDERING INFORMATION

Example : IBDL125CT140-28W-30-60D-ND

Model	Wattage	CCT	Beam	Dimming
IBDL125CT140	28W	30	60°	N D
IBDL125CT115	18W	27	2700K	60°
IBDL125CT140	28W	30	3000K	ND Non Dim
IBDL125CT170	38W	35	3500K	TD Triac Dim
IBDL125CT200	48W	40	4000K	VD 0/1-10V Dim
IBDL125CT200	48W	50	5000K	DA DALI Dim
IBDL125CT220		57	5700K	
IBDL125CT220		65	6500K	

Recessed LED Downlight, IP65, Reflector Changeable



Fixed



ORDERING INFORMATION

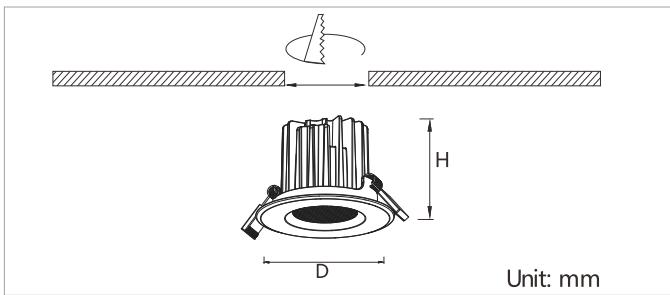
Example : IBSP128CT090-CB-15W-30-15D-ND

Model	Reflector	Wattage	CCT	Beam	Dimming
IBSP128CT090	CB	10W	30	15°	N D
IBSP128CT090	CM mirror	10W	27	2700K	ND Non Dim
IBSP128CT140	CB black	30W	30	3000K	TD Triac Dim
IBSP128CT180		40W	35	3500K	VD 0/1-10V Dim
IBSP128CT200		50W	40	4000K	DA DALI Dim
		50	50	5000K	
		57	57	5700K	
		65	65	6500K	

Flat Trim Recessed LED Downlight | Safety Glass, Honeycomb Louver Optional

Model	IBSP112
Wattage	10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 45° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, Glass.
Driver	Constant current remote LED driver included

Application Guestroom & Suite Corridor & Hallway
 Restaurant Bathroom & SPA



Fixed



COB LED



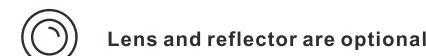
Height 48mm only



Beam Angle: 15°|24°|38°|45°|60°



IP65 with safety glass



Lens and reflector are optional



ORDERING INFORMATION

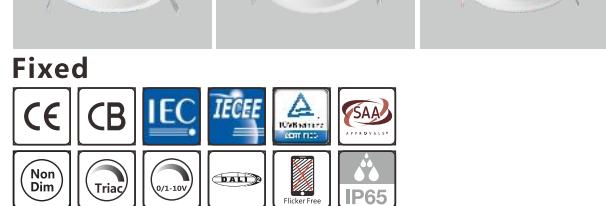
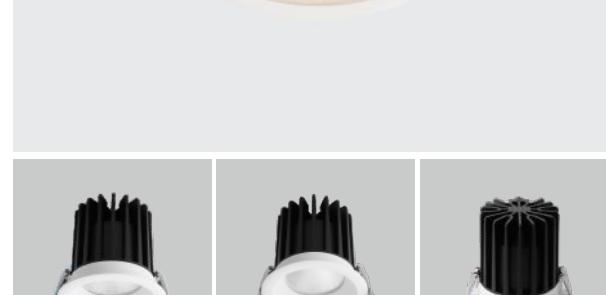
Example : IBSP112CT085H48-10W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP112CT085H48	10W	30	15°	N D
IBSP112CT085H48	10W	27	2700K	15° ND Non Dim
IBSP112CT085H48	15W	30	3000K	24° TD Triac Dim
IBSP112CT085H48	25W	35	3500K	38° VD 0/1-10V Dim
		40	4000K	45° DA DALI Dim
		50	5000K	
		57	5700K	
		65	6500K	

Shallow Trim Recessed LED Downlight | Safety Glass, Honeycomb Louver Optional

Model	IBSP115
Wattage	10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 45° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, Glass.
Driver	Constant current remote LED driver included

Application Guestroom & Suite Corridor & Hallway
 Restaurant Bathroom & SPA



Fixed



COB LED



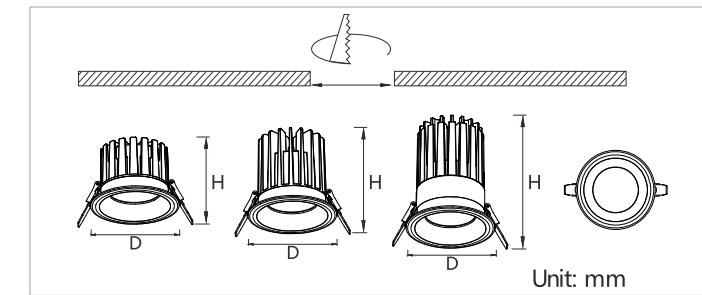
Beam Angle: 15°|24°|38°|45°|60°



IP65 with safety glass



Lens and reflector are optional



Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)
IBSP115CT075H57	10W	Ø83xH57	Ø75	90-100
IBSP115CT075H78	15W	Ø83xH78	Ø75	90-100
IBSP115CT075H105	25W	Ø83xH105	Ø75	90-100

ORDERING INFORMATION

Example : IBSP115CT075H57-10W-30-15D-ND

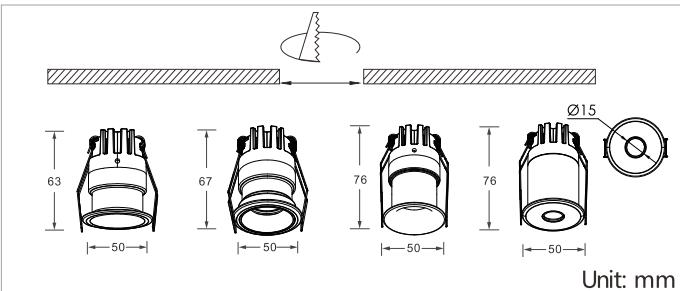
Model	Wattage	CCT	Beam	Dimming
IBSP115CT075H57	10W	30	15°	N D
IBSP115CT075H57	10W	27	2700K	15° ND Non Dim
IBSP115CT075H57	15W	30	3000K	24° TD Triac Dim
IBSP115CT075H57	25W	35	3500K	38° VD 0/1-10V Dim
		40	4000K	45° DA DALI Dim
		50	5000K	
		57	5700K	
		65	6500K	

LED Downlight Narrow / Medium Beam Series

Mini Recessed LED Downlight | White/Black Trim, Reflector Changeable, Curve Fixed, Pin-hole

Model	IBSP221
Wattage	3-7W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 50°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, lens.
Driver	Constant current remote LED driver included

Application  Corridor & Hallway  Display Cases



ORDERING INFORMATION

Example : IBSP221CT042-3-7W-30-ND

Model	Wattage	CCT	Dimming
IBSP221CT042	—	3-7W	—
IBSP221CT042	3-7W	27 2700K	ND Non Dim
IBSP221CT042PIN	3-7W	30 3000K	
		35 3500K	
		40 4000K	
		50 5000K	
		57 5700K	
		65 6500K	

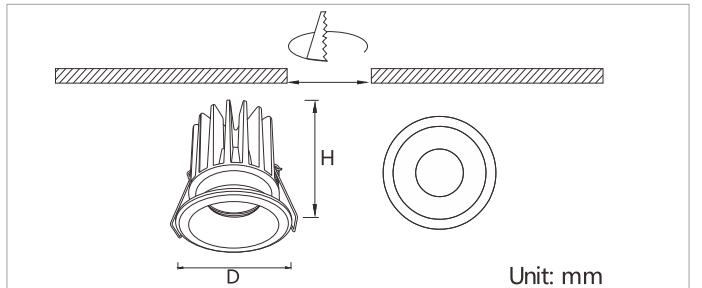
LED Downlight Narrow / Medium Beam Series

