4D Series LED Accent Disc

Kichler's 12V LED Accent Discs are designed to install inside cabinets that are at least 12"W x 12"H x 12"D. These small but mighty fixtures provide vivid illumination to dinnerware and display pieces within glass-paneled cabinetry or small architectural niches.

SPECIFICATIONS

Power Ratings

Input Voltage Range	12V DC
Wattage	4W
Current	0.33A

Lumen Information

Lumens	190 Lm
CRI	90+
CCT	2700K, 3000K
Lumen Maintenance (Per TM-21)	L70 @ >54,000 Hrs L90 @ 36,000 Hrs

Environmental

Location	Indoor
Environmental Protection Rating	Dry and Damp Locations
Operation Ambient Temperature	-25°C - +40°C
Storage Temperature	-40°C - +80°C

Max Wire Run Lengths

24 AWG	40 ft.
18 AWG	170 ft.

Mechanical & Housing Specification

Diameter	2.7" / 68 mm
Height	.60" / 15 mm
Housing Material	Aluminum
Finish	BKT – Textured Black BZT – Textured Bronze NIT – Textured Nickel WHT – Textured White
Weight	0.2 lbs.

Approval Markings

Certificates / Approval signs	ETL Listed under UL 2108

Safety Warnings

- This product is intended to be installed and serviced by a qualified, licensed electrician and it must be installed in accordance with the National Electric Code, and all other Federal and local laws and regulations

- Only install compatible LED fixtures & controls. Only use copper wiring.

- Requires enclosed cabinets to be at least 12"W x 12"H x 12"D.

Limited Warranty

Subject to Kichler's General Warranty and Limitations, Kichler provides a warranty of three (3) years on the LED Light Engines and electrical components in residential applications, one (1) year in commercial applications. Complete warranty details for fixtures and additional accessories are available at www.KICHLER.com/warranty. For warranty related questions, please contact customer service.

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4D Series LED Accent Disc

Features

- Low profile
- Dimmable
- Frosted lens
- Textured powder coat finish
- ETL Listed (Class 2, U.S. and Canada)
- Mount to surface or recessed

4D12V27WHT, 4D12V30WHT
Textured White

4D12V27BZT, 4D12V30BZT
Textured Bronze

4D12V27BKT, 4D12V30BKT
Textured Black

4D12V27NIT, 4D12V30NIT
Textured Nickel

ORDERING MATRIX (Model # + CCT + Finish Code)

	Model #	CCT	Finish
Product Number Breakdown	**4D12V** = 12V Accent Disc	**30** = 3000K **27** = 2700K	**BKT** = Textured Black **WHT** = Textured White **BZT** = Textured Bronze **NIT** = Textured Nickel

Example: 4D12V30NIT = 12V Accent Disc, 3000K, Textured Nickel Finish

ACCESSORIES TO BUILD A SYSTEM

LED Driver + Dimmer Switch
4DD12V040WH
4DD12V060WH
- Integrated Driver + Dimmer Switch in one
- 120V AC input, 12V 40W or 60W DC output

Cord
10193 BK
- 8' cord and plug accessory for use with 4TD12V60BKT

LED Power Supply 60W
4TD12V60 BKT
- Direct wire dimmable
- Class 2, 12V DC
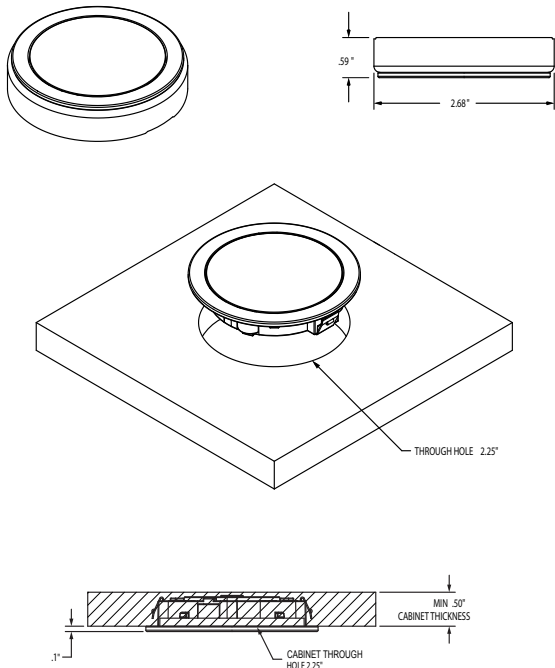- No NEMA Accessory Enclosure required

Splice Box
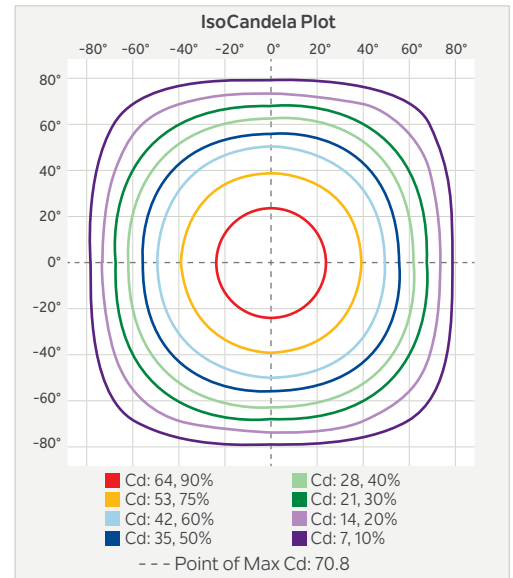**10189** BK, WH
- Accepts max. 14 AWG wire
- (4) 3/8" size knock out
- Intended for low voltage connections only
- 2.375" L x 2.375" W x 1" H

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4D Series LED Accent Disc

DIMENSIONS

.59"

2.68"

THROUGH HOLE 2.25"

MIN .50"
CABINET THICKNESS

.1"

CABINET THROUGH
HOLE 2.25"

PHOTOMETRIC DIAGRAMS

IsoCandela Plot

■ Cd: 64, 90%	■ Cd: 28, 40%
■ Cd: 53, 75%	■ Cd: 21, 30%
■ Cd: 42, 60%	■ Cd: 14, 20%
■ Cd: 35, 50%	■ Cd: 7, 10%

- - - Point of Max Cd: 70.8

4D12Vxxxxx shown (190 Lumens)

MECHANICAL

The 4D LED disc light may be installed either as a surface mounted light source with the included mounting ring or recessed mounted for a low profile aesthetic.

INSTALLATION TIP

The ideal way to maximize your power supply on an accent disc installation is to combine with Kichler 12V LED tape (4TL Series). For layout assistance or technical support visit kichler.com/APS

10189
SPLICE BOX

4' run of high output tape - 12W

4W

5W 18 AWG In-wall NEC-rated wire

12V DC-60W
Power Supply

4W   4W

16' run of standard output tape - 24W

4W   4W   4W

12V
DC

ETL
LISTED
3169056

DIMMABLE

CLASS 2

KICHLER