

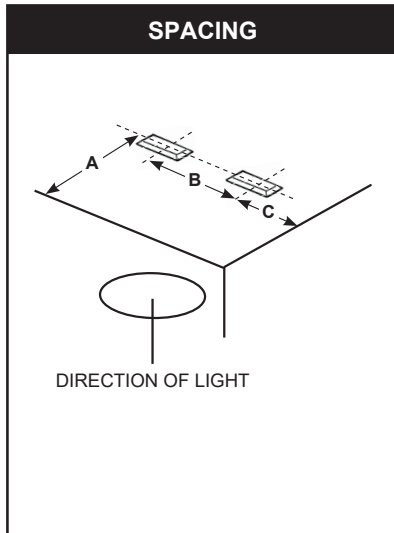
LASER BLADE

INSTRUCTIONS SHEET

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DOWNLIGHT TRIM / TRIMLESS MODEL: ILB01 / 02 / 05 / 10 / 15 - TR / TL - IC / CP - 120 / UNV
GENERAL LIGHT TRIM MODEL: ILB05 / 10 / 15 - TR - IC / CP - 120 / UNV
WALL WASHER TRIM / TRIMLESS MODEL: ILB05 / 10 / 15 - TR / TL - IC / CP - 120 / UNV

IMPORTANT - READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES, BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT, AND THE HAZARDS INVOLVED. PROPER GROUNDING IS REQUIRED FOR SAFETY.

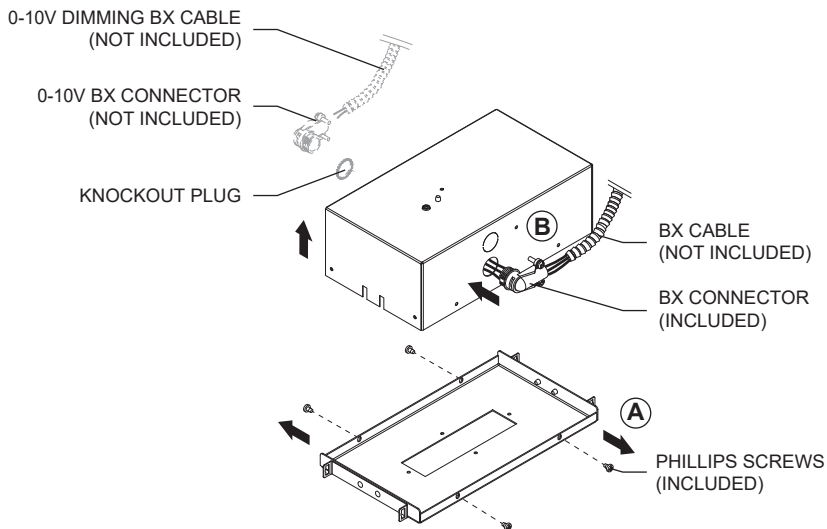


WW WALL WASHER WL WALL WASHER LONGITUDINAL		SUGGESTED		
		In (mm)		
		A mm	B mm	C mm
ILB05-TL-XX-XXX-WW ILB05-TR-XX-XXX-WW	MQ67 - MQ68 - MQ69 - MQ70 - P194 - P146 - P147 - EK79 EK80 - R582 - R583 - R584 - R585 - R586 - R587 - R588 RB72 - RB73	32" (800mm)	32" (800mm)	16" (400mm)
ILB10-TL-XX-XXX-WW ILB10-TR-XX-XXX-WW ILB15-TL-XX-XXX-WW ILB15-TR-XX-XXX-WW	MQ71 - MQ72 - P148 - P195 - MQ73 - MQ74 - P149 - P196 EK81 - EK82 - R589 - R590 - R591 - R592 - R593 - R594 R595 - R596 - RB74 - RB75	40" (1000mm)	40" (1000mm)	20" (500mm)
ILB05-TL-XX-XXX-WL ILB05-TR-XX-XXX-WL	QD29 - QD30 - QD31 - QD32 - QD33 - QD34 - QD35 - EK71 EK72 - R364 - QX83 - QX84 - QX85 - QX86 - QX87 - QX88 RB64 - RB65	32" (800mm)	24" (600mm)	12" (300mm)
ILB10-TL-XX-XXX-WL ILB10-TR-XX-XXX-WL	QD36 - QD37 - QD38 - QD39 - EK73 - R365 - R366 - R367 R368 - RB66	40" (1000mm)	30" (750mm)	15" (375mm)
ILB15-TL-XX-XXX-WL ILB15-TR-XX-XXX-WL	QD40 - QD41 - QD42 - QD43 - EK74 - R369 - R370 - R371 R372 - RB67	40" (1000mm)	30" (800mm)	16" (400mm)