Deep Trim Recessed LED Downlight | Safety Glass, Honeycomb Louver Optional



Model	IBSP101
Wattage	8W 10W 15W 25W 28W 40W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45° 50° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, Glass.
Driver	Constant current remote LED driver included

Application	 Lobby & Reception  Corridor & Hallway
	 Guestroom & Suite  Bathroom & SPA
	 Restaurant  Conference Room & Office
	 Shop



Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)	Beam Angle
IBSP101CT055	8W	Ø 65xH76	Ø 55	80-100	15° 24° 36° 50°
IBSP101CT075H74	10W	Ø 85xH74	Ø 75	90-100	15° 24° 38° 45° 60°
IBSP101CT075H94	15W	Ø 85xH94	Ø 75	90-100	15° 24° 38° 45° 60°
IBSP101CT075H122	25W	Ø 85xH122	Ø 75	90-100	15° 24° 38° 45° 60°
IBSP101CT095	28W	Ø 105xH120	Ø 95	90-100	15° 24° 38° 45° 60°
IBSP101CT095H135	40W	Ø 105xH135	Ø 95	90-100	15° 24° 38° 45° 60°

ORDERING INFORMATION

Example : IBSP101CT055-8W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP101CT055	—	8W	—	N D
IBSP101CT055	8W	27 2700K	15°	ND Non Dim
IBSP101CT075H74	10W	30 3000K	24°	TD Triac Dim
IBSP101CT075H94	15W	35 3500K	36°	VD 0/1-10V Dim
IBSP101CT075H122	25W	50 4000K	38°	DA DALI Dim
IBSP101CT095	28W	57 5000K	45°	
IBSP101CT095H135	40W	65 5700K	50°	
		65 6500K	60°	

LED Downlight Narrow / Medium Beam Series

Deep Trim Square Recessed LED Downlight | Safety Glass, Optional Honeycomb Louver



Fixed



Beam Angle: 15° | 24° | 38° | 45° | 50° | 60°



Lens and reflector are optional



ORDERING INFORMATION

Example : IBSP101SCT055-8W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP101SCT055	8W	30	15°	N D
IBSP101SCT055	8W	27	2700K	15°
IBSP101SCT075H74	10W	30	3000K	24°
IBSP101SCT075H94	15W	35	3500K	36°
IBSP101SCT075H122	25W	40	4000K	38°
IBSP101SCT095	28W	50	5000K	45°
IBSP101SCT095H135	40W	57	5700K	50°
IBSP101SCT095H135	40W	65	6500K	60°

LED Downlight Narrow / Medium Beam Series

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



Fixed



Beam Angle: 15° | 24° | 38° | 45°



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP110CT075H92-10W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP110CT075H92	10W	30	15°	N D
IBSP110CT075H92	10W	27	2700K	15°
IBSP110CT075H113	15W	30	3000K	24°
IBSP110CT075H113	15W	35	3500K	38°
IBSP110CT075H139	25W	40	4000K	45°
IBSP110CT075H139	25W	50	5000K	50°
IBSP110CT075H139	25W	57	5700K	57°
IBSP110CT075H139	25W	65	6500K	65°

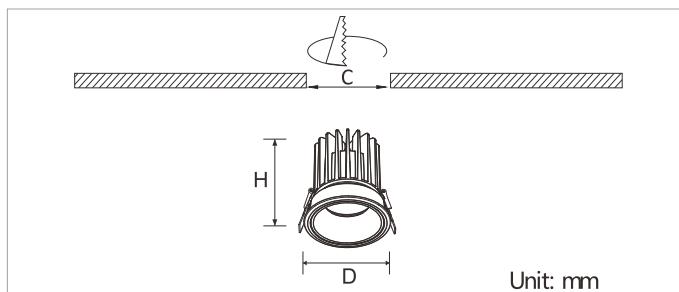
LED Downlight Narrow / Medium Beam Series

Deep Trim Recessed LED Downlight | Safety Glass, Reflector Changeable, Honeycomb Louver Optional



Model	IBSP100
Wattage	8W 10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45° 50° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, Glass.
Driver	Constant current remote LED driver included

Application	Lobby & Reception Corridor & Hallway Guestroom & Suite Bathroom & SPA Restaurant Conference Room & Office
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Model	Watts	DxH(mm)	Cutout(mm)	Lumen(lm/w)	Beam Angle
IBSP100CT055	8W	Ø 65xH76	Ø 55	80-100	15° 24° 36° 50° 60°
IBSP100CT075H69	10W	Ø 83xH69	Ø 75	90-100	15° 24° 38° 45° 60°
IBSP100CT075H90	15W	Ø 83xH90	Ø 75	90-100	15° 24° 38° 45° 60°
IBSP100CT075H117	25W	Ø 83xH117	Ø 75	90-100	15° 24° 38° 45° 60°

Fixed



Beam Angle: 15°|24°|36°|38°|45°|50°|60°



Honey comb is available



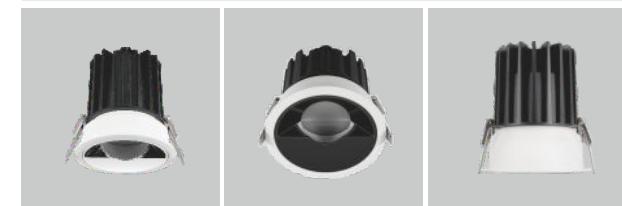
ORDERING INFORMATION

Example : IBSP100CT055-8W-30-ND

Model	Wattage	CCT	Dimming
IBSP100CT055	8W	30	N D
IBSP100CT055	8W	27 2700K	ND Non Dim
IBSP100CT075H69	10W	30 3000K	TD Triac Dim
IBSP100CT075H90	15W	35 3500K	VD 0/1-10V Dim
IBSP100CT075H90	15W	40 4000K	DA DALI Dim
IBSP100CT075H117	25W	50 5000K	
		57 5700K	
		65 6500K	

LED Downlight Narrow / Medium Beam Series

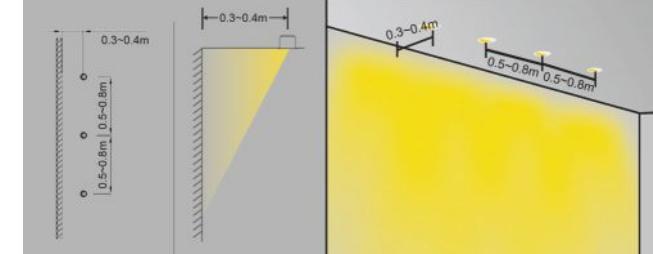
Asymmetrical Beam Recessed LED Downlight | IP65, Safety Glass



Fixed-Asymmetrical Beam



Beam Angle: 24°



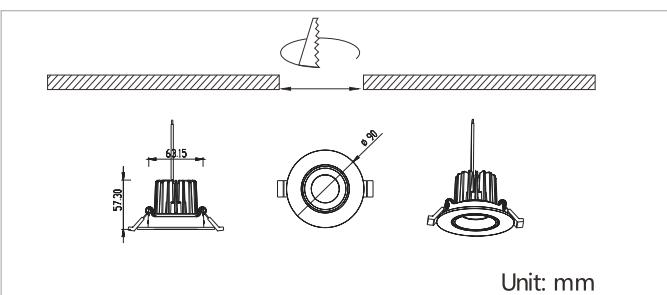
ORDERING INFORMATION

Example : IBSP137CT055-8W-30-24D-ND

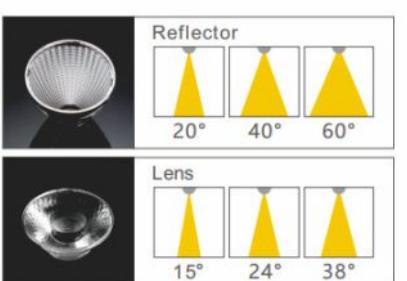
Model	Wattage	CCT	Reflector Lens	Dimming
IBSP137CT055	8W	30	24°	N D
IBSP137CT055	8W	27 2700K	24°	ND Non Dim
IBSP137CT075H69	10W	30 3000K	TD Triac Dim	
IBSP137CT075H90	15W	35 3500K	VD 0/1-10V Dim	
IBSP137CT075H90	15W	40 4000K	DA DALI Dim	
IBSP137CT075H117	25W	50 5000K		
		57 5700K		
		65 6500K		

