Darklans

Ceiling Recessed

Fenos
Light to Delight

Job Information	
Project Name	
Type	
Location	
Quantity	
Date	







DESCRIPTION

The **Darklans** Luminaire by Fenos is a multi-purpose, trimless recessed ceiling light designed to blend in with any environment. Its compact size and sleek design make it functional and stylish, perfect for a contemporary space.

PERFORMANCE

MODEL NAME	DARKLANS
POWER CONSUMPTION(±10%)	9W
INPUT VOLTAGE	120VAC , 50Hz
lm / W	60 lm
DIMMING	TRIAC/0-10V/DALI
CCT	2700K/3000K/3500K/4000K
CRI	>90
UGR LEVEL	<18
MOUNTING OPTIONS	TRIMLESS RECESSED
FINISH	ELECTROSTATIC POWDER COATING
FIXTURE COLOR	BLACK/WHITE
TRIM COLOR	-
OPTICS ACCESSORY OPTION	-
IP RATING	IP20
OPERATING TEMPERATURE	-30°C TO + 50°C(-22°F TO 122°F)
LIFE TIME OF LED @TA=25°C	50000 HRS L90
WARRANTY	5 YEARS
APPLICATIONS	INDOORS / Residential / Office / Shop

OVERVIEW

- Engineered Heat Sink Design: Maximum thermal performance and longer product life.
- High CRI (90+): Provides excellent color rendering for natural lighting.
- Standardized Drivers: Ensures stable and power-efficient operation.
- 5-Year Warranty: A commitment to the quality and durability of Fenos.

3740 William St, Burnaby, BC V5C 3H7 | Phone: +1 (604) 294-2334 | Toll free: +1 (877) 294-2334 | Fax: +1 (604) 294-2126

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Guide To Fenos Products Coding

F	180	B	9	40	S
Fenos	Product Family Code	Body Color	Power Consumption (W)	CCT(K)	Beam Angle

Order code table

Body Color	3000K	Beam Angle	4000K	Body Color
White	F180W930S	Spot	F180W940S	White
	F180W930M	Medium	F180W940M	
Black	F180B930S	Spot	F180B940S	Black
	F180B930M	Medium	F180B940M	

FEATURES

Optics

Innovative **LFO** Lens Technology

This luminaire allows efficient light distribution through an aperture smaller than 8 millimeters with the help of the LFO lenses by **Bartenbach**.

It gives even light, creating a nice ambient effect without glare.

Electrical

Voltage 120VAC , 50Hz

Environment& Certifications

cETLlisted for dry locations

Warranty

5 years limited warranty

Mounting

Easy installation with a recessed kit, allowing simple attachment to ceilings of various thicknesses. Ball-head screws are used to secure the fixture to the recessed kit, and a pull-down handle is included for convenient removal of the light from the ceiling.

Trim Finish

The Electrostatic powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

Housing Material

The heat sink is made of die-cast aluminum, the body is constructed from machining-grade aluminum.

LED System

CRI — Witha90+color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT — Available in 2700K, 3000K, 3500K and 4000K with outstanding color consistency.

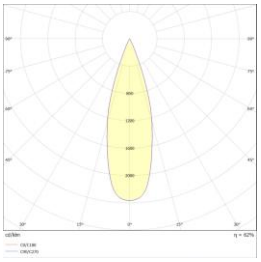
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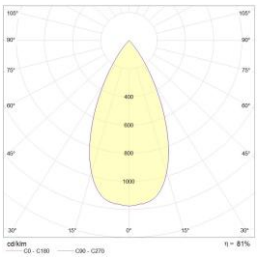
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Light Distribution