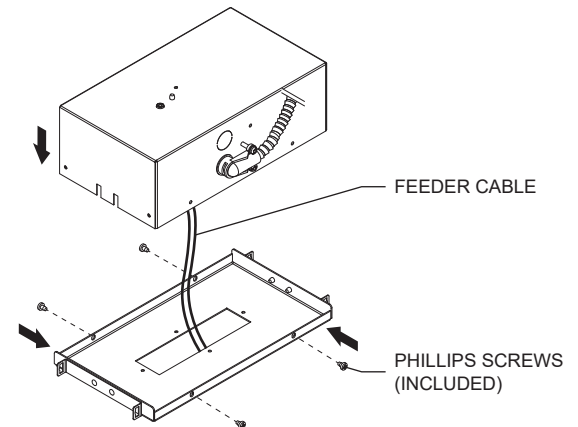
INSULATED CEILING, CHICAGO PLENUM (IC / CP) INTEGRAL DRIVER (120V / 120-277V) DIMMING 0-10V (D10) - TRIAC / ELV (LTE)

- A- REMOVE (4) PHILLIPS SCREWS IN ORDER TO OPEN HOUSING.
B- **FOR INSULATED CEILING (IC) INSTALLATION:** INSTALL BX CABLE (**NOT INCLUDED**) USING BX CONNECTOR (**INCLUDED**).
FOR CHICAGO PLENUM (CP) INSTALLATION: REMOVE THE KNOCKOUT, INSTALL AN AIRTIGHT CONDUIT (**NOT INCLUDED**) AND A CONDUIT CONNECTOR (**NOT INCLUDED**).
*0-10V DIMMING FOR INSULATED CEILING (IC): REMOVE EXTRA KNOCKOUT PLUG, INSTALL BX CABLE (**NOT INCLUDED**) USING BX CONNECTOR (**NOT INCLUDED**).
*0-10V DIMMING FOR CHICAGO PLENUM (CP): REMOVE EXTRA KNOCKOUT PLUG, INSTALL AN AIR TIGHT CONDUIT AND CONDUIT CONNECTOR (**NOT INCLUDED**).
C- CLOSE HOUSING BY SCREWING THE (4) PHILLIPS SCREWS PREVIOUSLY REMOVED (A). LEAVE AT LEAST 6" (152mm) OF FEEDER CABLE ACCESSIBLE FROM UNDER THE CEILING.