Adjustable Recessed LED Downlight - 15°| 30° Vertical Adjustable, IP50

Model	IBSP116
Wattage	8W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	Reflector 20° 40° 60° Lens 15° 24° 38°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink
Driver	Constant current remote LED driver included
Application	Guestroom & Suite Corridor & Hallway Restaurant



Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)
IBSP116CT70	8 W	Ø90 x H53	Ø70-80	80-100

**Adjustable**

Adjustable vertical 30°



UGR<17

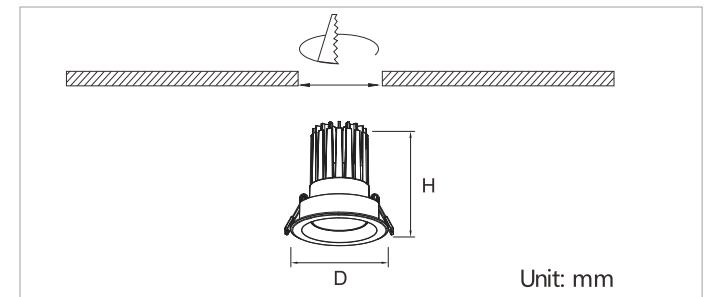
**ORDERING INFORMATION**

Example : IBSP116CT70-RC-8W-30-15D-ND

Model	Reflector	Wattage	CCT	Reflector Lens	Dimming
IBSP116CT70	RC	8W	30	15°	N D
IBSP116CT70	RC Clear reflector	8W	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 57 5700K 65 6500K	15° 24° 38°	ND Non Dim TD Triac Dim VD 0/1-10V Dim DA DALI Dim
	RF Frosted reflector				
	LN Lens				

Shallow Trim Recessed LED Downlight with Glass Diffuser, Honeycomb louver Optional

Model	IBSP151
Wattage	8W 10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45° 50° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, and reflector.
Driver	Constant current remote LED driver included



Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)	Beam Angle
IBSP151CT075H72	8W	Ø85 x H72	Ø75	80-100	15° 24° 36° 50°
IBSP151CT075H76	15W	Ø85 x H76	Ø75	90-100	15° 24° 36° 50°
IBSP151CT095H67	10W	Ø105 x H67	Ø95	90-100	15° 24° 38° 45° 60°
IBSP151CT095H88	15W	Ø105 x H88	Ø95	90-100	15° 24° 38° 45° 60°
IBSP151CT095H114	25W	Ø105 x H114	Ø95	90-100	15° 24° 38° 45° 60°

ORDERING INFORMATION

Example : IBSP151CT075H72-8W-30-15D-ND

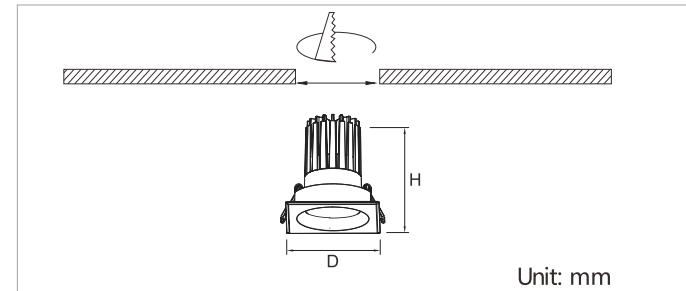
Model	Wattage	CCT	Reflector Lens	Dimming
IBSP151CT075H72	8W	30	15°	N D
IBSP151CT075H76	8W	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 57 5700K 65 6500K	15°	ND Non Dim
IBSP151CT095H67	10W	30 3000K 35 3500K 40 4000K 50 5000K 57 5700K 65 6500K	24°	TD Triac Dim
IBSP151CT095H88	15W	40 4000K 50 5000K 57 5700K 65 6500K	36° 38°	VD 0/1-10V Dim
IBSP151CT095H114	25W	50 5000K 57 5700K 65 6500K	45° 50° 60°	DA DALI Dim

LED Downlight Narrow / Medium Beam Series

Square Shallow Trim Recessed LED Downlight with Glass Diffuser, Honeycomb louver Optional

Model	IBSP151S
Wattage	8W 10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45° 50° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application
 Lobby & Reception Corridor & Hallway
 Guestroom & Suite Restaurant

**Adjustable**

COB LED



Adjustable vertical 30°



Beam Angle:15°|24°|36°|38°|45°|50°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP151SCT075H72-8W-30-15D-ND

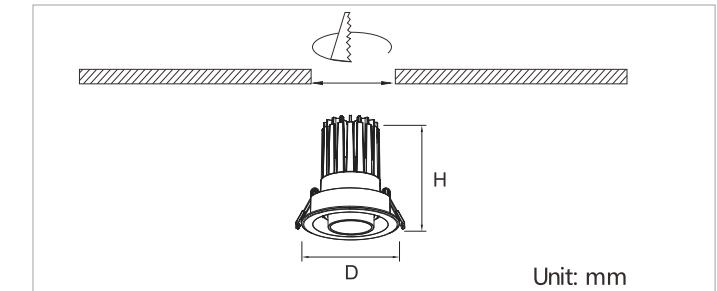
Model	Wattage	CCT	Reflector Lens	Dimming
IBSP151SCT075H72	8W	30	15°	N D
IBSP151SCT075H72	8W	27	2700K	15° ND Non Dim
IBSP151SCT075H76	10W	30	3000K	24° TD Triac Dim
IBSP151SCT095H67	15W	35	3500K	36° VD 0/1-10V Dim
IBSP151SCT095H88	25W	50	5000K	45° DA DALI Dim
IBSP151SCT095H114	25W	57	5700K	50°
		65	6500K	60°

LED Downlight Narrow / Medium Beam Series

Eyeball Recessed LED Downlight with Glass Diffuser, Honeycomb louver louver Optional

Model	IBSP151-EB
Wattage	8W 10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application
 Guestroom & Suite Corridor & Hallway
 Restaurant Conference Room & Office

**Adjustable**

COB LED



Adjustable vertical 30°



Beam Angle:15°|24°|36°|38°|45°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP151CT075H78-EB-8W-30-15D-ND

Model	Wattage	CCT	Reflector Lens	Dimming
IBSP151CT075H78-EB	8W	30	15°	N D
IBSP151CT075H78-EB	8W	27	2700K	15° ND Non Dim
IBSP151CT075H82-EB	10W	30	3000K	24° TD Triac Dim
IBSP151CT095H71-EB	15W	35	3500K	36° VD 0/1-10V Dim
IBSP151CT095H92-EB	25W	50	5000K	45° DA DALI Dim
IBSP151CT095H118-EB	25W	57	5700K	45°
		65	6500K	

Deep Trim Recessed LED Downlight IP65 with Glass Diffuser, Honeycomb louver Optional

Model	IBSP150
Wattage	8W 10W 15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45° 50° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application	Lobby & Reception Guestroom & Suite Restaurant	Corridor & Hallway Conference Room & Office Shop
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**Adjustable****ORDERING INFORMATION**

