Go2 2" Downlight

BINA COMPANY

Project:	Type:	Qty:

FEATURES

Modular design, field replaceable LED module, trim, beam lens, and accessories

Quiet ceiling achieved through deep regress.

Offered standard with flicker free dimming to .1%.

Interchangeable secondary reflector options for glare control and maximum visual comfort.

Precise light control, 15°/24°/36°50° TIR lens and Reflector lens options in 20°30°/40°/60°

Type IC rated - approved for direct contact with insulation.

No IC housing needed.

SPECIFICATIONS

Φ2.17" H4.92" Φ2.40" **Narrow Trim** Φ2.40"

Φ2.17" H4.92" Φ2.56" **Standard Trim** Φ2.56"

Φ2.17" H4.92" Φ2.76" **Wide Trim** Φ2.76"

Φ2.56" H4.92" Φ2.36" Φ3.54" **Round Trimless** Φ3.54"

2.56" 2.56" H4.92" 2.95" **Square Trim** 2.95"

2.56" 2.56" H4.92" 4.33" **Square Trimless** 4.33"
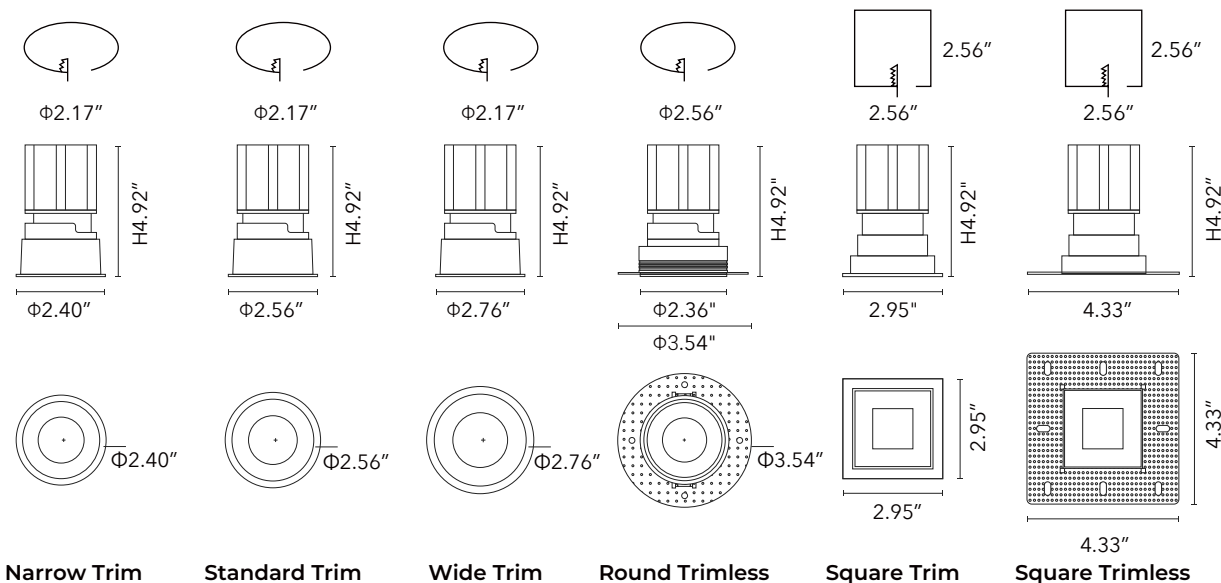
Input Voltage	100-277V AC
Wattage	10W / 15W
Delivered Lumens	730Lm - 1110Lm
LED	<3-Step MacAdam Ellipse (2-Step Available)
CCT	27K, 30K,35K,40K(other CCTs available)
CRI	>90Ra
Adjustability	Max Tilt Angle 30° / Horizontal Rotation Angle 355°<19
Lamp Life	50,000Hr
Environment	IP20 & IP44
Heat Sink	Aluminum body with oxidized powder coating
Trim	Die-cast Aluminum
Operating Temp	-4°F-104°F

Order Code

ORDER CODE EXAMPLE: GO2-2-RT-F-WD-LO-27K-R30-BK-B-SF-D10-NC

SERIES	SIZE	TRIM			WATTAGE	CCT	BEAM ANGLE		
							Reflector Lens	OR	TIR Lens
Go2	2 2.0"	RT Round Trimmed	F Fixed	Standard Trim	LO 10W / 800lm	27K 2700K	R20 20 Degree		15D 15 Degree
		RL Round Trimless	A Adjustable	NR Narrow Trim	HO 15W / 1200lm	30K 3000K	R30 30 Degree		24D 24 Degree
		ST Square Trimmed	W Wall wash	WD Wide Trim		35K 3500K	R40 40 Degree		36D 36 Degree
		SL Square Trimless	S* Shower Trim			40K 4000K	R60 60 Degree		50D 50 Degree
			*Non-conductive trim for shower	Leave blank for standard, trimless or square trim options		TW Tunable White 2700K-6500K	R90 90 Degree		
						WD Warm Dim 3000K-1800K	*Choose between reflector lens or TiR lens, For 10 degree optic, inquire with factory.		