A + B



C



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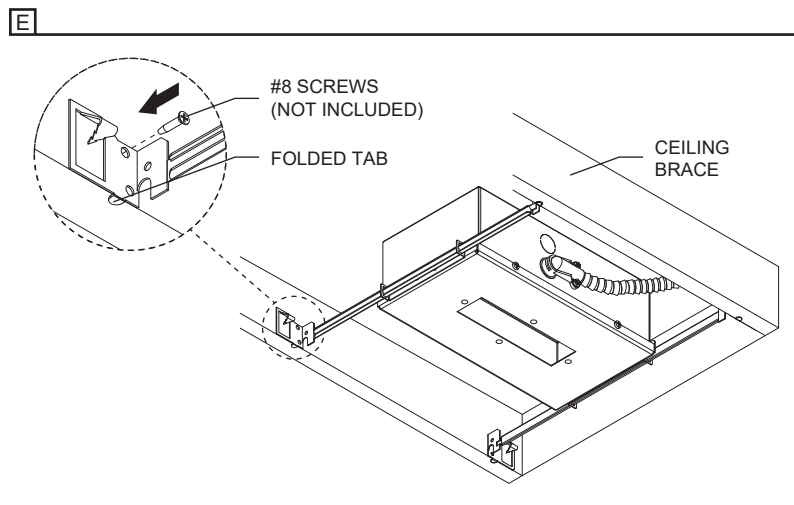
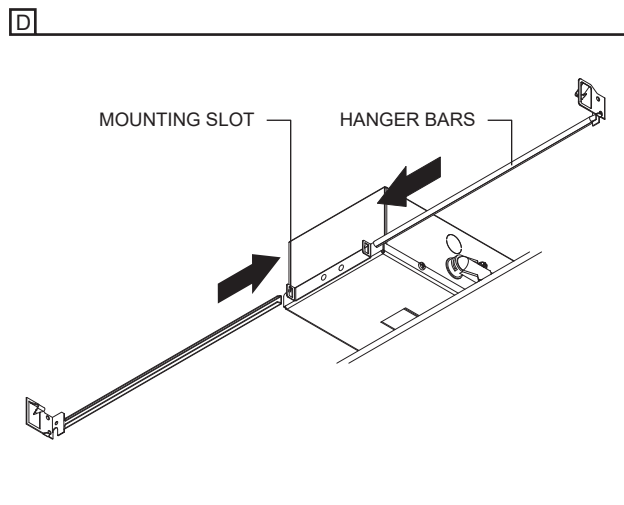
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D- ENGAGE (4) HANGER BARS IN HOUSING SLOTS AVAILABLE AND CONNECT THEM TOGETHER.

E- FASTEN HANGER BARS TO CEILING BRACE WITH #8 SCREWS (NOT INCLUDED). HOUSING MUST BE FLUSH WITH THE BOTTOM OF THE CEILING BRACES.



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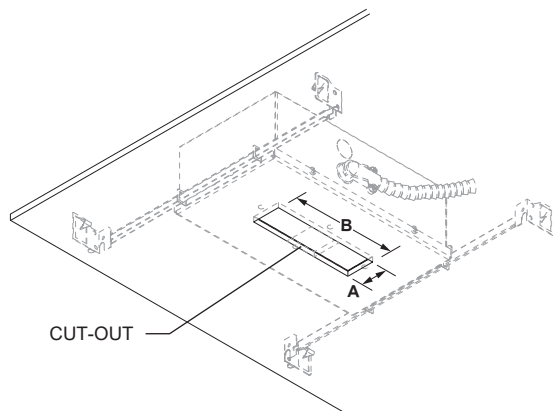
F- INSTALL THE DRYWALL AND MAKE THE CUT-OUT OPENING (SEE DIMENSIONS BELOW).

TRIMLESS MODEL:

F- INSTALL THE DRYWALL AND MAKE THE CUT-OUT OPENING (SEE DIMENSIONS BELOW).

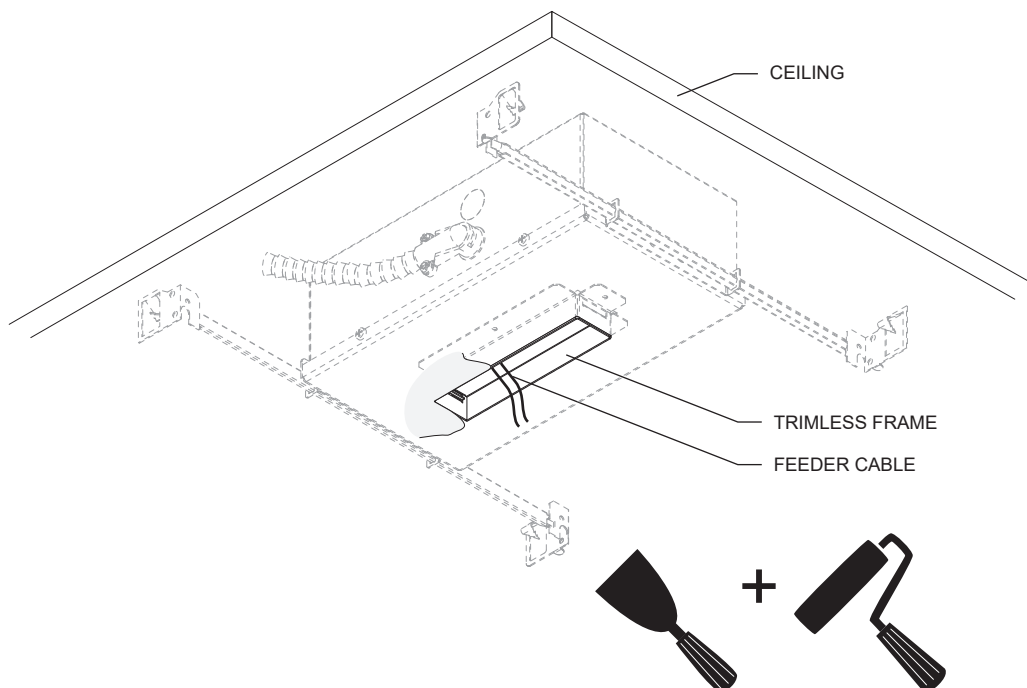
G- FINISH THE ASSEMBLY BY PLASTERING, SANDING AND PAINTING.