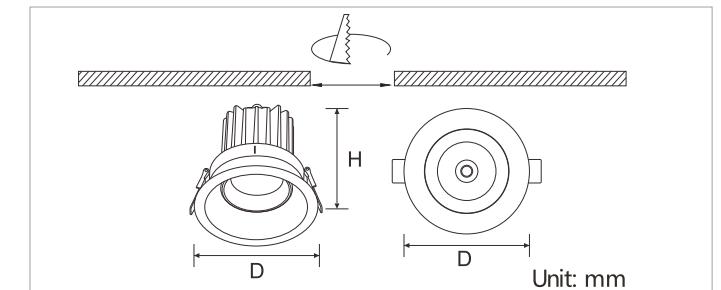
Example : IBSP150CT075H86-8W-30-15D-ND

Model	Wattage	CCT	Reflector Lens	Dimming
IBSP150CT075H86	8W	30	15°	N D
IBSP150CT075H90	10W	27	2700K	15° ND Non Dim
IBSP150CT095H86	15W	30	3000K	24° TD Triac Dim
IBSP150CT095H107	25W	35	3500K	36° VD 0/1-10V Dim
IBSP150CT095H134		40	4000K	38° DA DALI Dim
		50	5000K	45°
		57	5700K	50°
		65	6500K	60°

Deep Trim Adjustable LED Downlight IP65, Honeycomb Louver Optional

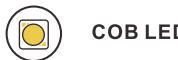
Model	IBSP104
Wattage	8W 10W 15W 25W 28W 40W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 36° 38° 45° 50° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application	Lobby & Reception Guestroom & Suite Restaurant	Corridor & Hallway Conference Room & Office Shop
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**Adjustable****ORDERING INFORMATION**

Example : IBSP104CT080-8W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP104CT080	8W	30	15°	N D
IBSP104CT080	8W	27	2700K	15° ND Non Dim
IBSP104CT080H86	10W	30	3000K	24° TD Triac Dim
IBSP104CT095H78	15W	35	3500K	36° VD 0/1-10V Dim
IBSP104CT095H98	15W	40	4000K	38° DA DALI Dim
IBSP104CT095H124	25W	50	5000K	45°
IBSP104CT120	40W	57	5700K	50°
IBSP104CT120H140	40W	65	6500K	60°

LED Downlight Narrow / Medium Beam Series**Eyeball Adjustable LED Downlight IP65, Honeycomb Louver Optional****Adjustable**

Adjustable:horizontal 355°+vertical 30°



Beam Angle: 15°|24°|36°|38°|45°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP104CT080-EB-8W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP104CT080-EB	8W	30	15°	N D
IBSP104CT080-EB	8W	27	2700K	15°
IBSP104CT080H86-EB	10W	30	3000K	24°
IBSP104CT095H78-EB	15W	35	3500K	36°
IBSP104CT095H98-EB	15W	40	4000K	38°
IBSP104CT095H124-EB	25W	50	5000K	45°
IBSP104CT120-EB	28W	57	5700K	
IBSP104CT120H140-EB	40W	65	6500K	

LED Downlight Narrow / Medium Beam Series**Square Adjustable LED Downlight IP65, Honeycomb Louver Optional****Adjustable**

Adjustable:horizontal 355°+vertical 30°



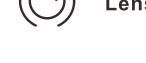
Beam Angle: 15°|24°|36°|38°|45°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP104SCT080-8W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP104SCT080	8W	30	15°	N D
IBSP104SCT080	8W	27	2700K	15°
IBSP104SCT080H86	10W	30	3000K	24°
IBSP104SCT095H78	15W	35	3500K	36°
IBSP104SCT095H98	25W	50	5000K	38°
IBSP104SCT095H124	28W	57	5700K	45°
IBSP104SCT120	40W	65	6500K	50°
IBSP104SCT120H140				60°

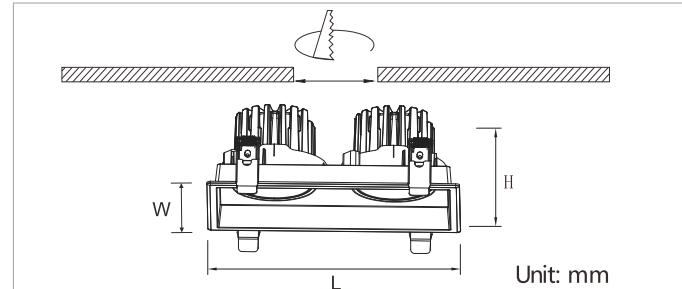
LED Downlight Narrow / Medium Beam Series

Twin-head Adjustable LED Downlight IP65, Honeycomb Louver Optional



Model	IBSP104S-2F
Wattage	2×10W 2×15W 2×25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 45° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application	Lobby & Reception Conference Room & Office Shop	Corridor & Hallway Restaurant
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Adjustable



COB LED



Adjustable:horizontal 355°+vertical 30°



Beam Angle: 15°|24°|38°|45°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP104SCT095H78-2F-2×10w-30-15-ND

Model	Wattage	CCT	Beam	Dimming
IBSP104SCT095H78-2F	— 2×10W —	30	15°	N D
IBSP104SCT095H78-2F	2×10W	27 2700K	15°	ND Non Dim
IBSP104SCT095H98-2F	2×15W	30 3000K	24°	TD Triac Dim
IBSP104SCT095H124-2F	2×25W	35 3500K 40 4000K 50 5000K 57 5700K 65 6500K	38° 45° 60°	VD 0/1-10V Dim DA DALI Dim

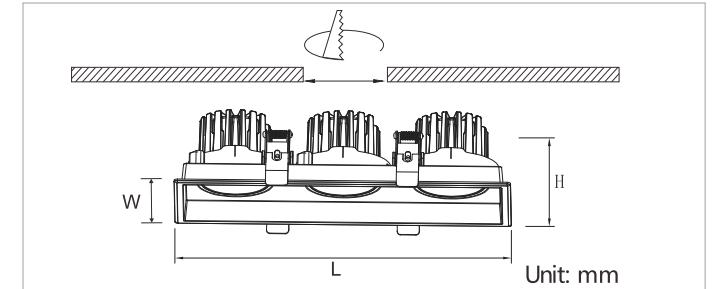
LED Downlight Narrow / Medium Beam Series

Triple-head Adjustable LED Downlight IP65, Honeycomb Louver Optional



Model	IBSP104S-3F
Wattage	3×10W 3×15W 3×25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 45° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application	Lobby & Reception Conference Room & Office Shop	Corridor & Hallway Restaurant
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Adjustable



COB LED



Adjustable:horizontal 355°+vertical 30°



Beam Angle: 15°|24°|38°|45°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP104SCT095H78-3F-3×10W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBSP104SCT095H78-3F	— 3×10W —	30	15°	N D
IBSP104SCT095H78-3F	3×10W	27 2700K	15°	ND Non Dim
IBSP104SCT095H98-3F	3×15W	30 3000K	24°	TD Triac Dim
IBSP104SCT095H124-3F	3×25W	35 3500K 40 4000K 50 5000K 57 5700K 65 6500K	38° 45° 60°	VD 0/1-10V Dim DA DALI Dim

Square LED Downlight IP65, Honeycomb Louver Optional**Adjustable/Fixed**

Adjustable: horizontal 350°+vertical 30°



Beam Angle:15°|24°|38°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP135SCT055-CGB-8W-30-15D-ND

Model	Reflector	Wattage	CCT	Beam	Dimming
IBSP135SCT055	GNB	8W	30	15°	N D
IBSP135SCT055	<CGB> Gun black	8W	27	2700K	15°
IBSP135SCT075	<CM> Mirror	18W	30	3000K	24°
IBSP135SCT095	<CW> Matt white	25W	35	3500K	38°
	<CB> Matt black		40	4000K	60°
	<CS> Matt silver		50	5000K	
	<CG> Golden		57	5700K	
			65	6500K	