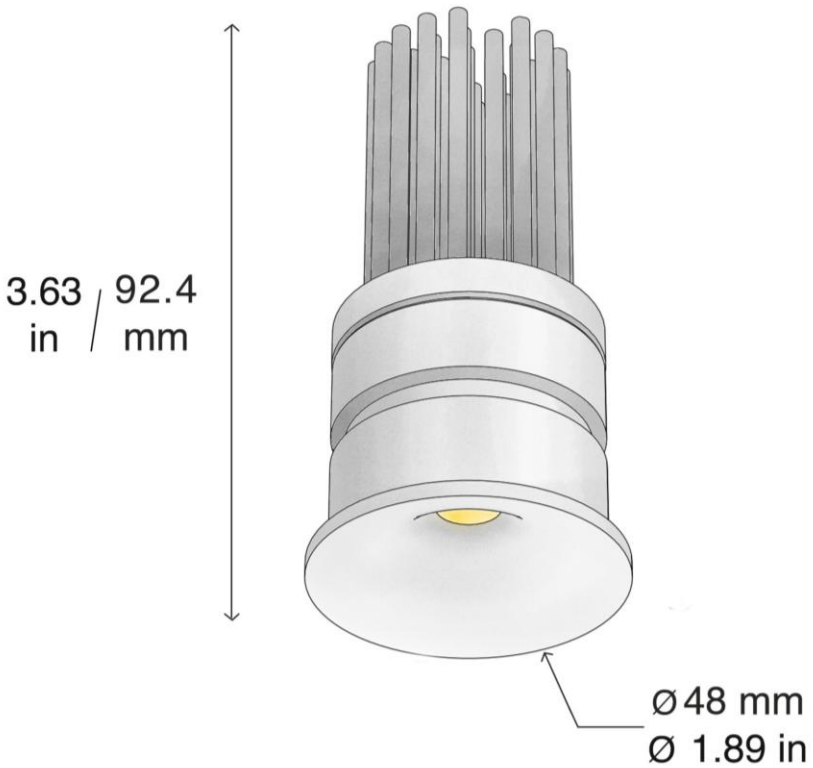


Spot



Medium

Dimensions



Cut Out

55 mm

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8mm light output aperture