F



Model	Housing	Cut-out dimensions (A x B)	Ceiling thickness	Clearance
ILB01	BI-LB01TR-IC/CP	1⅜" x 1⅜" (35 x 35mm)	⅞"-1⅛" (3-29mm)	3½" (89mm)
	BI-LB01TL-IC/CP		⅝" (16mm)	
ILB02	BI-LB02TR-IC/CP	1⅜" x 2½" (35 x 64mm)	⅞"-1⅛" (3-29mm)	
	BI-LB02TL-IC/CP		⅝" (16mm)	
ILB05	BI-LB05TR-IC/CP	1½" x 5⅝" (37 x 141mm)	⅞"-1⅛" (3-29mm)	
	BI-LB05TL-IC/CP	1⅝" x 5⅝" (35 x 141mm)	⅝" (16mm)	
ILB10	BI-LB10TR-IC/CP	1½" x 10⅜" (37 x 274mm)	⅞"-1⅛" (3-29mm)	
	BI-LB10TL-IC/CP	1⅝" x 10¾" (35 x 271mm)	⅝" (16mm)	
ILB15	BI-LB15TR-IC/CP	1½" x 16" (37 x 406mm)	⅞"-1⅛" (3-29mm)	
	BI-LB15TL-IC/CP	1⅝" x 15⅝" (35 x 404mm)	⅝" (16mm)	

G



FIXTURE INSTALLATION

A- CONNECT THE DRIVER TO THE FEEDER CABLE (**FOLLOWING WIRING DIAGRAM**) WITH QUICK CONNECTORS (**INCLUDED**).

***0-10V DIMMING WIRES WILL BE SUPPLIED WITH QUICK CONNECTORS.**

B- PLACE PHILLIPS SCREWDRIVER IN ALLOCATED POSITION AND FASTEN THE POWER SUPPLY TO THE TOP OF THE INSULATION BOX. TIGHTEN POWER SUPPLY IN THE ALIGNMENT BRACKET.

***FOR LB01 TRIMLESS MODELS, INSERT THE DRIVER INSIDE THE HOUSING FIRST.**

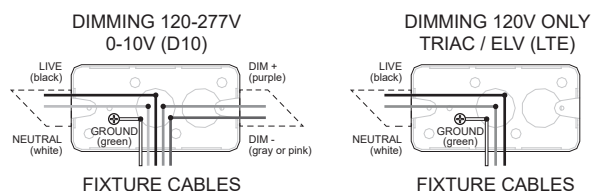
C- HOLD THE (2) CLIPS UPWARD AND INSERT FIXTURE INTO CUT-OUT.

TRIMLESS MODEL:

C- HOLD THE (2) CLIPS UPWARD AND INSERT FIXTURE INTO CUT-OUT. ONCE INSERTED INTO THE TRIMLESS FRAME, THE CLIPS SPRING BACK DOWN AND THE TRIMLESS FRAME HOOKS WILL HOLD THE FIXTURE IN PLACE.

A + B + C

WIRING DIAGRAM



*for reference only