FINISH		OPTICAL ACCESSORIES	ENVIRONMENT	DIMMING	INSTALATION TYPE	EMERGENCY BACKUP
Reflector	Trim					
WH White	W White	SF Soft Focus	— Leave blank if *dry o damp location (IP44)*	ELV Phase/Triac (3%)	NC New Construction Tray	EM5 5W/90 Min
BK Black	B Black	SL Solite Lens	WET for exterior wet locations (under covered ceiling only)	D10 0-10V (.1%)	RM Remodel	EM10 10W/90 Min
SV Sliver	GW Golden Wheat	HL Hexcell Louver		DAL DALI	AT/CP Airtight/Chicago Plenum	
SG Specular Gold	RAL# Custom	LS Linear Spread			WC Wood Ceiling	
SB Specular Black						
GW Golden Wheat						

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TRIM OPTIONS

2.40″	2.56″	2.76″	3.54″	2.95″	4.33″
Narrow Trim	Standard Trim	Wide Trim	Round Trimless	Square Trim	Square Trimless

REFLECTOR OPTIONS

White	Black	Silver	Golden Wheat

Specular	Specular Black	Specular Gold

OPTICAL LENS

Soft Focus	Honeycomb	Linear Spread	Solite

PERFORMANCE

90 CRI / 2700K	15 Degree	24 Degree	36 Degree	50 Degree
10W	730Lm	750Lm	770Lm	790Lm
15W	1030Lm	1050Lm	1070Lm	1090Lm

90 CRI / 3000K	15 Degree	24 Degree	36 Degree	50 Degree
10W	750Lm	770Lm	790Lm	810Lm
15W	1050Lm	1070Lm	1090Lm	1110Lm

Preliminary, pre-launch test-data. Delivered lumen values +/- 5%. Optical filters will reduce delivered lumen values
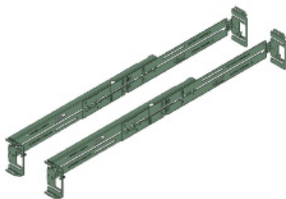
Go2 2" Downlight

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MOUNTING OPTIONS

NC - New Construction Frame-In Tray
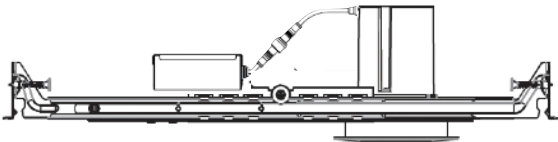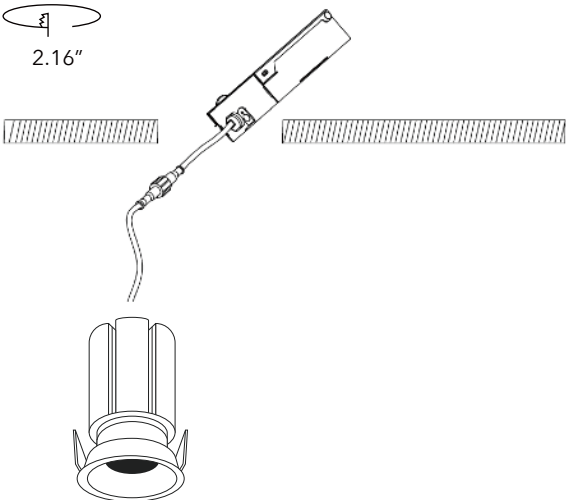
12 7/16"
8 5/8"

1.5"
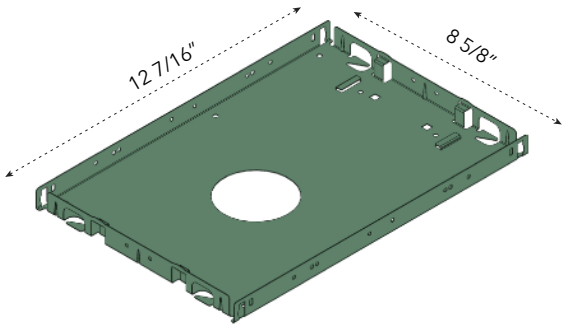
Standard bar hanger (included)

Mounting Length 14 3/4" - 26".

Extension kit can be ordered separately.

Commercial bar hanger #1487

Butterfly and Caterpillar brackets available

**New Construction & Remodel Mounting**

2.16"

Note:

Small fixture housing and driver enclosure box assembly can be used for both new construction and remodel. For remodel application, no new construction

tray is needed.

The ceiling cutout opening will be too small to fit your hand through it. So it is very important that the LED driver remains accessible by removing the lighting fixture, thus allowing you to inspect the connectors or LED driver at any time without physically damaging your celling or other building materials.