Square LED Downlight IP65, Honeycomb Louver Optional**Adjustable/Fixed**

Adjustable: horizontal 350°+vertical 30°



Beam Angle:15°|24°|38°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP135SCT055-CGB-8W-30-15D-ND

Model	Reflector	Wattage	CCT	Beam	Dimming
IBSP135SCT055-2H	GNB	2x8W	30	15°	N D
IBSP135SCT055-2H	<CGB> Gun black	2x8W	27	2700K	15°
IBSP135SCT075-2H	<CM> Mirror	2x18W	30	3000K	24°
IBSP135SCT095-2H	<CW> Matt white	2x25W	35	3500K	38°
	<CB> Matt black		40	4000K	60°
	<CS> Matt silver		50	5000K	
	<CG> Golden		57	5700K	

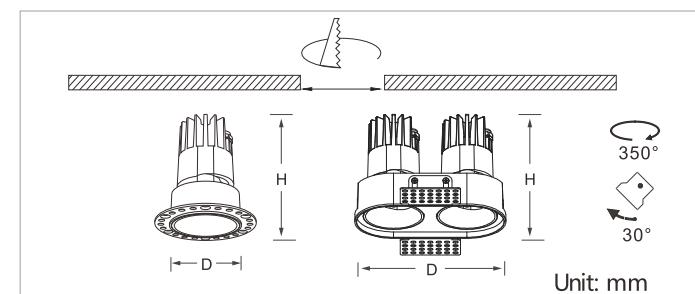
Trimless LED Downlight IP65, Honeycomb Louver Optional



350°
30°

Model	IBSP133
Wattage	8W 18W 25W 2x8W 2x18W 2x25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application
■ Lobby & Reception ■ Corridor & Hallway
■ Guestroom & Suite ■ Conference Room & Office



Adjustable/Fixed



Adjustable: horizontal 350°+vertical 30°



Beam Angle: 15°|24°|38°|60°



IP65 with safety glass



Honey comb is optional



Lens and reflector are optional

ORDERING INFORMATION

Example : IBSP133CT055-CGB-8W-30-15D-ND

Model	Reflector	Wattage	CCT	Beam	Dimming
IBSP133CT055	CGB	8W	30	15°	N D
IBSP133CT055 <CGB>	Gun black	8W	27 2700K	15°	ND Non Dim
IBSP133CT075 <CM>	Mirror	18W	30 3000K	24°	TD Triac Dim
IBSP133CT095 <CW>	Matt white	25W	35 3500K	38°	VD 0/1-10V Dim
IBSP133CT055-2H <CB>	Matt black	2x8W	40 4000K	60°	DA DALI Dim
IBSP133CT075-2H <CS>	Matt silver	2x18W	50 5000K		
IBSP133CT095-2H <CG>	Golden	2x25W	57 5700K		
			65 6500K		

Square Trimless LED Downlight IP65, Honeycomb Louver Optional



350°
30°

Model	IBSP133S
Wattage	8W 18W 25W 2x8W 2x18W 2x25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current remote LED driver included

Application
■ Lobby & Reception ■ Corridor & Hallway
■ Guestroom & Suite ■ Conference Room & Office



Adjustable/Fixed



Adjustable: horizontal 350°+vertical 30°



Beam Angle: 15°|24°|38°|60°



IP65 with safety glass



Honey comb is optional

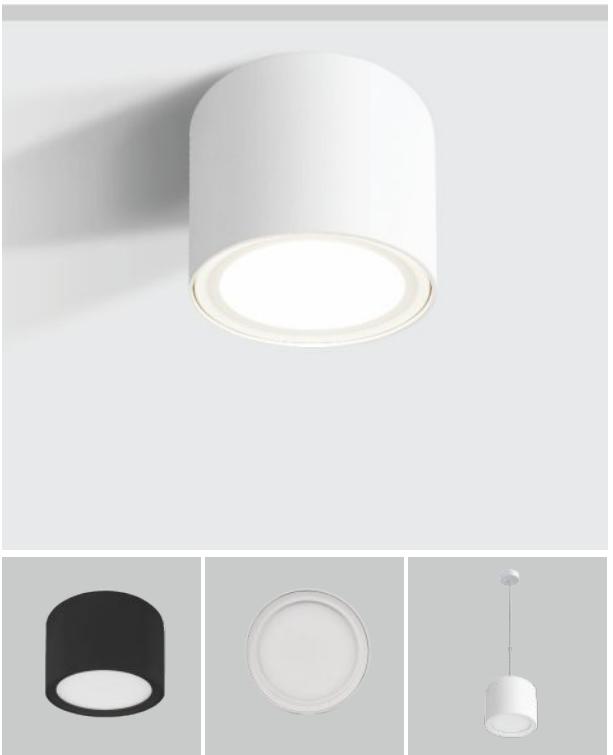


Lens and reflector are optional

ORDERING INFORMATION

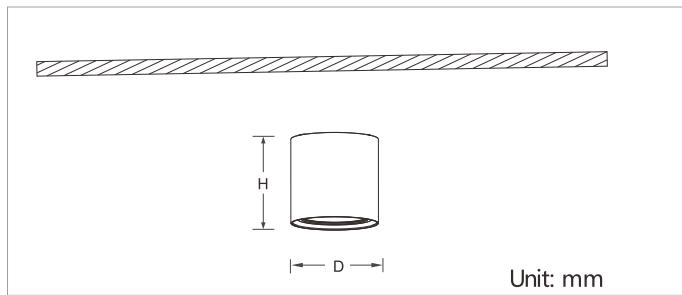
Example : IBSP133SCT055-CGB-8W-30-15D-ND

Model	Reflector	Wattage	CCT	Beam	Dimming
IBSP133SCT055	CGB	8W	30	15°	N D
IBSP133SCT055 <CGB>	Gun black	10W	27 2700K	15°	ND Non Dim
IBSP133SCT075 <CM>	Mirror	18W	30 3000K	24°	TD Triac Dim
IBSP133SCT095 <CW>	Matt white	25W	35 3500K	38°	VD 0/1-10V Dim
IBSP133SCT055-2H <CB>	Matt black	2x8W	40 4000K	60°	DA DALI Dim
IBSP133SCT075-2H <CS>	Matt silver	2x18W	50 5000K		
IBSP133SCT095-2H <CG>	Golden	2x25W	57 5700K		
			65 6500K		

Surface Mount LED Downlight Opal Diffuser

Model	IBDL230
Wattage	15W 30W 50W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	100°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, PC. Diffuser
Driver	Constant current built-in LED driver included

Application	Lobby & Reception Corridor & Hallway Guestroom & Suite Conference Room & Office Restaurant
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**Surface Mount | Pendant**

SMD3030



Beam Angle: 100°



Lumen>100lm/w

Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)
IBDL230D090	15W	Ø90×H99	—	90-110
IBDL230D120	30W	Ø120×H118	—	100-120
IBDL230D168	50W	Ø168×H120	—	100-120

ORDERING INFORMATION

Example : IBDL230D090-15W-100-20D-ND

Model	CCT	Beam	Dimming
IBDL230D090	30	100°	N D
IBDL230D090	27 2700K	100°	ND Non Dim
IBDL230D120	30 3000K		TD Triac Dim
IBDL230D168	35 3500K		VD 0/1-10V Dim
	40 4000K		DA DALI Dim
	50 5000K		
	57 5700K		
	65 6500K		