The heat sink is manufactured using cold forging

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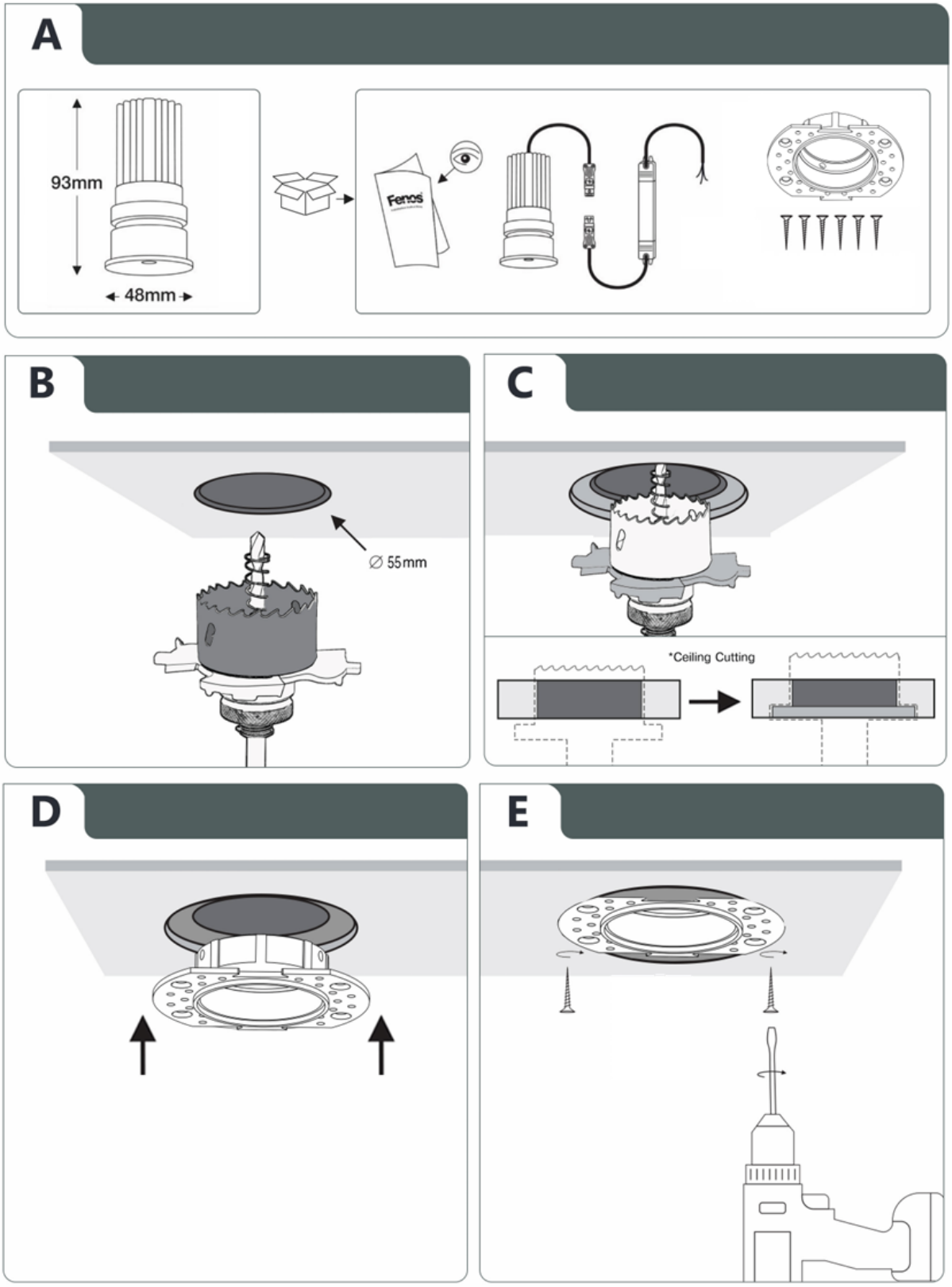
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INSTALLATION MANUAL