This mounting allows for installation from below the ceiling access and full serviceability of the LED driver and driver/junction box.
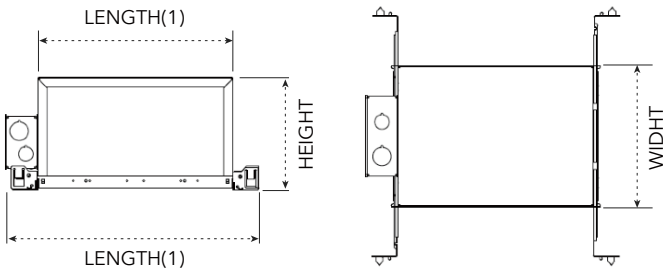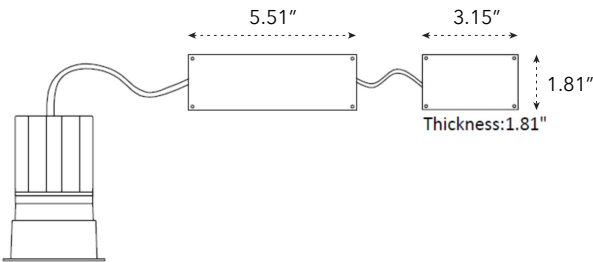
LED Driver Enclosure and Junction Box

1.46"

7.09"   1.06"

10W

1.81"

9.25"   1.06"
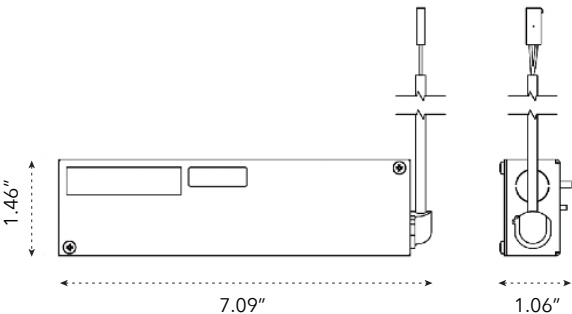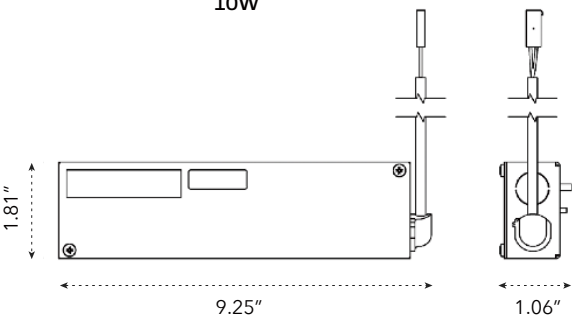
15W

Chicago Plenum / Airtight

LENGTH(1)

HEIGHT

LENGTH(1)

WIDTH

WIDTH

Length	Width	Height
11 3/4"	8 1/2"	4 3/4"
		6 3/4"

5.51"   3.15"

1.81"

Thickness:1.81"

2-sectional driver and wiring box will ship when the AT/CP option is selected. Also can be used for plenum space issues.

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5 YEAR WARRANTY

ETL
Intertek

EMERGENCY

PRIMARY SPECIFICATIONS

Output Power Max	Input Power	Input Current Max	Emergency Operating Time	Battery	Input Voltage	Output Voltage	Ambient Operating Temperature	UL Listedfor Us and Canada
10W	4W	60 mA	90 min.	LiFePO$_4$ 24 Hour recharge 7 to 10 year Life expectancy	120-277 Vac 50/60Hz	12-55 V[1]	0 °C through 55 °C	ULand cUL (UL924) Emergency LED Driver

Dimensions / Weight				
Length	9.5"	Height	1.2"
Width	1.7"	Mounting Length	8.9"
Weight	2.09 lb		
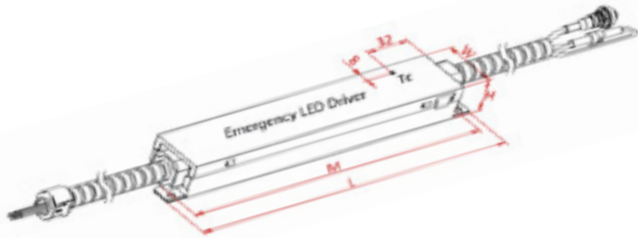
REMOTE TEST SWITCH

The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is recommended for ease of service, but LED Fixture Sizes of4" and Larger are capable of below ceiling access. IC/ICAT/CP Box and iTS optionrequire an access panel in the ceiling (or other form of access) adjacent to theinstallation location of the Emergency Battery.

REMOTE LOCATION

Maximum remote mounting distance of the emergency driver shall be 50 feet.Remote location wiring provided by others. Follow all Local and National Electric/Building Codes.

WALL PLATE ACCESSORIES

AEMC2WPL1
Plastic

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