Surface Mount LED Downlight Optional Honeycomb Louver**Surface Mount | Pendant**

SMD3030



Beam Angle: 60°



IP65 with safety glass



Honey comb is optional



Finish

**ORDERING INFORMATION**

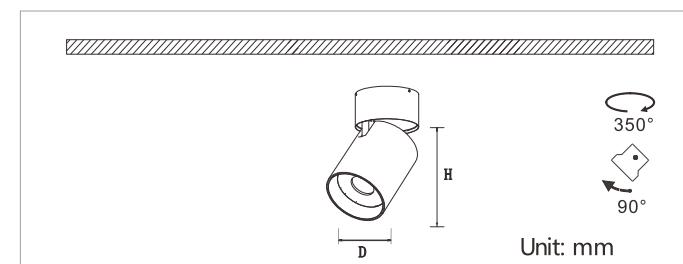
Example : IBDL238D090-15W-55-20D-ND

Model	Wattage	CCT	Beam	Dimming
IBDL238D090	15W	30	60°	N D
IBDL238D090	15W	27 2700K	60°	ND Non Dim
IBDL238D120	30W	30 3000K	60°	TD Triac Dim
IBDL238D168	50W	35 3500K	60°	VD 0/1-10V Dim
	40 4000K			DA DALI Dim
	50 5000K			
	57 5700K			
	65 6500K			

Surface Mount LED Downlight

Model	IBDL236
Wattage	15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink.
Driver	Constant current built-in LED driver included

Application Lobby & Reception Shop



Model	Watts	D xH(mm)	Cutout(mm)	Lumen(lm/w)
IBDL236D070P	15W	Ø71×H130		90-100
IBDL236D080P	25W	Ø82×H145		90-100

Adjustable

COB LED



Beam Angle:15°|24°|38°|60°



Glare Cut 40°



UGR<17

ORDERING INFORMATION

Example : IBDL236D070P-15W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBDL236D070P	— 15W —	30	15°	— N D —
IBDL236D070P	15W	27 2700K	15°	ND Non Dim
IBDL236D080P	25W	30 3000K	24°	TD Triac Dim
		35 3500K	38°	VD 0/1-10V Dim
		40 4000K	60°	DA DALI Dim
		50 5000K		
		57 5700K		
		65 6500K		

Track Mount LED Light Adjustable

Clear Diffuser

**Adjustable**

UGR<17

**ORDERING INFORMATION**

Example : IBTC603D060-12W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBTC603D060	— 12W —	30	15°	— N D —
IBTC603D060	12W	27 2700K	15°	ND Non Dim
IBTC603D070	20W	30 3000K	24°	TD Triac Dim
IBTC603D090	36W	35 3500K	38°	VD 0/1-10V Dim
		40 4000K	60°	DA DALI Dim
		50 5000K		
		57 5700K		
		65 6500K		

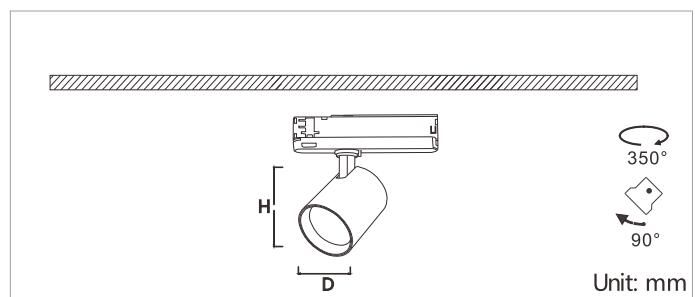
LED Track Spotlight

Track Mount LED Light Adjustable



Model	IBTC602
Wattage	15W 25W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	15° 24° 38° 60°
Finish	Matt white or black trim
Material	Die-casting alu. trim and heatsink, built-in lens
Driver	Constant current built-in LED driver included

Application Shop



Model	Watts	D x H (mm)	Track Type	Lumen (lm/w)
IBTC602D070P	15W	Ø 71 x H85	2 3 4 6-line track	90-100
IBTC602D080P	25W	Ø 82 x H100	2 3 4 6-line track	90-100



Track rail

Adjustable



Beam Angle: 15° | 24° | 38° | 60°



Glare Cut 40°



UGR<17

ORDERING INFORMATION

Example : IBTC602D070P-15W-30-15D-ND

Model	Wattage	CCT	Beam	Dimming
IBTC602D070P	15W	30	15°	N D
IBTC602D070P	15W	27 2700K	15°	ND Non Dim
IBTC602D080P	25W	30 3000K	24°	TD Triac Dim
		35 3500K	38°	VD 0/1-10V Dim
		40 4000K		DA DALI Dim
		50 5000K		
		57 5700K		
		65 6500K		

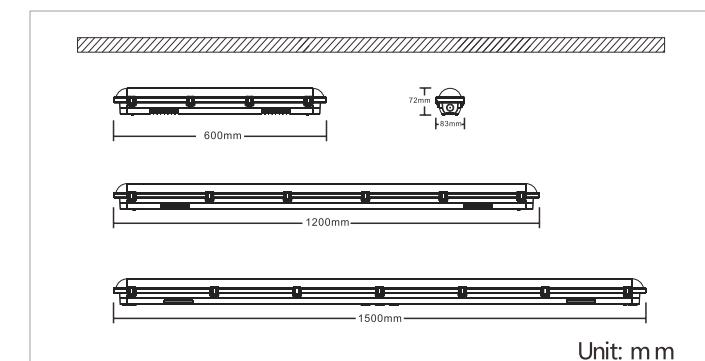
Weather proof light

LED Weatherproof Light 600mm 1200mm 1500mm, IP65



Model	W126 W136 W146 W156 W226 W236 W246
Wattage	10W 20W 30W 40W 50W 60W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	120°
Finish	Matt white trim
Material	PC . trim and heatsink.
Driver	Constant current built-in LED driver included

Application Parking Area



Fixed



Fixed



SMD2835



Beam angle 120°



IP65

Model	Watts	L*W*H (mm)	Cutout (mm)	Lumen (lm/w)
W126	10W 20W	L600 x W83 x H72		100-130
W136	20W 40W	L1200 x W83 x H72		100-130
W146	30W 50W	L1500 x W83 x H72		100-130
W156	50W 60W	L1800 x W83 x H72		100-130
W226	10W 20W	L600 x W110 x H80		100-130
W236	20W 40W	L1200 x W110 x H80		100-130
W246	40W 60W	L1500 x W110 x H80		100-130

ORDERING INFORMATION

Example : W126-10W-30-ND

ORDERING INFORMATION

Example : W126-10W-30-ND

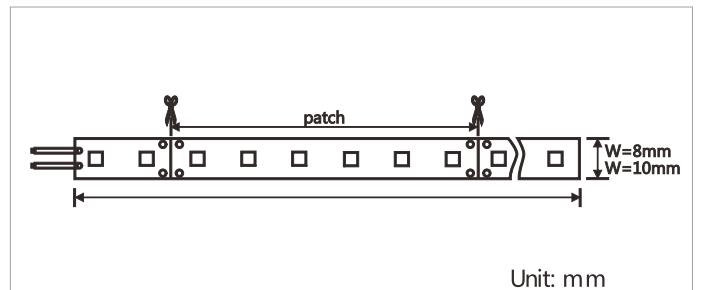
Model	Wattage	CCT	Dimming
W126	10W	30	N D
W126	10W	27 2700K	ND Non Dim
W136	20W	30 3000K	TD Triac Dim
W146	30W	35 3500K	VD 0/1-10V Dim
W156	50W	40 4000K	DA DALI Dim
W226	10W	50 5000K	
W236	20W	57 5700K	
W246	40W	65 6500K	