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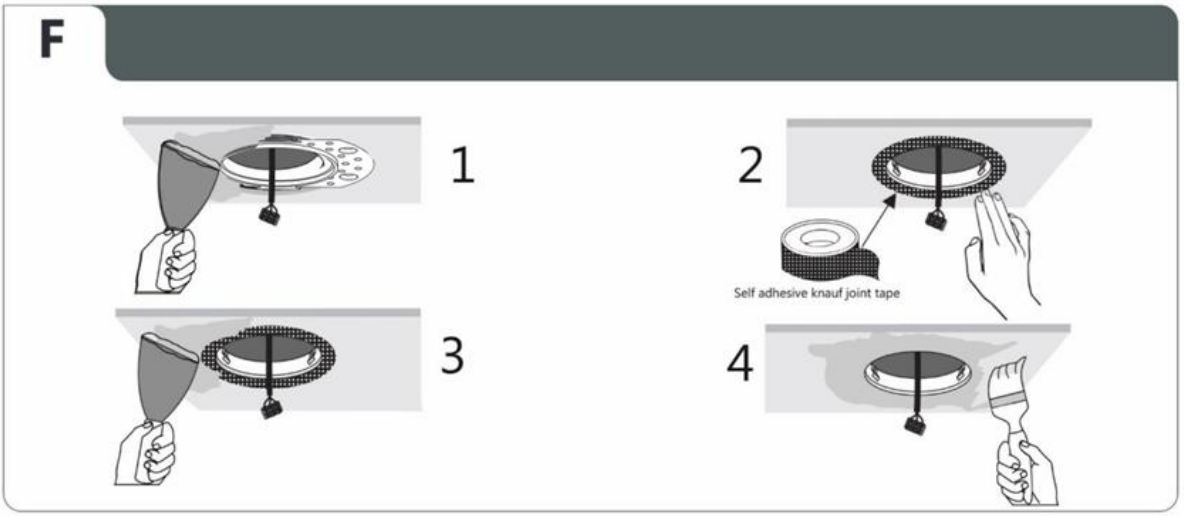
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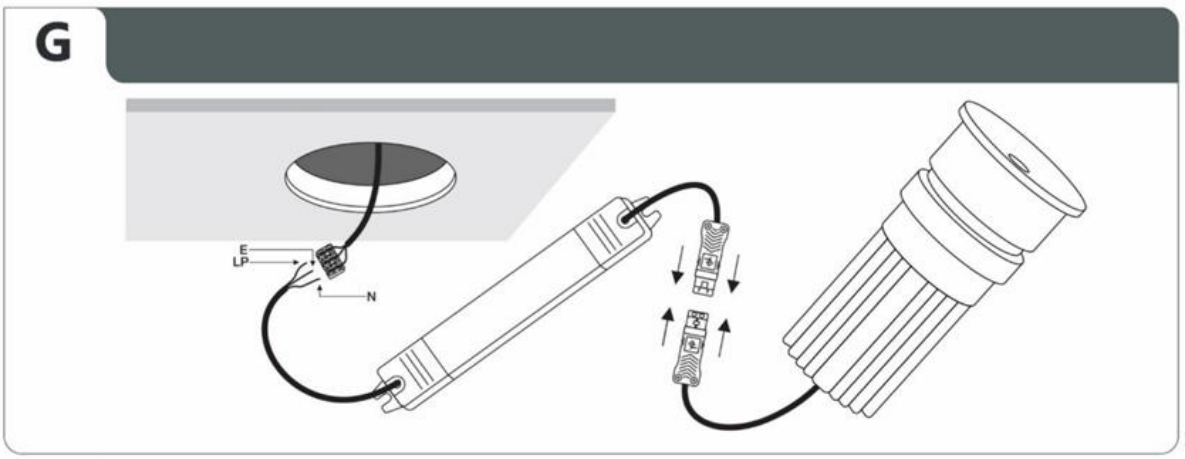
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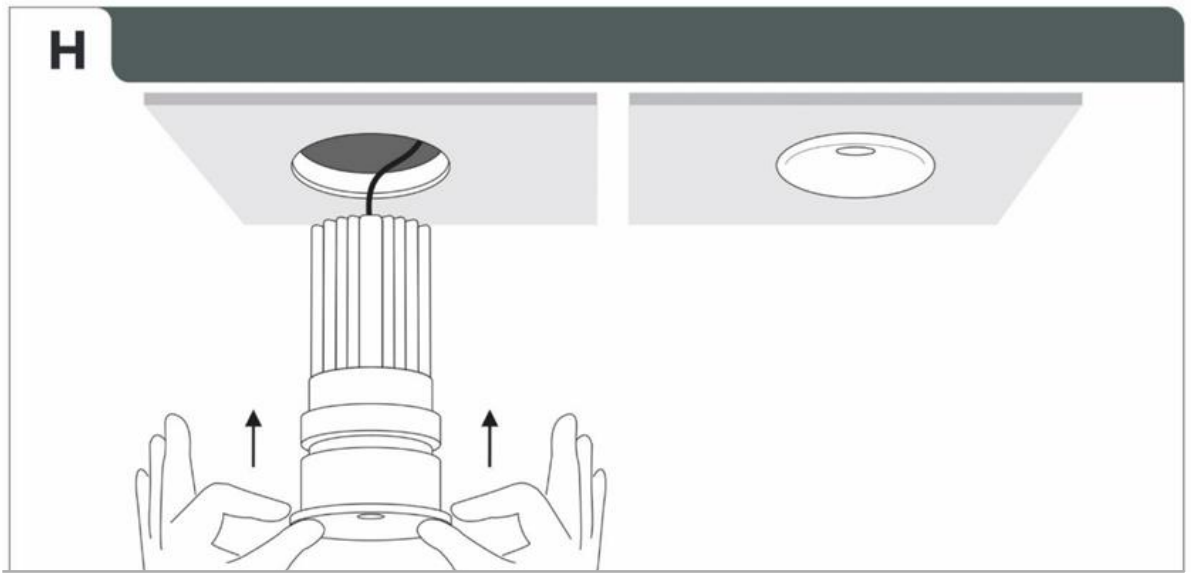
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