LED Strip Light, 12/24Vdc, IP20/IP65

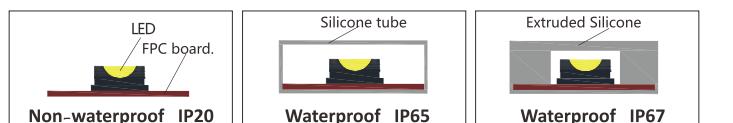


Model	IBR2835
Wattage	4~6W 9~14W 18~24W
CRI	80 90
CCT	2700K 3000K 3500K 4000K 5000K 5700K 6500K
Beam	120°
Material	white
Driver	Constant voltage remote LED driver is not included

Application	Lobby & Reception	Corridor & Hallway
	Guestroom & Suite	



Model	Watts	Working Voltage	FPC copper thickness	IP	Lumen(lm/w)
IBR2835/60	4~6W	DC12/24V	2 3ounce	20 65 67	90-105
IBR2835/120	9~14W	DC12/24V	2 3ounce	20 65 67	90-105
IBR2835/240	18~24W	DC12/24V	2 3ounce	20 65 67	90-105



Flexible



Flexible



SMD2835



Beam angle 120°



IP20 / IP65 / IP67

Accessories



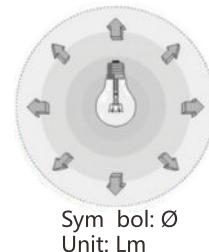
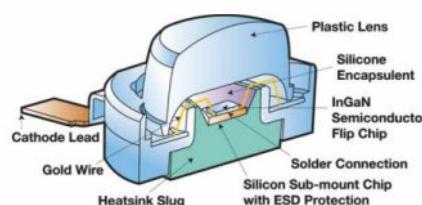
ORDERING INFORMATION

Example : IBR2835/120-9W-30

Model	Wattage	CCT
IBR2835/60	4~6W	30
IBR2835/60	4~6W	27 2700K
IBR2835/120	9~14W	30 3000K
IBR2835/120	9~14W	35 3500K
IBR2835/240	18~24W	40 4000K
		50 5000K
		57 5700K
		65 6500K

LED

Acronym for light-emitting diode, a solid-state component that emits light when exposed to electric current. LED lighting represents the state-of-the-art in the industry, outclassing most other types of lighting in terms of energy efficiency, design flexibility and colors of light available.



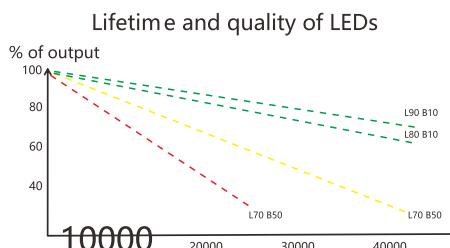
Luminous Flux

Total output emitted by a light source, measured in lumens. The luminous flux describes the total lighting output of a lighting fixture without considering direction. Not to be confused with luminous intensity.

Lumen Maintenance Life

A metric used to describe the time in which the output of a lighting product diminishes to a specific percentage of its initial value. The lumen maintenance life is measured in hours and displayed by the letter L plus two digits. For example, the following lumen maintenance life would describe a product whose output decreases to 70% after 60,000 hours of use:

$$\bullet L70 = 50,000 \text{ hours}$$



Beam Angle

The beam angle is a value that describes the downward light cone emitted by a lighting fixture with a reflector. The beam angle is measured between the downward direction, where the lamp provides maximum lighting intensity, and the direction in which intensity drops to 50%. In other words, a lamp with a large beam angle spread its lighting into a wider cone.

No.	Type	Beam	Light Spot	Application
1	Narrow Spot	<10°		Used to accentuate small objects with high light intensity or to project over greater distances between the luminaire and the target object.
2	Spot	10°~20°		This is the standard characteristic for accent lighting for objects of all kinds, especially to reveal the three-dimensional shape.
3	Flood	25°~35°		Used for efficient accentuation of large objects or to uniformly emphasize a complete spatial zone.
4	Wide Flood	>45°		Used for flexible, flooding illumination of surface areas and spatial zones, especially used for the presentation.

DALI

Acronym for Digitally Addressable Lighting Interface, a communication protocol for lighting automation.

Driver

Piece of electronic equipment that transforms the main supply voltage into a lower DC voltage that is appropriate for LED lighting. Some LED lamps have a built-in driver, while others require one to be connected externally, just like the ballasts used by fluorescent and HID lamps.

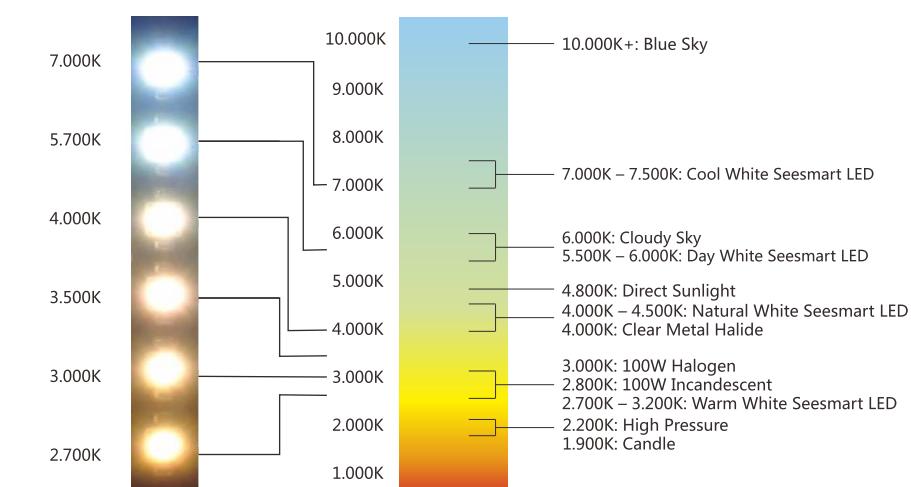
Power Factor (PF)

Ratio of real power to apparent power drawn by lighting fixtures and other electrical devices. The real power is represented by the actual watts consumed, while the apparent power is the multiplication product of voltage and current, measured in volt-amperes. Electric utility companies normally apply additional charges if the power factor of a building drops below a specified level.

Correlated Color Temperature (CCT)

Color temperature of a light source is the temperature of an ideal black-body radiator (solid object with certain properties heated up to point of incandescence) that radiates light of comparable hue to that of the light source, and its temperature is expressed in Kelvins (K). As a black body gets hotter, wave lenght of light emits progress through a sequence of colors from red to blue. Sequence of colors is described by curve (Planckian locus) within a CIE 1931 color space

Basic LED Reference Example Kelvin Color Temperature Scale Chart



Flicker

A phenomenon where a lamp blinks repeatedly, often caused by power supply issues, or a faulty ballast or driver.

**Glare**

Visual impairment caused by a bright source of light, directly visible or reflected by a surface. There are two types of glare:

- Discomfort glare causes an instinctive reaction to close the eyes and look away. This is the type of glare felt when exposed to a potent HID light or when the sun is directly visible through a window.
- Disability glare impairs vision, but does not cause the same reaction as discomfort glare. If a light source gets reflected on your laptop screen, for example, it does not bother your eyes but distinguishing objects on the screen may be impossible.

UGR(Unified Glare Rating)

Classifies the discomfort glare caused by an indoor lighting system,taking into account the kind of luminaires,the reflecting features and size of the rooms,the position of the observers. ”

COMMON

UGR 25



Not
Comfortable

COMMON

UGR 22



Just feel it

COMMON

UGR 19



Can live with it

UGR 16

UGR 13

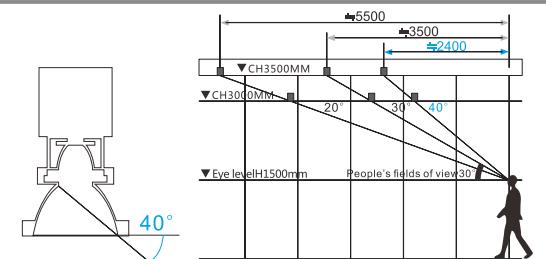
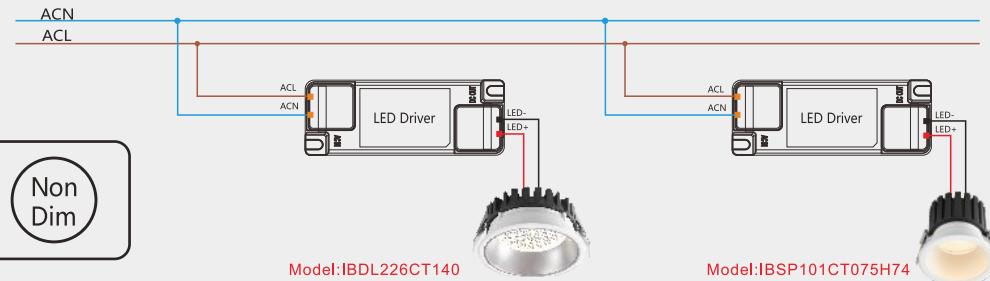
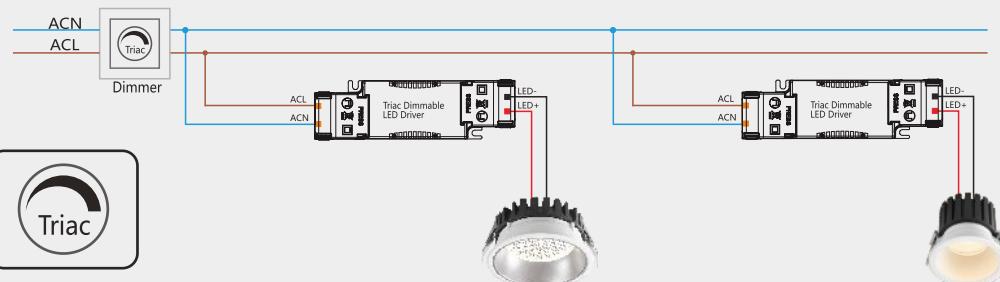
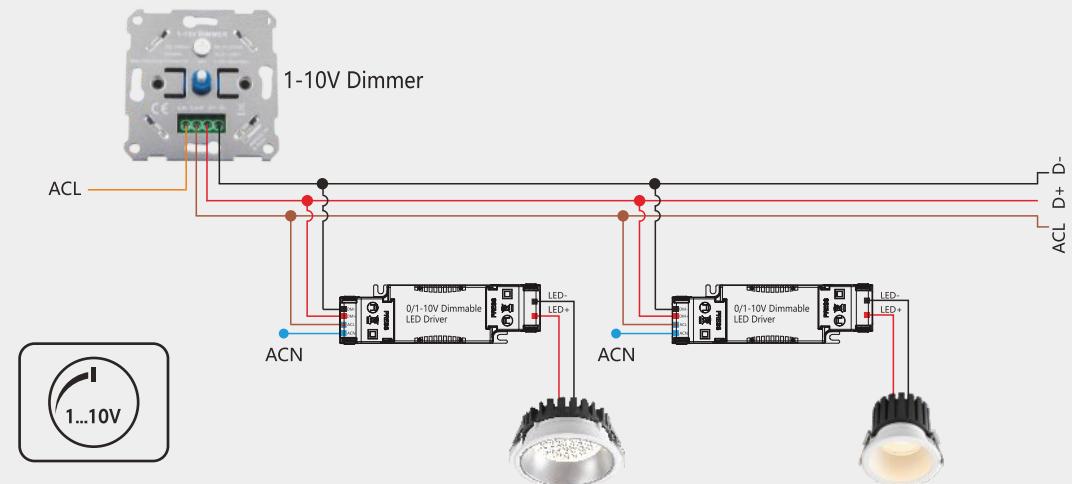
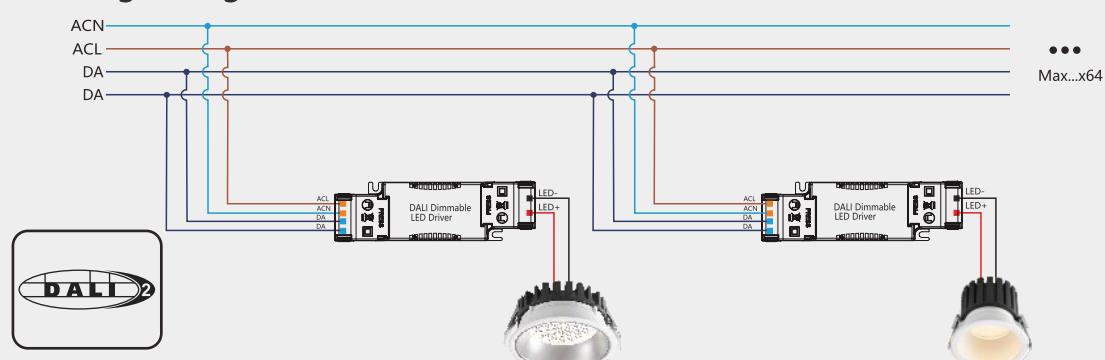


Good

Excellent

Cutoff Angle

Viewing angle beyond with it is no longer possible to see a light source directly, measured from the direction exactly below the lamp (nadir).

**Non-dimming Wiring****Triac Dimming Wiring****0/1-10V Dimming Wiring****DALI Dimming Wiring**

Symbol

Symbol

	Manufacturer's declaration that the product meets the applicable EC directives.
	The CRI value of this product is 80 or higher.
	Operating voltage of 24 V DC.
	Electrical appliance class I: exposed metal chassis is connected to electrical earth by a separate earth conductor.
	Electrical appliance class II: double insulated device, no connection to electrical earth required to reach electrical safety.
	Electrical appliance class III: this product is designed to be supplied from an extra-low voltage ($\leq 60.0 \text{ V DC}$ or $\leq 42.4 \text{ V AC}$).
	Product uses infrared signals for communication.
	Safety Extra-Low Voltage (SELV): the secondary circuit of this product is designed so that under normal and single fault conditions (including earth fault in other circuits) the output will not exceed SELV safe level (60.0 V DC and 42.4 V AC).
	The lamp controlgear case temperature at any place shall not exceed the marked 110°
	Only suitable for mounting on non-combustible surfaces.
	Symbol for built-in electronic controlgear with double or reinforced insulation
	Suitable for installing on or near furniture which is made from materials with unknown flammability proper ties
	Protected against ingress of solid foreign objects ≥ 12.5 millimetres. Not-protected against ingress of water.

IP Rating Chart

IP rating are represented by combining the first and second digits of the following columns. See example below.

1st Digit-SOLID

Degree of protection against solid objects

No Protection



No Protection



Protected against a solid object greater than 50 mm,such as a hand.



Protected against water drops.



Protected against a solid object greater than 12.5 mm,such as a finger.



Protected against water drops at a 15 degree angle.



Protected against a solid object greater than 2.5 mm,such as a wire.



Protected against water spray at 60 degree angle.



Protected against a solid object greater than 1.0mm,such as a thin strap.



Protected against water splashing from any angle.



Dust Protected.Prevents ingress of dust sufficient to cause harm.



Protected against water jets from any angle.



Dust tight. No ingress of dust.



Protected against powerful water jets and heavy seas.



Examples of IP rating and Uses

- Low IP ratings are appropriate for:
Indoor use- Protected use inside sealed products
Inside sealed signage
When using aluminum extrusions
- High IP ratings are appropriate for:
Unsealed outdoor locations
Places that have a lot of debris
Areas with heavy foot traffic
High splash areas
High contact areas (people touching them)
Wet locations

Protected against the effects of temporary submersion in water.
(30 minutes at 3 feet)



Protected against the effects of permanent submersion in water.
(up to 13 feet)

